

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0260.900	8 mic/line analog inputs to CobraNet® output	1,598.00
0248.900	AudiaEXPI 2 mic/line analog inputs, 2 line outputs to CobraNet® output, PoE	998.00
0249.900	AudiaEXPI 4 mic/line analog inputs to CobraNet output, PoE	998.00
0261.900	AudiaEXPO CobraNet® input to 8 analog line outputs	1,598.00
0250.900	AudiaEXPO CobraNet® input to 4 analog line outputs, PoE	998.00
0227.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card	538.00
0289.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card (Card Kit)	638.00
0275.900	AudiaFLEX chassis with CobraNet® Module	5,190.00
0176.900	AudiaFLEX 2-channel mic/line input card	258.00
0286.900	AudiaFLEX 2-channel mic/line input card (Card Kit)	358.00
0234.900	AudiaFLEX chassis, CobraNet® module not included	3,798.00

Biamp MSRP Price List		
Audia Amplifiers, Mixers, Microphones, and Accessories		
Part Number	Long Description	List Price/MSRP/Price for Resale
0296.900	AudiaFLEX Paging Station, single cable to provide audio/control via CobraNet®, and receive Power-Over-Ethernet (PoE)	798.00
0206.900	AudiaFLEX 2-channel mic/line output card	158.00
0288.900	AudiaFLEX 2-channel mic/line output card (Card Kit)	258.00
0231.900	AudiaFLEX 2-channel power amplifier output card	338.00
0291.900	AudiaFLEX 2-channel power amplifier output card (Card Kit)	438.00
0193.900	AudiaFLEX 2-channel POTS telephone interface card	798.00
0290.900	AudiaFLEX 2-channel POTS telephone interface card (Card Kit)	898.00
0244.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card	798.00
0287.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card (Card Kit)	898.00
0271.900	AudiaFUSION chassis with CobraNet® Module	4,798.00
0240.900	AudiaFUSION Amplifier Module Card, 600W	798.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0292.900	AudiaFUSION Amplifier Module Card, 600W (Card Kit)	898.00
0381.900	AudiaVOIP chassis, CobraNet® module not included. Fixed configuration of I/O cards: (2) IP-2 cards, (6) AEC-2HD cards, (2) OP-2e cards, (1) PA-2 card (1) VoIP-2 card	7,990.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0194.900	NEXIA 10 mic/line inputs and 6 mic/line outputs. DSP for conference applications such as boardrooms, courtrooms, and council chambers	1,998.00
0195.900	NEXIA 4 mic/line inputs, 6 stereo line inputs, and 3 stereo outputs. DSP for multi-media presentations with microphone and program content	1,998.00
0196.900	NEXIA 4 line inputs and 8 line outputs. DSP for speaker processing applications with line inputs feeding a larger number of outputs	1,798.00
0225.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & telephone interface. DSP for teleconferencing applications	2,998.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0221.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & codec interface. DSP for videoconferencing applications	2,998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00
0338.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit	1,398.00
0410.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit, Version 4	1,398.00
0337.900	PHIHONG Gigabit PoE+ Injector, IEEE802.3af compliant, IEEE802.3at classified, 90-264 VAC Input Voltage	144.00
0333.900	Tesira AVB network card capable of up to 420x420 channels	838.00
0334.900	Tesira AVB network card capable of up to 420x420 channels (Card Kit)	938.00
0307.900	Tesira DSP card with two DSPs	838.00
0323.900	Tesira DSP card with two DSPs (Card Kit)	938.00
0339.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD	732.00
0340.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD (Card Kit)	832.00
0312.900	Tesira 4 channel mic/line input card for the EX-MOD	354.00
0330.900	Tesira 4 channel mic/line input card for the EX-MOD (Card Kit)	454.00
0314.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD	334.00
0332.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD (Card Kit)	434.00

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Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0313.900	Tesira 4 channel mic/line output card for the EX-MOD	312.00
0331.900	Tesira 4 channel mic/line output card for the EX-MOD (Card Kit)	412.00
0341.900	Tesira 4 channel mic/line input expander with AEC and PoE+	1,778.00
0308.900	Tesira 4 channel mic/line input expander PoE+	1,398.00
0310.900	Tesira 2 channel mic/line input & 2 channel mic/line output expander PoE+	1,398.00
0315.900	Tesira PoE logic expander with 16 logic GPIO (4 GPIO are configurable for potentiometer interface)	628.00
0311.900	Tesira Modular expander that is capable of using up to 3 expander cards	1,888.00
0309.900	Tesira 4 channel mic/line output expander PoE+	1,398.00
0354.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel	732.00
0355.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel (Card Kit)	838.00
0317.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis	838.00
0326.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis (Card Kit)	938.00
0304.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel	732.00
0329.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel (Card Kit)	832.00
0300.900	Tesira DSP server with 1 DSP-2 card (7 additional DSP-2 cards can be added), 1 AVB-1 network card (1 additional AVB-1 card can be added)	7,980.00
0278.900	Tesira DSP server with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added) no AVB-1 network card	6,720.00

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Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0301.900	Tesira DSP server with up to 48 channels of I/O, 1 AVB-1 network card and 1 DSP-2 card (2 additional DSP-2 cards can be added)	7,350.00
0302.900	Tesira 4 channel mic/line input card	354.00
0325.900	Tesira 4 channel mic/line input card (Card Kit)	454.00
0303.900	Tesira 4 channel mic/line output card	312.00
0324.900	Tesira 4 channel mic/line output card (Card Kit)	412.00
0306.900	Tesira 2 line POTS telephone interface card	628.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0260.900	8 mic/line analog inputs to CobraNet® output	1,598.00
0248.900	AudiaEXPI 2 mic/line analog inputs, 2 line outputs to CobraNet® output, PoE	998.00
0249.900	AudiaEXPI 4 mic/line analog inputs to CobraNet output, PoE	998.00
0261.900	AudiaEXPO CobraNet® input to 8 analog line outputs	1,598.00
0250.900	AudiaEXPO CobraNet® input to 4 analog line outputs, PoE	998.00
0227.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card	538.00
0289.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card (Card Kit)	638.00
0275.900	AudiaFLEX chassis with CobraNet® Module	5,190.00
0176.900	AudiaFLEX 2-channel mic/line input card	258.00
0286.900	AudiaFLEX 2-channel mic/line input card (Card Kit)	358.00
0234.900	AudiaFLEX chassis, CobraNet® module not included	3,798.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0296.900	AudiaFLEX Paging Station, single cable to provide audio/control via CobraNet®, and receive Power-Over-Ethernet (PoE)	798.00
0206.900	AudiaFLEX 2-channel mic/line output card	158.00
0288.900	AudiaFLEX 2-channel mic/line output card (Card Kit)	258.00
0231.900	AudiaFLEX 2-channel power amplifier output card	338.00
0291.900	AudiaFLEX 2-channel power amplifier output card (Card Kit)	438.00
0193.900	AudiaFLEX 2-channel POTS telephone interface card	798.00
0290.900	AudiaFLEX 2-channel POTS telephone interface card (Card Kit)	898.00
0244.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card	798.00
0287.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card (Card Kit)	898.00
0271.900	AudiaFUSION chassis with CobraNet® Module	4,798.00
0240.900	AudiaFUSION Amplifier Module Card, 600W	798.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0292.900	AudiaFUSION Amplifier Module Card, 600W (Card Kit)	898.00
0381.900	AudiaVOIP chassis, CobraNet® module not included. Fixed configuration of I/O cards: (2) IP-2 cards, (6) AEC-2HD cards, (2) OP-2e cards, (1) PA-2 card (1) VoIP-2 card	7,990.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00

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Part Number	Long Description	List Price/MSRP/Price for Resale
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0194.900	NEXIA 10 mic/line inputs and 6 mic/line outputs. DSP for conference applications such as boardrooms, courtrooms, and council chambers	1,998.00
0195.900	NEXIA 4 mic/line inputs, 6 stereo line inputs, and 3 stereo outputs. DSP for multi-media presentations with microphone and program content	1,998.00
0196.900	NEXIA 4 line inputs and 8 line outputs. DSP for speaker processing applications with line inputs feeding a larger number of outputs	1,798.00
0225.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & telephone interface. DSP for teleconferencing applications	2,998.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0221.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & codec interface. DSP for videoconferencing applications	2,998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

