

SMX 12A LT

PRODUCT FEATURES

- Coaxial two-way design
- Dual-channel active system, plug & play setup
- Precise preset with digital-based crossover DSP
- Low digital signal processing floor noise
- 35° and 55° dual monitoring angles
- Daisy chain connection up to 6 units
- Hidden I/O panel

SPECIFICATIONS

| ACOUSTICAL | |
|---------------------------------------|--|
| Frequency range (-3 dB) ¹ | 63 Hz - 18 kHz |
| Frequency range (-10 dB) ¹ | 55 Hz - 20 kHz |
| Coverage angles (-6 dB) [H x V] | 75° x 75° |
| Maximum Peak SPL ² | 126 dB |
| Continuous Maximum SPL ² | 114 dB |
| System type | 2-way coaxial system |
| Crossover frequency | 1.4 kHz |
| Transducers | Coaxial driver with: LF: 1 x 12" driver (2.4" voice coil) HF: 1" compression driver (1.5" voice coil) |
| Enclosure type | Vented box |
| AMPLIFICATION | |
| Type | Amp: Class-D with SMPS |
| Total power ³ | 360 W |
| Output power per channel ⁴ | LF: 180W, HF: 180W |
| Protection | Short circuit, temperature |
| Indicators | LEDs, ON (green) PROTECT (red) |
| Connectors | 1 x XLR-Combo Line input, sym. 1 x XLR Line output, sym., Powercon mains input twist connector Powercon mains output twist connector |
| Wiring | Pin layout XLR: Pin 2: Signal+; Pin 3: Signal-; Pin 1: Shield Pin layout Pin layout powerCON®: Pin N: Neutral; Pin L: Conductor; Pin E: Earth, Ground |
| Operating voltage range | 220 - 240 VAC / 50 - 60 Hz, 1.6A, 100 - 120 VAC / 50 - 60 Hz, 3.15A, 360 W max. |
| Input sensitivity | 0 dBu |
| DSP | 48 kHz/24 Bit with extended dynamics Processing latency: 1.1 ms |
| Processing | Crossover, Limiter, EQ, Level, low noise AD-DA |
| User controls | LEVEL: 8 position rotational switch (-10, -5, -3, -2, -1, 0, +2, +4) 1 x 3-position switch 1 x power on/off switch |

¹ Whole space, -10dBu/1m

² SPL / 1m, whole space, pink noise, 12dB crest factor, +10dBu input level

³ Total power value is the sum of all individual channel output power

⁴ According to EIA-426B Standard

All product specifications are subject to change without prior notice.



PRODUCT DESCRIPTION

The SMX 12A LT is a high-quality active coaxial monitor speaker specifically designed for long-distance, wide-coverage stage monitoring scenarios. It features a dual-channel Class D amplifier and a well-matched impedance, ensuring sufficient power output for both the tweeters and the woofers. The precise preset digital-based crossover DSP provides excellent reproduction of various musical instruments and vocals for the stage.

The cabinet of the SMX 12A LT is made of high-quality plywood and black polyurea paint, offering 35° and 55° monitoring angles. The hidden I/O panel design ensures no visible cables or adjustment hardware when the speaker is placed on the ground, keeping the stage clean and tidy. Additionally, the daisy chain connection capability of up to 6 units allows for quick stage coverage setup.

| MECHANICAL | |
|----------------------------------|--------------------------------|
| Product dimensions [H x W x D] | 342 x 520 x 449mm |
| Net weight | 15.95 kg |
| Packaging dimensions [H x W x D] | 675 x 462 x 563 mm |
| Total weight | 18 kg |
| Cabinet | 15 mm plywood |
| Cabinet finishing | Black polyurea coating |
| Grille | Powder coated perforated steel |
| ACCESSORIES | |
| Transport cover | SMX 12A LT TC |

PRODUCT DRAWINGS

