

K12sA

Active Front-Loaded Subwoofer



- Active Subwoofer
- Ultra-compact Design
- 12"LF Speaker
- Networkable DSP with Control Software
- Satellite Output

OVERVIEW

Emerging from the R&D Department and following an extensive engineering work, NEXT-proaudio's new single point source line – KUBIX - is intended to provide high performance and fidelity as well as a coverage consistency to the venues.

Designed to be included within fixed installations this single point source series were released to create an uniform wave front without hot spots combining high fidelity, transparency, highly accurate and neutral sounding with a compact format to deliver the best sound to every members of the audience.

The family currently consists on 6 models of two-way coaxial loudspeakers: K5 (5", extended LF, passive), K5+ (5", High sensitivity, passive), K8 (8", passive) K8A (8", active 2-way with DSP), K12 (12", passive) and K12A (12", active 2-way with DSP).

The coaxial full-range models are complemented by high-performance subwoofers: K10s (10", passive), K10sA (10", active with DSP), K12s (12", passive) and K12sA (12", active with DSP). Both models are capable to power external passive "Satellites" such as K5, K8 and K12 as well as other units from the NEXT-proaudio range.

With KUBIX is possible to cover practically all install applications including nightclubs, bars, restaurants, convention centres, hotels, museums and houses of worship.

These versatile speakers work equally well as monitor, on a tripod stand or wall/ceiling/corner-mounted using the available range of mounting accessories.

The active enclosures are powered by integrated, lightweight Class-D audio amplifiers, specially engineered to provide high impact, balanced, rich and transparent

sound at any volume. The integrated networkable DSP provides extended flexibility allowing the user to adjust several important audio processing parameters, input EQ, Input Level, Satellite Level, Input Delay, Satellite Delay, HP/LP filters and Bass Enhancer. A total of 8 selectable PRESET memories are available, 6 already loaded with factory PRESETS and 2 for user personal adjustments.

The KUBIX Series can be supplied in black or white colour as standard as well as in any RAL colour to special order.

TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Active Reflex Subwoofer
Acoustical Data	
Frequency Response (-6dB):	43Hz - X-over
Low Frequency Extension (-10dB):	38Hz
Calculated Max. SPL (Cont/Peak):	131.5dB/134.5dB (Half-Space)
Drivers	
Low Frequency:	1 x 12" (300mm)/3.5" (88mm) VC, Neodymium Long Excursion B&C Custom Speaker
Electrical Data	
Connectors:	Signal: 2 x XLR; Power: 2 x PowerCON; Output to external satellite: 1 x Neutrik NL4
Amplifier Module	
Amplifier Technology:	2 Channel Switched Mode Class D with DSP
Subwoofer (internal) (RMS/Program/Peak):	1100W/1480W/2960W
Subwoofer Output (external) (RMS/Program/Peak):	550W/740W/1480W (4)
Controller:	PC Controlled Networkable DSP 24bit/48kHz
System Presets:	6 Factory and 2 User, Selectable via Software or Rear Panel Switch
PC Control:	Via RS485 and Supplied Software "SOUNDWARE"
DSP Adjustable Parameters:	6 PEQ, Delay, HPF, LPF, Polarity, Bass Enhancer, Level, Mute
AC Operating Voltage:	180V - 245VAC
Nominal Power Consumption:	770W
Enclosure	
Dimensions (WxHxD):	490 x 427 x 370 mm
Net Weight:	22 kg