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Part Number	Long Description	List Price/MSRP/ Price for Resale
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0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00
0338.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit	1,398.00
0410.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit, Version 4	1,398.00
0337.900	PHIHONG Gigabit PoE+ Injector, IEEE802.3af compliant, IEEE802.3at classified, 90-264 VAC Input Voltage	144.00
0333.900	Tesira AVB network card capable of up to 420x420 channels	838.00
0334.900	Tesira AVB network card capable of up to 420x420 channels (Card Kit)	938.00
0307.900	Tesira DSP card with two DSPs	838.00
0323.900	Tesira DSP card with two DSPs (Card Kit)	938.00
0339.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD	732.00
0340.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD (Card Kit)	832.00
0312.900	Tesira 4 channel mic/line input card for the EX-MOD	354.00
0330.900	Tesira 4 channel mic/line input card for the EX-MOD (Card Kit)	454.00
0314.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD	334.00
0332.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD (Card Kit)	434.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0313.900	Tesira 4 channel mic/line output card for the EX-MOD	312.00
0331.900	Tesira 4 channel mic/line output card for the EX-MOD (Card Kit)	412.00
0341.900	Tesira 4 channel mic/line input expander with AEC and PoE+	1,778.00
0308.900	Tesira 4 channel mic/line input expander PoE+	1,398.00
0310.900	Tesira 2 channel mic/line input & 2 channel mic/line output expander PoE+	1,398.00
0315.900	Tesira PoE logic expander with 16 logic GPIO (4 GPIO are configurable for potentiometer interface)	628.00
0311.900	Tesira Modular expander that is capable of using up to 3 expander cards	1,888.00
0309.900	Tesira 4 channel mic/line output expander PoE+	1,398.00
0354.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel	732.00
0355.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel (Card Kit)	838.00
0317.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis	838.00
0326.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis (Card Kit)	938.00
0304.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel	732.00
0329.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel (Card Kit)	832.00
0300.900	Tesira DSP server with 1 DSP-2 card (7 additional DSP-2 cards can be added), 1 AVB-1 network card (1 additional AVB-1 card can be added)	7,980.00
0278.900	Tesira DSP server with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added) no AVB-1 network card	6,720.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0301.900	Tesira DSP server with up to 48 channels of I/O, 1 AVB-1 network card and 1 DSP-2 card (2 additional DSP-2 cards can be added)	7,350.00
0302.900	Tesira 4 channel mic/line input card	354.00
0325.900	Tesira 4 channel mic/line input card (Card Kit)	454.00
0303.900	Tesira 4 channel mic/line output card	312.00
0324.900	Tesira 4 channel mic/line output card (Card Kit)	412.00
0306.900	Tesira 2 line POTS telephone interface card	628.00

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Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0260.900	8 mic/line analog inputs to CobraNet® output	1,598.00
0248.900	AudiaEXPI 2 mic/line analog inputs, 2 line outputs to CobraNet® output, PoE	998.00
0249.900	AudiaEXPI 4 mic/line analog inputs to CobraNet output, PoE	998.00
0261.900	AudiaEXPO CobraNet® input to 8 analog line outputs	1,598.00
0250.900	AudiaEXPO CobraNet® input to 4 analog line outputs, PoE	998.00
0227.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card	538.00
0289.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card (Card Kit)	638.00
0275.900	AudiaFLEX chassis with CobraNet® Module	5,190.00
0176.900	AudiaFLEX 2-channel mic/line input card	258.00
0286.900	AudiaFLEX 2-channel mic/line input card (Card Kit)	358.00
0234.900	AudiaFLEX chassis, CobraNet® module not included	3,798.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0296.900	AudiaFLEX Paging Station, single cable to provide audio/control via CobraNet®, and receive Power-Over-Ethernet (PoE)	798.00
0206.900	AudiaFLEX 2-channel mic/line output card	158.00
0288.900	AudiaFLEX 2-channel mic/line output card (Card Kit)	258.00
0231.900	AudiaFLEX 2-channel power amplifier output card	338.00
0291.900	AudiaFLEX 2-channel power amplifier output card (Card Kit)	438.00
0193.900	AudiaFLEX 2-channel POTS telephone interface card	798.00
0290.900	AudiaFLEX 2-channel POTS telephone interface card (Card Kit)	898.00
0244.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card	798.00
0287.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card (Card Kit)	898.00
0271.900	AudiaFUSION chassis with CobraNet® Module	4,798.00
0240.900	AudiaFUSION Amplifier Module Card, 600W	798.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0292.900	AudiaFUSION Amplifier Module Card, 600W (Card Kit)	898.00
0381.900	AudiaVOIP chassis, CobraNet® module not included. Fixed configuration of I/O cards: (2) IP-2 cards, (6) AEC-2HD cards, (2) OP-2e cards, (1) PA-2 card (1) VoIP-2 card	7,990.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0194.900	NEXIA 10 mic/line inputs and 6 mic/line outputs. DSP for conference applications such as boardrooms, courtrooms, and council chambers	1,998.00
0195.900	NEXIA 4 mic/line inputs, 6 stereo line inputs, and 3 stereo outputs. DSP for multi-media presentations with microphone and program content	1,998.00
0196.900	NEXIA 4 line inputs and 8 line outputs. DSP for speaker processing applications with line inputs feeding a larger number of outputs	1,798.00
0225.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & telephone interface. DSP for teleconferencing applications	2,998.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0221.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & codec interface. DSP for videoconferencing applications	2,998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00
0338.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit	1,398.00
0410.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit, Version 4	1,398.00
0337.900	PHIHONG Gigabit PoE+ Injector, IEEE802.3af compliant, IEEE802.3at classified, 90-264 VAC Input Voltage	144.00
0333.900	Tesira AVB network card capable of up to 420x420 channels	838.00
0334.900	Tesira AVB network card capable of up to 420x420 channels (Card Kit)	938.00
0307.900	Tesira DSP card with two DSPs	838.00
0323.900	Tesira DSP card with two DSPs (Card Kit)	938.00
0339.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD	732.00
0340.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD (Card Kit)	832.00
0312.900	Tesira 4 channel mic/line input card for the EX-MOD	354.00
0330.900	Tesira 4 channel mic/line input card for the EX-MOD (Card Kit)	454.00
0314.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD	334.00
0332.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD (Card Kit)	434.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0313.900	Tesira 4 channel mic/line output card for the EX-MOD	312.00
0331.900	Tesira 4 channel mic/line output card for the EX-MOD (Card Kit)	412.00
0341.900	Tesira 4 channel mic/line input expander with AEC and PoE+	1,778.00
0308.900	Tesira 4 channel mic/line input expander PoE+	1,398.00
0310.900	Tesira 2 channel mic/line input & 2 channel mic/line output expander PoE+	1,398.00
0315.900	Tesira PoE logic expander with 16 logic GPIO (4 GPIO are configurable for potentiometer interface)	628.00
0311.900	Tesira Modular expander that is capable of using up to 3 expander cards	1,888.00
0309.900	Tesira 4 channel mic/line output expander PoE+	1,398.00
0354.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel	732.00
0355.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel (Card Kit)	838.00
0317.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis	838.00
0326.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis (Card Kit)	938.00
0304.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel	732.00
0329.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel (Card Kit)	832.00
0300.900	Tesira DSP server with 1 DSP-2 card (7 additional DSP-2 cards can be added), 1 AVB-1 network card (1 additional AVB-1 card can be added)	7,980.00
0278.900	Tesira DSP server with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added) no AVB-1 network card	6,720.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0301.900	Tesira DSP server with up to 48 channels of I/O, 1 AVB-1 network card and 1 DSP-2 card (2 additional DSP-2 cards can be added)	7,350.00
0302.900	Tesira 4 channel mic/line input card	354.00
0325.900	Tesira 4 channel mic/line input card (Card Kit)	454.00
0303.900	Tesira 4 channel mic/line output card	312.00
0324.900	Tesira 4 channel mic/line output card (Card Kit)	412.00
0306.900	Tesira 2 line POTS telephone interface card	628.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0260.900	8 mic/line analog inputs to CobraNet® output	1,598.00
0248.900	AudiaEXPI 2 mic/line analog inputs, 2 line outputs to CobraNet® output, PoE	998.00
0249.900	AudiaEXPI 4 mic/line analog inputs to CobraNet output, PoE	998.00
0261.900	AudiaEXPO CobraNet® input to 8 analog line outputs	1,598.00
0250.900	AudiaEXPO CobraNet® input to 4 analog line outputs, PoE	998.00
0227.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card	538.00
0289.900	AudiaFLEX 2-channel Sona™ acoustic echo canceling card (Card Kit)	638.00
0275.900	AudiaFLEX chassis with CobraNet® Module	5,190.00
0176.900	AudiaFLEX 2-channel mic/line input card	258.00
0286.900	AudiaFLEX 2-channel mic/line input card (Card Kit)	358.00
0234.900	AudiaFLEX chassis, CobraNet® module not included	3,798.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0296.900	AudiaFLEX Paging Station, single cable to provide audio/control via CobraNet®, and receive Power-Over-Ethernet (PoE)	798.00
0206.900	AudiaFLEX 2-channel mic/line output card	158.00
0288.900	AudiaFLEX 2-channel mic/line output card (Card Kit)	258.00
0231.900	AudiaFLEX 2-channel power amplifier output card	338.00
0291.900	AudiaFLEX 2-channel power amplifier output card (Card Kit)	438.00
0193.900	AudiaFLEX 2-channel POTS telephone interface card	798.00
0290.900	AudiaFLEX 2-channel POTS telephone interface card (Card Kit)	898.00
0244.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card	798.00
0287.900	AudiaFLEX 2-channel Voice over Internet Protocol telephone interface card (Card Kit)	898.00
0271.900	AudiaFUSION chassis with CobraNet® Module	4,798.00
0240.900	AudiaFUSION Amplifier Module Card, 600W	798.00

