

LAm112x

Bi-Amp/Full-Range Coaxial Stage Monitor



- Switchable Full-Range/Bi-Amp Operation
- Highly coherent coaxial design
- Very smooth and clear sound
- 12" LF and 1.4" HF neodymium drivers
- Compact low profile

OVERVIEW

The NEXT LAm112x is a compact switchable passive / biamped, coaxial, low-profile floor monitor designed to bring out the important voices and instruments while being particularly feedback-resistant.

The heart of this monitor is a powerful 12", 3" voice coil, neodymium driver coaxially coupled to a, 3" Polyester/Titanium diaphragm, compression driver loaded to a 80° conical waveguide.

The coaxial approach allows all frequencies to be emanated from the exact same point generating a coherent single spherical wave front with a perfect dispersion control, eliminating crossover region problems and time/phase irregularities, as well as optimizing coherency, for a perfect listening in every position.

Both HF and LF coils utilize the same neodymium magnet assembly, which gives better efficiency and reduced weight.

The LAm112X comes with switch for a easy selection between the passive crossover and the zero resistant bi-amp mode of operation.

It comes with 2 Neutrik NL-4 connectors discreetly mounted on the enclosure bottom.

Cabinets are made in Baltic Birch plywood, finished with an extremely resistant paint for an extensive use on the road.

Its front is protected by a rigid metal grill with acoustically-transparent foam. Two ergonomic side handles, are provided for an easier transport.

TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Bass Reflex Coaxial Full-Range Monitor
Acoustical Data	
Frequency Response (-6dB):	68Hz - 18kHz
Low Frequency Extension (-10dB):	59Hz
Sensitivity (1W@1m) FR:	104dB (Half-Space)
Sensitivity (1W@1m) LF:	105dB (Half-Space)
Sensitivity (1W@1m) HF:	111dB (Half-Space)
Calculated Max. SPL (Cont/Peak) FR:	132.5dB/138.5dB (Half-Space)
Calculated Max. SPL (Cont/Peak) LF:	133.5dB/139.5dB (Half-Space)
Calculated Max. SPL (Cont/Peak) HF:	133dB/139dB (Half-Space)
Coverage Angle -6dB (HxV):	80° conical
Drivers	
Low Frequency:	1 x 12" (300mm)/3" (76mm) VC, B&C custom speaker
High Frequency:	1 x 1.4" (36mm) exit/3" (75mm) VC, B&C custom compression driver
Electrical Data	
Program/Peak Power FR:	700W/1400W
Program/Peak Power LF:	700W/1400W
Program/Peak Power HF:	160W/320W
Nominal Impedance FR:	8
Nominal Impedance LF:	8
Nominal Impedance HF:	8
Recommended Amplifier:	MA3200 / MA2300
Crossover frequency/Type:	1250Hz/asymmetrical (internal) or 1250Hz/24dB/oct Linkwitz/Riley (external)
Recommended High-Pass Filter:	52Hz, 18dB/oct Butterworth
Connectors:	2 x Neutrik NL4 parallel wired
Enclosure	
Construction:	15mm multi-laminate birch ply
Monitor Angle:	50°
Finish:	Textured black semi-matte coating
Protective grill:	Black perforated steel
Handles:	1 on each side
Dimensions (WxHxD):	518 x 351 x 478 mm
Net Weight:	16.7 kg