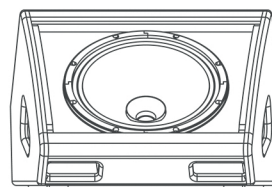




## LAm114xA Plus

ACTIVE COAXIAL STAGE MONITOR



LAm114xA PLUS is a plus Editions of the famous LAm114xA, using a new DSP and Amplifier module, ethernet controlled via Software X-NET, keeping the same desing and measures. To fulfil all the artist´s performance needs the LAm114xA PLUS aimed to provide the musicians a perfect listening on the most demanding situations. The LAm114xA Plus stage monitor incorporates advanced coaxial 14" B&C Custom made speaker and a high performance amplifier module, capable of generating 1,650W (rms) for a very high acoustic pressure, remotely monitored and controlled through ethernet by a PC using X-NET Software. The design combines the voice reproduction clarity associated with 12" drivers with the bass extension typically of 15" speakers. The high-frequency reproduction is handled by a 2-inch exit, 3-inch voice coil, HF neodymium driver for the critical voice frequency range.

<b>Product Type</b> Active Coaxial Stage Monitor	<b>Frequency Response (-6dB)</b> 55Hz - 19.000Hz	<b>Nominal Coverage (-6dB)</b> 80° Conical	<b>Mains Connector</b> Dual (IN/OUT) Neutrik powerCON TRUE1 TOP®
<b>Amplifier Technology</b> 2-Channel UMAC Class D - Full Bandwidth PWM Modulator With Ultra-Low Distortion	<b>LF Section Power</b> 1150W	<b>HF Section Power</b> 500W	<b>Handles</b> 1 on Each Side
<b>DSP Technology</b> 96kHz / 40 bit SHARC DSP	<b>Latency</b> 1.5ms	<b>DSP Adjustable Parameters</b> Filters: PEQ, FIR, hi/lo-shelving, all-pass, band-pass, hi/lo-pass   Limiters: RMS Voltage, Peak Voltage   Groups: Mute, Delay, Level, Polarity, EQ	<b>Finish</b> Semi-Matte Black Polyurea Coating
<b>DSP Presets</b> 24 (4 User Presets)	<b>Delay Adjustment</b> 500ms (172m) on Input + 400ms (138m) on Groups	<b>Control Type</b> Control via LCD and Encoder on the Back Panel   Control via Software using Ethernet - Max. Cable Length 70m	<b>Accessories</b> Speaker Cabinet Auto-Identification via Software
<b>Maximum SPL (calculated)</b> 135dB / 138dB (Half-Space)	<b>Low Frequency Driver</b> 1 x 14" (355mm) / 3" (76mm) VC, Neodymium, B&C custom speaker	<b>High Frequency Driver</b> 1 x 2" (50.5mm) exit / 3" (76mm) VC, Neodymium, B&C custom speaker	<b>Power Consumption</b> 225W
<b>Audio Signal Inputs</b> Analog   AES (AESOP)	<b>Input Connectors</b> 1 x XLR   1 x Neutrik EtherCON®	<b>Audio Signal Outputs</b> Analog   AES (AESOP)	<b>Grille</b> Black Perforated Steel
<b>Output Connectors</b> 1 x XLR   1 x Neutrik EtherCON®	<b>Protections</b> Clip Limiter   Temperature   Over Current   DC Protection   HF Protection	<b>Operating Temperature Range</b> 0°C - 40°C	<b>Dimensions (WxHxD)</b> 564 x 390 x 475 mm
<b>Cooling Type</b> External Aluminum Heat Sink with Internal Speed Controlled Fan	<b>Power Supply</b> UREC Universal Mains Switch Mode Power Supply (SMPS) with Power Factor Correction (PFC) and Standby Converter	<b>Power Input</b> AC 100V - 240V 50Hz/60Hz	<b>Special Features</b> Speaker Cabinet Auto-Identification via Software
<b>Net Weight</b> 21kg (46.3lb)			<b>Construction</b> Multi-Laminate Birch Plywood