Biamp MSRP Price List

Audia Amplifiers, Mixers, Microphones, and Accessories

Part Number	Long Description	List Price/MSRP/Price for Resale
0292.900	AudiaFUSION Amplifier Module Card, 600W (Card Kit)	898.00
0381.900	AudiaVOIP chassis, CobraNet® module not included. Fixed configuration of I/O cards: (2) IP-2 cards, (6) AEC-2HD cards, (2) OP-2e cards, (1) PA-2 card (1) VoIP-2 card	7,990.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00

Biamp MSRP Price List**Audia Amplifiers, Mixers, Microphones, and Accessories**

Part Number	Long Description	List Price/MSRP/Price for Resale
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0255.900	3-channel mic/line mixer w/remote master level	554.00
0256.900	6-channel mic/line mixer w/remote master level	718.00
0257.900	8 mic/line & 1 aux in mixer w/remote master level	1,028.00
0258.900	autoTWO 8-in/2-out single rack-space automatic mixer	1,198.00
0167.900	20 programmable logic inputs/outputs for Audia/Nexia control	398.00
0156.900	50W transformer for 25/70/100V systems (MCA 8050 - per channel)	64.00
0157.900	100W transformer for 25/70/100V systems (MCA 8050 - bridged)	84.00
0158.900	150W transformer for 25/70/100V systems (MCA 8150 - per channel)	68.00
0159.900	300W transformer for 25/70/100V systems (MCA8150 - bridged)	100.00
8075.900	8-channel, 50W amp with bridging	1,858.00
8077.900	8-channel, 150W amp with bridging	2,238.00
8174.900	Single-channel, multi-purpose amplifiers deliver a full 250 Watts of power into direct or distributed speaker systems	998.00
0194.900	NEXIA 10 mic/line inputs and 6 mic/line outputs. DSP for conference applications such as boardrooms, courtrooms, and council chambers	1,998.00
0195.900	NEXIA 4 mic/line inputs, 6 stereo line inputs, and 3 stereo outputs. DSP for multi-media presentations with microphone and program content	1,998.00
0196.900	NEXIA 4 line inputs and 8 line outputs. DSP for speaker processing applications with line inputs feeding a larger number of outputs	1,798.00
0225.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & telephone interface. DSP for teleconferencing applications	2,998.00

Biamp Systems MSRP Price List		
Nexia Amplifiers, Mixers, Accessories & Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0221.900	NEXIA 8 wide-band Sona™ AEC inputs, 2 mic/line inputs, 4 mic/line outputs, & codec interface. DSP for videoconferencing applications	2,998.00
0228.900	Remote Control Bus Hub for 'multi-branch' wiring of control network	398.00
0268.900	Remote Control; surface-mounted with high contrast OLED display & 32 selectable system volumes and actions	598.00
0280.900	Remote Control; flush-mounts using retro-fit plate (included) or in North American installations with a Raco® 254 gang box (not-included)	598.00
0131.900	Remote panel w/ 1 level control in single 'decorator' electrical box	70.00
0132.900	Remote panel w/ 2 level controls in single 'decorator' electrical box	90.00
0134.900	Remote panel w/ 4 switches in single 'decorator' electrical box	140.00
0165.900	8 selectable actions on single-gang rotary encoder panel	356.00
0230.00	10 double-gang raceway boxes [for Volume/Select 8 panels]	500.00
0229.00	20 single-gang raceway boxes [for Volume 8 & Select 8 panels]	300.00
0207.900	Voltage Control Box [4 pot. & 4 logic connections] for Audia/Nexia control	258.00
0164.900	8 selectable levels on single-gang rotary encoder panel	356.00
0166.900	8 each selectable levels/actions on two-gang rotary encoder panel	430.00
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0402.900	6 inch gooseneck miniaturized cardioid condenser microphone with a fully integrated preamp, white	434.00
0403.900	6 inch gooseneck miniaturized supercardioid condenser microphone with a fully integrated preamp, white	478.00
0401.900	Metal Safety Junction Box to house connectors and plenum rated cable where required by code.	40.00
0338.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit	1,398.00
0410.900	Netgear®24-port Gigabit Smart Switch with AVB software loaded, 2 SFP GBIC fiber slots, and rack mount kit, Version 4	1,398.00
0337.900	PHIHONG Gigabit PoE+ Injector, IEEE802.3af compliant, IEEE802.3at classified, 90-264 VAC Input Voltage	144.00
0333.900	Tesira AVB network card capable of up to 420x420 channels	838.00
0334.900	Tesira AVB network card capable of up to 420x420 channels (Card Kit)	938.00
0307.900	Tesira DSP card with two DSPs	838.00
0323.900	Tesira DSP card with two DSPs (Card Kit)	938.00
0339.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD	732.00
0340.900	Tesira 4 channel mic/line input card with AEC for the EX-MOD (Card Kit)	832.00
0312.900	Tesira 4 channel mic/line input card for the EX-MOD	354.00
0330.900	Tesira 4 channel mic/line input card for the EX-MOD (Card Kit)	454.00
0314.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD	334.00
0332.900	Tesira 2 channel mic/line input & 2 channel mic/line output card for the EX-MOD (Card Kit)	434.00

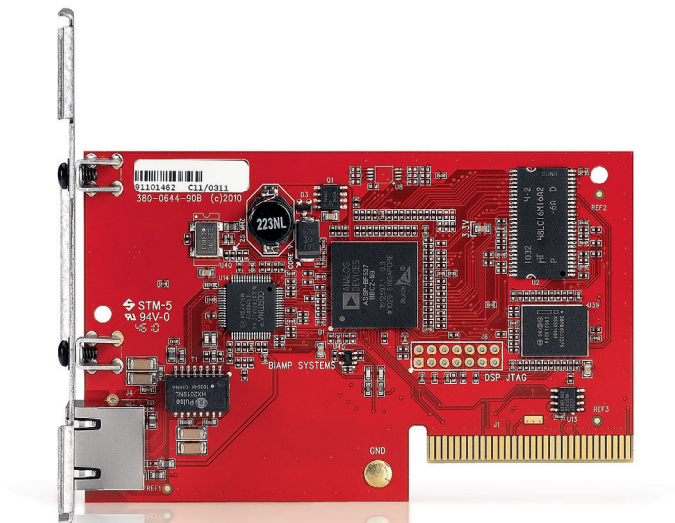
Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0313.900	Tesira 4 channel mic/line output card for the EX-MOD	312.00
0331.900	Tesira 4 channel mic/line output card for the EX-MOD (Card Kit)	412.00
0341.900	Tesira 4 channel mic/line input expander with AEC and PoE+	1,778.00
0308.900	Tesira 4 channel mic/line input expander PoE+	1,398.00
0310.900	Tesira 2 channel mic/line input & 2 channel mic/line output expander PoE+	1,398.00
0315.900	Tesira PoE logic expander with 16 logic GPIO (4 GPIO are configurable for potentiometer interface)	628.00
0311.900	Tesira Modular expander that is capable of using up to 3 expander cards	1,888.00
0309.900	Tesira 4 channel mic/line output expander PoE+	1,398.00
0354.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel	732.00
0355.900	Tesira 4 channel mic/line input card with ambient noise compensation per channel (Card Kit)	838.00
0317.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis	838.00
0326.900	Tesira 32x32 CobraNet® module for use in SERVER or SERVER-IO chassis (Card Kit)	938.00
0304.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel	732.00
0329.900	Tesira 4 channel mic/line input card with acoustic echo cancellation per channel (Card Kit)	832.00
0300.900	Tesira DSP server with 1 DSP-2 card (7 additional DSP-2 cards can be added), 1 AVB-1 network card (1 additional AVB-1 card can be added)	7,980.00
0278.900	Tesira DSP server with up to 48 channels of I/O, 1 DSP-2 card (2 additional DSP-2 cards can be added) no AVB-1 network card	6,720.00

Biamp MSRP Price List		
Tesira Controls, Accessories, and Microphones		
Part Number	Long Description	List Price/MSRP/ Price for Resale
0301.900	Tesira DSP server with up to 48 channels of I/O, 1 AVB-1 network card and 1 DSP-2 card (2 additional DSP-2 cards can be added)	7,350.00
0302.900	Tesira 4 channel mic/line input card	354.00
0325.900	Tesira 4 channel mic/line input card (Card Kit)	454.00
0303.900	Tesira 4 channel mic/line output card	312.00
0324.900	Tesira 4 channel mic/line output card (Card Kit)	412.00
0306.900	Tesira 2 line POTS telephone interface card	628.00

DATA SHEET

TESIRA® SVC-2

2 LINE MODULAR VOICE OVER INTERNET PROTOCOL CARD



The Tesira® SVC-2 is a modular Voice over Internet Protocol (VoIP) card for use with Tesira SERVER and SERVER-IO devices. The SVC-2 allows a Tesira system to connect directly to IP-based telephone systems. When used in conjunction with Automatic Echo Cancellation processing, Tesira becomes an extraordinarily powerful, flexible and affordable conferencing platform.

BENEFITS

- Modular I/O cards can be mixed-and-matched both in Tesira SERVER and Tesira SERVER-IO
- Integration into VoIP network allows Tesira to manage entire teleconferencing system
- Fully configurable and controllable in software

SYSTEM FEATURES

- Control via Tesira software or third-party control
- Extensive customization parameters and options
- Logic control within Tesira or RCB devices
- RoHS Compliant
- Covered by Biamp Systems' 5-year warranty

TELEPHONY FEATURES

- Two concurrent, independent calls
- Caller ID, Hold capability, Redial, 16-entry Speed Dial
- Adjustable Auto-Answer
- Combined level adjustment for call progress and DTMF tones
- Country-specific tone plans

VoIP FEATURES

- SIP v2 (RFC 3261 and companion RFCs)
- SIP Authentication
- Voice activity detection
- Comfort noise generation
- Dynamic jitter buffer
- Packet loss concealment
- On-hook dialing
- Multiple CODEC support
 - G.711μ
 - G.711A
 - G.722
 - G.729AB
 - G.723.1

NETWORK FEATURES

- Static DHCP IP address assignment
- QoS
 - ToS (RFC 791)
 - 802.1p/q

LOGIC CONTROL INPUTS

Answer, End

CONTROL OUTPUTS

Ring Indication, Line in Use, Line ready

THIRD PARTY COMMANDS

Answer, End, Auto-answer, On/Off hook, Hold, Dial number, Dial speed-dial, Set speed-dial, Redial, Last number dialed, Called ID data, Line in-use status, Line ready status, Ringing status, Transmit level adjust, Receive level adjust

ARCHITECTS & ENGINEERS SPECIFICATION

The telephone interface shall be a two-line, modular card for use with Tesira Server devices, and shall provide an interface to Voice over Internet Protocol (VoIP) service. The card shall be designed for installation at the factory or in the field in a Tesira SERVER or SERVER-IO. The card shall be equipped with a single RJ-45 connector allowing for up to 2 VoIP telephone lines. The operation shall be software configurable and provide integration over Session Initiation Protocol (SIP) v2 or later. The card shall support multiple standardized codecs including G.711μ, G.77A, G.722, G.729AB, and G.723.1. The VoIP interface card shall be compliant with the RoHS directive. Warranty shall be 5 years. The telephone interface shall be a Tesira SVC-2.

DATA SHEET

TESIRAFORTÉ AI

TESIRAFORTÉ AVB AI



The TesiraFORTÉ AI is a digital audio server with 12 analog inputs and 8 analog outputs and includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB AI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ AI also provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ AI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using voice lift and mix-minus, such as conference rooms or council chambers.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- SpeechSense™ technology enhances speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB AI & TESIRAFORTÉ AI: STANDARD MODEL FOR HIGH-QUALITY AUDIO

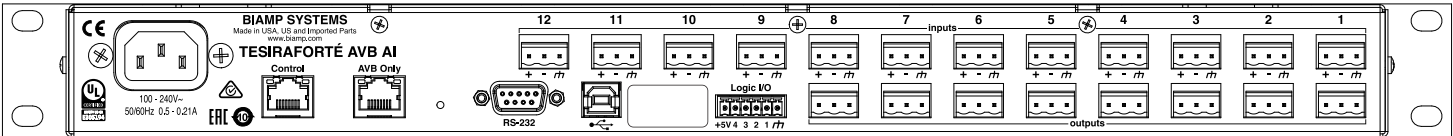
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB AI (for AVB model) or TesiraFORTÉ AI (for non-AVB model).

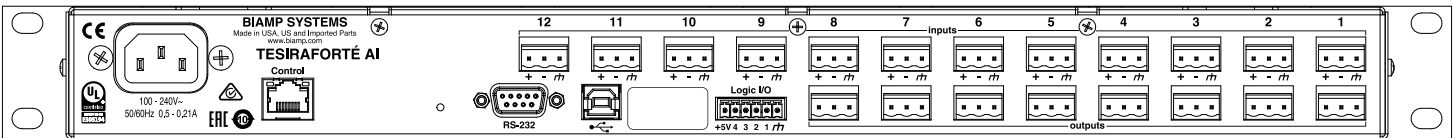
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output	+0.25dB/-0.5dB	Phantom Power:	+48 VDC (7mA/input)
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	< -85dB < -75dB
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	Sampling Rate:	48kHz
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	A/D - D/A Converters:	24-bit
Input Impedance (balanced):	8kΩ	Power Consumption (100-240VAC 50/60Hz):	< 35W
Output Impedance (balanced):	207Ω	USB:	
Maximum Input:	+24dBu	Bit Depth:	16- or 24-bit
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu	Number of Channels:	up to 8
Input Gain Range: (6dB steps):	0dB to 66dB	Sample Rate:	48kHz
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)

TESIRAFORTÉ AVB AI BACK PANEL



TESIRAFORTÉ AI BACK PANEL



DATA SHEET

TESIRAFORTÉ CI

TESIRAFORTÉ AVB CI



The TesiraFORTÉ CI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB CI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ CI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ CI is best suited for small- to medium-sized rooms that require high-quality audio solutions using AEC, voice lift, and mix-minus, such as conference rooms or distance learning environments.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB CI & TESIRAFORTÉ CI: EXTERNAL CODEC CONFERENCING SOLUTION

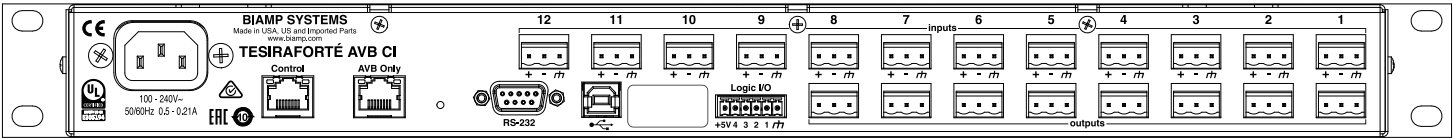
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB CI (for AVB model) or TesiraFORTÉ CI (for non-AVB model).

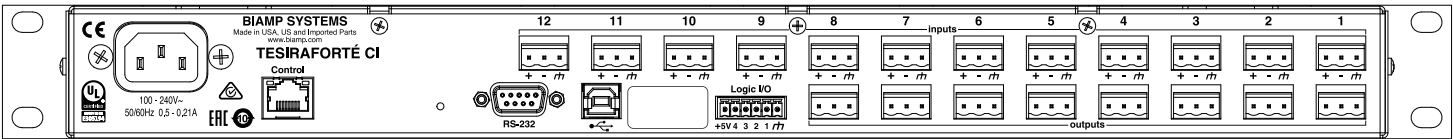
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output	+0.25dB/-0.5dB	Phantom Power: Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	+48 VDC (7mA/input) < -85dB < -75dB
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Sampling Rate: A/D - D/A Converters:	48kHz 24-bit
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	Power Consumption (100-240VAC 50/60Hz):	< 35W
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	USB: Bit Depth: Number of Channels: Sample Rate:	16- or 24-bit up to 8 48kHz
Input Impedance (balanced):	8kΩ	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)
Output Impedance (balanced):	207Ω		
Maximum Input:	+24dBu		
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu		
Input Gain Range: (6dB steps):	0dB to 66dB		
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)		

TESIRAFORTÉ AVB CI BACK PANEL



TESIRAFORTÉ CI BACK PANEL



DATA SHEET

TESIRAFORTÉ TI

TESIRAFORTÉ AVB TI



The TesiraFORTÉ TI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio, and a standard telephone interface via a RJ-11 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB TI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ TI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ TI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using voice lift, mix-minus, and AEC such as conference rooms or training facilities that require a standard telephone interface.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Standard telephone interface via a RJ-11 connector
- Fully compatible with Tesira servers, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB TI & TESIRAFORTÉ TI: CONFERENCING OVER STANDARD TELEPHONE SERVICE SOLUTION

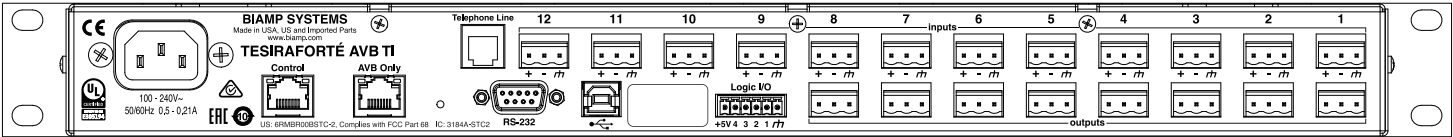
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The inputs shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall integrate to standard telephony communications on a RJ-11 connector for a single line of telephone communication. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB TI (for AVB model) or TesiraFORTÉ TI (for non-AVB model).

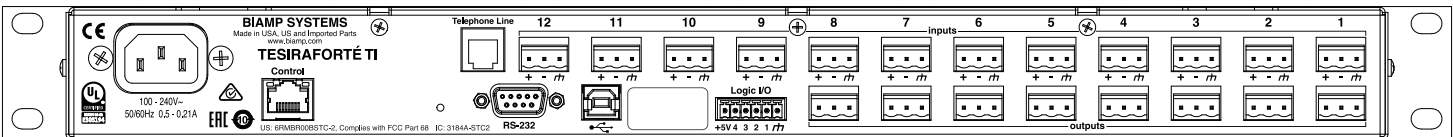
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output	+0.25dB/-0.5dB	Phantom Power: Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	+48 VDC (7mA/input) < -85dB < -75dB
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Sampling Rate:	48kHz
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	A/D - D/A Converters:	24-bit
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	Power Consumption (100-240VAC 50/60Hz):	< 35W
Input Impedance (balanced):	8kΩ	USB: Bit Depth: Number of Channels: Sample Rate:	16- or 24-bit up to 8 48kHz
Output Impedance (balanced):	207Ω	Compliance:	FCC Part 15B (USA) FCC Part 68 (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)
Maximum Input:	+24dBu		
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu		
Input Gain Range: (6dB steps):	0dB to 66dB		
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)		

TESIRAFORTÉ AVB TI BACK PANEL



TESIRAFORTÉ TI BACK PANEL



DATA SHEET

TESIRAFORTÉ VI

TESIRAFORTÉ AVB VI



The TesiraFORTÉ VI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio, and a 2-channel VoIP interface via a RJ-45 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB VI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ VI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ VI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using VoIP, voice lift, mix-minus, and AEC such as board rooms or distance training facilities.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- SIP VoIP interface via a RJ-45 connector
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB VI & TESIRAFORTÉ VI: VOIP CONFERENCING SOLUTION

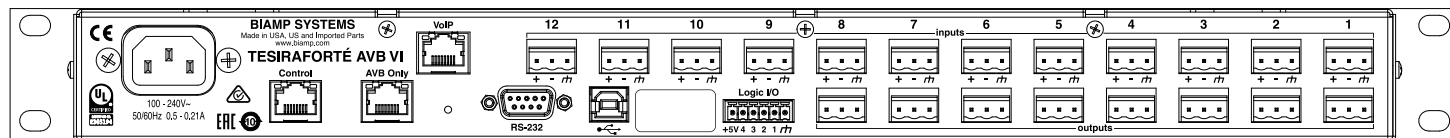
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall integrate to Voice Over Internet Protocol (VoIP) systems on a RJ-45 connector for two lines of VoIP communication and shall support Session Initiation Protocol (SIP) v2.0 or later. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB VI (for AVB model) or TesiraFORTÉ VI (for non-AVB model).

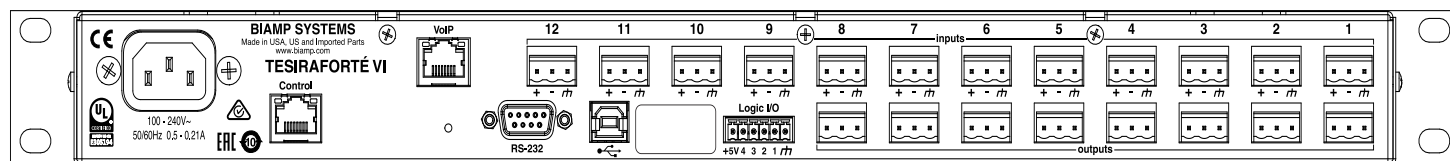
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz, +4dBu output	+0.25dB/-0.5dB	Phantom Power: Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	+48 VDC (7mA/input) < -85dB < -75dB
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Sampling Rate:	48kHz
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	A/D - D/A Converters:	24-bit
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	Power Consumption (100-240VAC 50/60Hz):	< 35W
Input Impedance (balanced):	8kΩ	USB: Bit Depth: Number of Channels: Sample Rate:	16- or 24-bit up to 8 48kHz
Output Impedance (balanced):	207Ω	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)
Maximum Input:	+24dBu		
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu		
Input Gain Range: (6dB steps):	0dB to 66dB		
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)		

TESIRAFORTÉ AVB VI BACK PANEL



TESIRAFORTÉ VI BACK PANEL



DATA SHEET

TESIRAFORTÉ AI

TESIRAFORTÉ AVB AI



The TesiraFORTÉ AI is a digital audio server with 12 analog inputs and 8 analog outputs and includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB AI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ AI also provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ AI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using voice lift and mix-minus, such as conference rooms or council chambers.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- SpeechSense™ technology enhances speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB AI & TESIRAFORTÉ AI: STANDARD MODEL FOR HIGH-QUALITY AUDIO

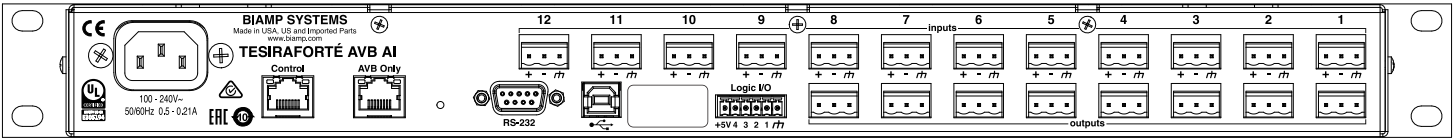
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB AI (for AVB model) or TesiraFORTÉ AI (for non-AVB model).

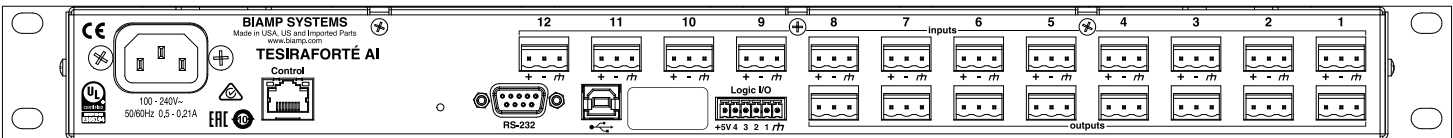
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output	+0.25dB/-0.5dB	Phantom Power:	+48 VDC (7mA/input)
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	< -85dB < -75dB
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	Sampling Rate:	48kHz
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	A/D - D/A Converters:	24-bit
Input Impedance (balanced):	8kΩ	Power Consumption (100-240VAC 50/60Hz):	< 35W
Output Impedance (balanced):	207Ω	USB:	
Maximum Input:	+24dBu	Bit Depth:	16- or 24-bit
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu	Number of Channels:	up to 8
Input Gain Range: (6dB steps):	0dB to 66dB	Sample Rate:	48kHz
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)

TESIRAFORTÉ AVB AI BACK PANEL



TESIRAFORTÉ AI BACK PANEL



DATA SHEET

TESIRAFORTÉ DAN AI



The TesiraFORTÉ DAN AI is a digital audio server with 32 bi-directional channels of Dante™ digital audio, 12 analog inputs, and 8 analog outputs, and includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ DAN AI provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay; as well as control, monitoring, and diagnostic tools; all configured through the Tesira software. TesiraFORTÉ DAN AI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using voice lift and mix-minus, such as conference rooms or council chambers.

BENEFITS

- Efficient system design, configuration, and installation with application-specific models
- Enhanced speech detection and processing
- Seamless integration with soft codec conferencing technologies via USB audio input
- Simpler installation process using the default configuration file

FEATURES

- 32x32 channels of digital audio networking via the Dante protocol
- 12 mic/line level inputs, 8 mic/line level outputs
- 2 Gigabit Ethernet ports: Dante digital audio and Tesira control
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay, and much more
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

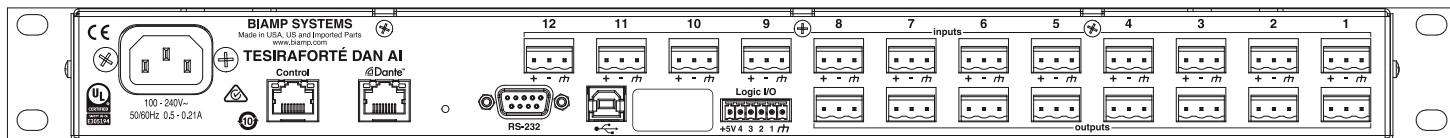
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The server shall support Dante™ digital audio networking that shall allow up to 32 x 32 channels. The Dante Networking connection shall be implemented on a RJ-45 connector. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ DAN AI.

SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz, +4dBu output		Phantom Power: +48 VDC (7mA/input)	
		Crosstalk, channel to channel, 1kHz:	
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input		0dB gain, +4dBu input	
54dB gain, -50dBu input		54dB gain, -50dBu input	
EIN (no weighting, 22Hz to 22kHz):		Sampling Rate:	
		48kHz	
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain		A/D - D/A Converters:	
		24-bit	
Input Impedance (balanced):		Power Consumption (100-240VAC 50/60Hz):	
8kΩ		< 35W	
Output Impedance (balanced):		USB:	
207Ω		Bit Depth:	
Maximum Input:		16- or 24-bit	
+24dBu		Number of Channels:	
Maximum Output (selectable):		up to 8	
+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu		Sample Rate:	
Input Gain Range: (6dB steps):		48kHz	
0dB to 66dB		Compliance:	
Overall Dimensions/Weight:		FCC Part 15B (USA)	
Height: 1.75 inches (44 mm)		Industry Canada CS-03 (Canada)	
Width: 19.0 inches (483 mm)		CE marked (Europe)	
Depth: 10.5 inches (267 mm)		UL and C-UL listed (USA & Canada)	
Weight: 8 lbs (3.63 kg)		RCM (Australia)	
		RoHS Directive (Europe)	

TESIRAFORTÉ DAN AI BACK PANEL



DATA SHEET

TESIRAFORTÉ CI

TESIRAFORTÉ AVB CI



The TesiraFORTÉ CI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB CI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ CI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ CI is best suited for small- to medium-sized rooms that require high-quality audio solutions using AEC, voice lift, and mix-minus, such as conference rooms or distance learning environments.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB CI & TESIRAFORTÉ CI: EXTERNAL CODEC CONFERENCING SOLUTION

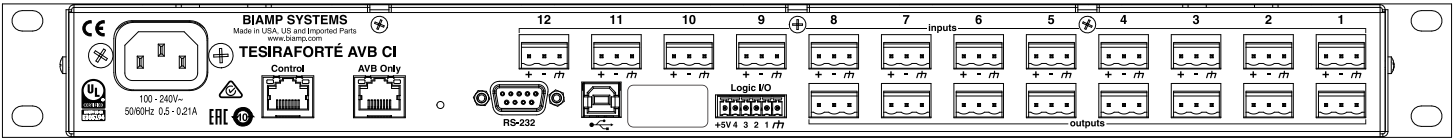
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB CI (for AVB model) or TesiraFORTÉ CI (for non-AVB model).

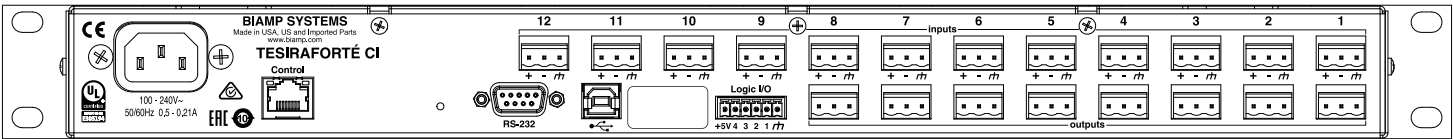
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output	+0.25dB/-0.5dB	Phantom Power:	+48 VDC (7mA/input)
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	< -85dB < -75dB
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	Sampling Rate:	48kHz
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	A/D - D/A Converters:	24-bit
Input Impedance (balanced):	8kΩ	Power Consumption (100-240VAC 50/60Hz):	< 35W
Output Impedance (balanced):	207Ω	USB:	
Maximum Input:	+24dBu	Bit Depth:	16- or 24-bit
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu	Number of Channels:	up to 8
Input Gain Range: (6dB steps):	0dB to 66dB	Sample Rate:	48kHz
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)

TESIRAFORTÉ AVB CI BACK PANEL



TESIRAFORTÉ CI BACK PANEL



DATA SHEET

TESIRAFORTÉ DAN CI



The TesiraFORTÉ DAN CI is a digital audio server with 32 bi-directional channels of Dante™ digital audio, 12 analog inputs with Acoustic Echo Cancellation (AEC), and 8 analog outputs. It also includes up to 8 channels of configurable USB audio. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take advantage of modern conferencing solutions. TesiraFORTÉ DAN CI provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay; as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ DAN CI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using AEC, voice lift, and mix-minus, such as conference rooms or distance learning environments.

BENEFITS

- Efficient system design, configuration, and installation with application-specific models
- Superior call quality with Acoustic Echo Cancellation
- Enhanced speech detection and processing
- Seamless integration with soft codec conferencing technologies via USB audio input
- Simpler installation process using the default configuration file

FEATURES

- 32x32 channels of digital audio networking via the Dante protocol
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- 2 Gigabit Ethernet ports: Dante digital audio and Tesira control
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay, and much more
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

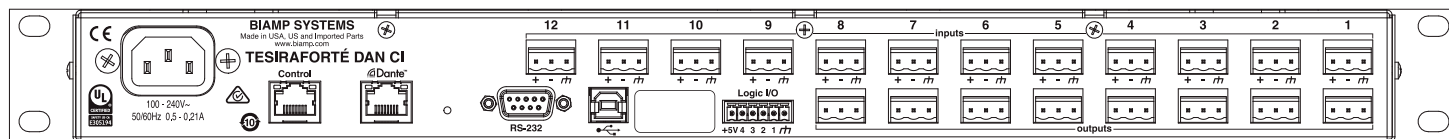
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The server shall support Dante™ digital audio networking that shall allow up to 32 x 32 channels. The Dante Networking connection shall be implemented on a RJ-45 connector. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ DAN CI.

SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz, +4dBu output		+0.25dB/-0.5dB	Phantom Power: +48 VDC (7mA/input)	
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input		< 0.006% < 0.040%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	
EIN (no weighting, 22Hz to 22kHz):		< -125dBu	Sampling Rate:	
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain		> 108dB	A/D - D/A Converters:	
Input Impedance (balanced):		8kΩ	Power Consumption (100-240VAC 50/60Hz):	
Output Impedance (balanced):		207Ω	< 35W	
Maximum Input:		+24dBu	USB:	
Maximum Output (selectable):		+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu	Bit Depth: Number of Channels: Sample Rate:	
Input Gain Range: (6dB steps):		0dB to 66dB	16- or 24-bit up to 8 48kHz	
Overall Dimensions/Weight:		Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance: FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) RoHS Directive (Europe)	

TESIRAFORTÉ DAN CI BACK PANEL



DATA SHEET

TESIRAFORTÉ TI

TESIRAFORTÉ AVB TI



The TesiraFORTÉ TI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio, and a standard telephone interface via a RJ-11 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB TI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ TI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ TI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using voice lift, mix-minus, and AEC such as conference rooms or training facilities that require a standard telephone interface.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Standard telephone interface via a RJ-11 connector
- Fully compatible with Tesira servers, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB TI & TESIRAFORTÉ TI: CONFERENCING OVER STANDARD TELEPHONE SERVICE SOLUTION

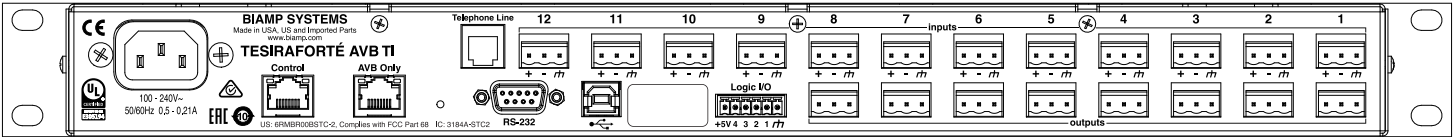
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The inputs shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall integrate to standard telephony communications on a RJ-11 connector for a single line of telephone communication. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB TI (for AVB model) or TesiraFORTÉ TI (for non-AVB model).

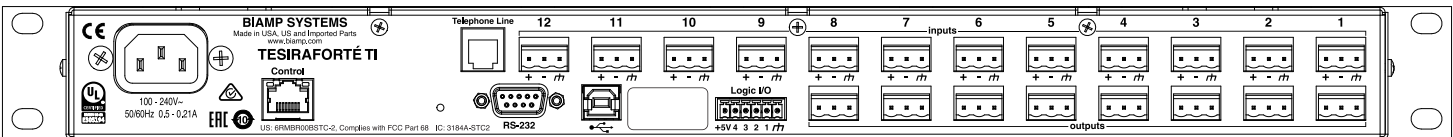
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input EIN (no weighting, 22Hz to 22kHz): Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain Input Impedance (balanced): Output Impedance (balanced): Maximum Input: Maximum Output (selectable): Input Gain Range: (6dB steps): Overall Dimensions/Weight:	+0.25dB/-0.5dB < 0.006% < 0.040% < -125dBu > 108dB 8kΩ 207Ω +24dBu +24dBu, +18dBu, +12dBu, +6dBu , 0dBu, -31dBu 0dB to 66dB Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Phantom Power: Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input Sampling Rate: A/D - D/A Converters: Power Consumption (100-240VAC 50/60Hz): USB: Bit Depth: Number of Channels: Sample Rate: Compliance:	+48 VDC (7mA/input) < -85dB < -75dB 48kHz 24-bit < 35W 16- or 24-bit up to 8 48kHz FCC Part 15B (USA) FCC Part 68 (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)
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TESIRAFORTÉ AVB TI BACK PANEL



TESIRAFORTÉ TI BACK PANEL



DATA SHEET

TESIRAFORTÉ DAN TI



The TesiraFORTÉ DAN TI is a digital audio server with 32 bi-directional channels of Dante™ digital audio, 12 analog inputs with Acoustic Echo Cancellation (AEC), and 8 analog outputs. It also includes up to 8 channels of configurable USB audio and a standard FXO telephone interface via a RJ-11 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of modern conferencing solutions. TesiraFORTÉ DAN TI provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay; as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ DAN TI is best suited for rooms requiring AEC, voice lift, and mix-minus, such as conference rooms or distance learning environments that require an analog telephone connection.

BENEFITS

- Efficient system design, configuration, and installation with application-specific models
- Superior call quality with Acoustic Echo Cancellation
- Enhanced speech detection and processing
- Seamless integration with soft codec conferencing technologies via USB audio input
- Simpler installation process using the default configuration file

FEATURES

- 32x32 channels of digital audio networking via the Dante protocol
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- 2 Gigabit Ethernet ports: Dante digital audio and Tesira control
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- Standard FXO telephone interface via RJ-11 connector
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay, and much more
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

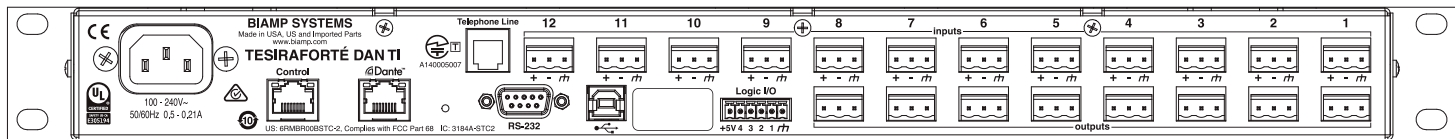
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The server shall support Dante™ digital audio networking that shall allow up to 32 x 32 channels. The Dante Networking connection shall be implemented on a RJ-45 connector. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. Each individual channel shall have its own dedicated connection. The server shall integrate to standard telephony communications on a RJ-11 connector for a single line of telephone communication. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ DAN TI.

SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz ,+4dBu output		+0.25dB/-0.5dB	Phantom Power:		+48 VDC (7mA/input)
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input		< 0.006% < 0.040%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input		< -85dB < -75dB
EIN (no weighting, 22Hz to 22kHz):		< -125dBu	Sampling Rate:		48kHz
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain		> 108dB	A/D - D/A Converters:		24-bit
Input Impedance (balanced):		8kΩ	Power Consumption (100-240VAC 50/60Hz):		< 35W
Output Impedance (balanced):		207Ω	USB:		
Maximum Input:		+24dBu	Bit Depth:		16- or 24-bit
Maximum Output (selectable):		+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu	Number of Channels:		up to 8
Input Gain Range: (6dB steps):		0dB to 66dB	Sample Rate:		48kHz
Overall Dimensions/Weight:		Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance:		FCC Part 15B (USA) FCC Part 68 (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) RoHS Directive (Europe)

TESIRAFORTÉ DAN TI BACK PANEL



DATA SHEET

TESIRAFORTÉ VI

TESIRAFORTÉ AVB VI



The TesiraFORTÉ VI is a digital audio server with 12 analog inputs and 8 analog outputs and includes Acoustic Echo Cancellation (AEC) technology on all 12 inputs. It also includes up to 8 channels of configurable USB audio, and a 2-channel VoIP interface via a RJ-45 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ AVB VI adds Audio Video Bridging (AVB) digital audio networking. The AVB model can be used as a standalone device or can be combined with other TesiraFORTÉ devices and Tesira servers, expanders, and controllers. TesiraFORTÉ VI also provides extensive audio processing, including but not limited to: AEC technology, signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ VI is best-suited for small- to medium-sized rooms that require high-quality audio solutions using VoIP, voice lift, mix-minus, and AEC such as board rooms or distance training facilities.

BENEFITS

- Allows integrators to choose which model works best for the installation environment.
- Application-specific models make system design, configuration, and installation easier and faster.
- Included default configuration file allows for plug-and-play usage.
- Highly scalable and cost-effective solution that can grow over time with the needs of the customer.
- Acoustic Echo Cancellation (AEC) technology on all 12 inputs.
- SpeechSense™ technologies to enhance speech processing.
- Integrates directly with soft codecs and other USB audio hosts.

FEATURES

- 128 x 128 channels of AVB (AVB model only)
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- Gigabit Ethernet port
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- SIP VoIP interface via a RJ-45 connector
- Fully compatible with Tesira servers, endpoints, expanders, and controllers (AVB model)
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay and much more
- **CE** marked, **UL** listed, and **RoHS** compliant
- Covered by Biamp Systems' 5-year warranty

TESIRAFORTÉ AVB VI & TESIRAFORTÉ VI: VOIP CONFERENCING SOLUTION

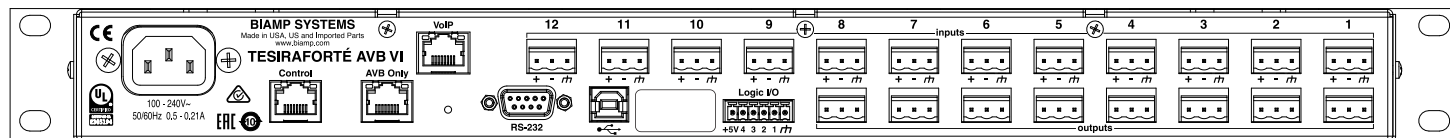
ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The AVB model server shall support Audio Video Bridging (AVB) digital audio networking that shall allow up to 128 x 128 channels. The AVB Networking connection shall be implemented on a RJ-45 connector on the AVB model. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Audio Class 1 transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. The server shall integrate to Voice Over Internet Protocol (VoIP) systems on a RJ-45 connector for two lines of VoIP communication and shall support Session Initiation Protocol (SIP) v2.0 or later. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall control and proxy all Tesira expander-class devices (AVB model only) and Tesira control devices. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ AVB VI (for AVB model) or TesiraFORTÉ VI (for non-AVB model).

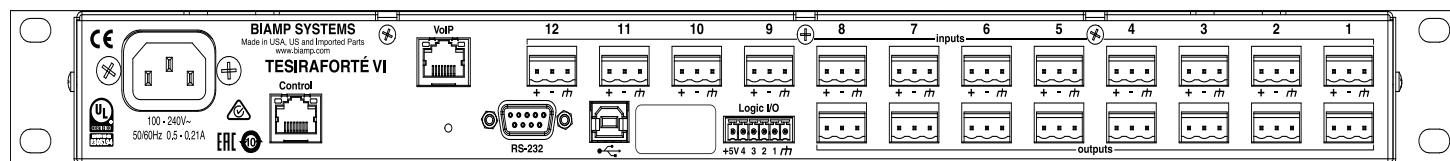
SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz, +4dBu output	+0.25dB/-0.5dB	Phantom Power: Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input 54dB gain, -50dBu input	+48 VDC (7mA/input) < -85dB < -75dB
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input 54dB gain, -50dBu input	< 0.006% < 0.040%	Sampling Rate:	48kHz
EIN (no weighting, 22Hz to 22kHz):	< -125dBu	A/D - D/A Converters:	24-bit
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain	> 108dB	Power Consumption (100-240VAC 50/60Hz):	< 35W
Input Impedance (balanced):	8kΩ	USB: Bit Depth: Number of Channels: Sample Rate:	16- or 24-bit up to 8 48kHz
Output Impedance (balanced):	207Ω	Compliance:	FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) EAC (Eurasian Customs Union) RoHS Directive (Europe)
Maximum Input:	+24dBu		
Maximum Output (selectable):	+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu		
Input Gain Range: (6dB steps):	0dB to 66dB		
Overall Dimensions/Weight:	Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)		

TESIRAFORTÉ AVB VI BACK PANEL



TESIRAFORTÉ VI BACK PANEL



DATA SHEET

TESIRAFORTÉ DAN VI



The TesiraFORTÉ DAN VI is a digital audio server with 32 bi-directional channels of Dante™ digital audio, 12 analog inputs with Acoustic Echo Cancellation (AEC), and 8 analog outputs. It also includes up to 8 channels of configurable USB audio, and a 2-channel SIP VoIP interface via a RJ-45 connector. USB audio allows TesiraFORTÉ to interface directly with USB audio hosts, as well as to take full advantage of today's most sophisticated conferencing solutions. TesiraFORTÉ DAN VI provides extensive audio processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay; as well as control, monitoring, and diagnostic tools; all configured through the Tesira configuration software. TesiraFORTÉ DAN VI is best suited for room requiring AEC, voice lift, and mix-minus, such as conference rooms or distance learning environments that use VoIP.

BENEFITS

- Efficient system design, configuration, and installation with application-specific models
- Superior call quality with Acoustic Echo Cancellation
- Enhanced speech detection and processing
- Seamless integration with soft codec conferencing technologies via USB audio input
- Simpler installation process using the default configuration file

FEATURES

- 32x32 channels of digital audio networking via the Dante protocol
- 12 mic/line level inputs with AEC, 8 mic/line level outputs
- 2 Gigabit Ethernet ports: Dante digital audio and Tesira control
- Up to 8 channels of configurable USB audio
- RS-232 serial port
- 4-pin GPIO
- 2-line OLED display with capacitive-touch navigation
- Rack mountable (1RU)
- System configuration and control via Ethernet
- Internal universal power supply
- SIP VoIP interface via a RJ-45 connector
- Signal processing via intuitive software allows configuration and control for signal routing, mixing, equalization, filtering, delay, and much more
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' 5-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio network server shall be designed exclusively for use with Tesira systems. The server shall support Dante™ digital audio networking that shall allow up to 32 x 32 channels. The Dante Networking connection shall be implemented on a RJ-45 connector. The server shall support Ethernet connection for programming and control on a RJ-45 connector. The server shall have internal DSP processing. The server shall include 4 channels of General Purpose Input and Output connection (GPIO) for sending or receiving logic signals. The programming of the GPIO ports shall be software configurable. The server shall include a RS-232 connection for control data transmission into or out of the server and such operation shall be software programmable. The server shall include a Universal Serial Bus (USB) connection on a standard USB-B type connector. The server shall be software configurable to stream up to 8 channels of digital USB Class 1 Audio transmission either into or out of the server or simultaneous input and output. The server shall provide 12 balanced input connections for receiving of microphone or line level analog audio signals on screw-down, removable connectors. The input connections shall include Acoustic Echo Cancellation (AEC) hardware and firmware, the parameters, routing and operation of which shall be software programmable. The server shall provide 8 balanced output channels for the transmission of microphone or line level analog audio signals on screw-down, removable connectors. Each individual channel shall have its own dedicated connection. Each individual channel shall have its own dedicated connection. The server shall integrate to Voice Over Internet Protocol (VoIP) systems on a RJ-45 connector for two lines of VoIP communication and shall support Session Initiation Protocol (SIP) v2.0 or later. The server shall provide front panel OLED identification of server power, status, alarm, and activity as well as system-wide alarm. The server shall be rack mountable (1RU) and feature software-configurable signal processing, including but not limited to: signal routing and mixing, equalization, filtering, dynamics, and delay, as well as control, monitoring, and diagnostic tools. The server shall be CE marked, UL listed and shall be compliant with the RoHS directive. Warranty shall be five years. The server shall be TesiraFORTÉ DAN VI.

SERVER SPECIFICATIONS

Frequency Response: 20Hz to 20kHz, +4dBu output		+0.25dB/-0.5dB	Phantom Power:		+48 VDC (7mA/input)
THD+N (22Hz to 22kHz): 0dB gain, +4dBu input		< 0.006%	Crosstalk, channel to channel, 1kHz: 0dB gain, +4dBu input		< -85dB
54dB gain, -50dBu input		< 0.040%	54dB gain, -50dBu input		< -75dB
EIN (no weighting, 22Hz to 22kHz):		< -125dBu	Sampling Rate:		48kHz
Dynamic Range (in presence of signal): 22Hz to 22kHz, 0dB gain		> 108dB	A/D - D/A Converters:		24-bit
Input Impedance (balanced):		8kΩ	Power Consumption (100-240VAC 50/60Hz):		< 35W
Output Impedance (balanced):		207Ω	USB:		
Maximum Input:		+24dBu	Bit Depth:		16- or 24-bit
Maximum Output (selectable):		+24dBu, +18dBu, +12dBu, +6dBu, 0dBu, -31dBu	Number of Channels:		up to 8
Input Gain Range: (6dB steps):		0dB to 66dB	Sample Rate:		48kHz
Overall Dimensions/Weight:		Height: 1.75 inches (44 mm) Width: 19.0 inches (483 mm) Depth: 10.5 inches (267 mm) Weight: 8 lbs (3.63 kg)	Compliance:		FCC Part 15B (USA) Industry Canada CS-03 (Canada) CE marked (Europe) UL and C-UL listed (USA & Canada) RCM (Australia) RoHS Directive (Europe)

TESIRAFORTÉ DAN VI BACK PANEL

