



## aart T 12 A [CodeNr. 13102]

The aart T 12 A is a self powered, bi-amped 2-Way high-performance multipurpose loudspeaker system, designed for professional portable applications and installations, demanding the ultimate in sound performance from a single enclosure.

With a 90°H x 60°V coverage pattern it combines very high output capability with excellent sound performance and impact. It features a powerful 12"/3" (75mm) voice coil low frequency drive unit, and a 1" (25mm) exit HF compression driver with a 1.75" voice coil for extended high frequency response. The integrated high performance Class D 2-channel amplifier, with integrated 2-channel DSP, delivers outstanding dynamic and excellent headroom. The 4 DSP presets and clearly arranged Input - Output section enable high application flexibility.

The versatile aart T 12 A suits for speech and music applications as a stand-alone fullrange loudspeaker or MF/HF speaker in sound reinforcement systems.

### Specification

Loudspeaker Type	Self-powered, two-way bi-amped, multifunctional
Frequency Range (-10dB)	50 Hz - 20 kHz
Frequency Response (+- 3dB)	55 Hz - 18 kHz
Coverage Pattern	H 90° x V 60° nominal (user-rotatable)
Power Handling	500 W continuous, 2000 W peak
System Sensitivity (1w/1m)	98 dB
Maximum SPL (Calculated at 1m)	125 dB continuous, 131 dB peak
HF Driver	1,75"voice coil, 1" exit compression driver
LF Driver	12", 3" voice coil neodym speaker
Crossover	Active / DSP
Protection	Dual-band limiter
Active Tuning / Features	4 DSP presets, 2 x Line/Mic IN level & switch, Line/Mix
Enclosure	Multi-angle, 15 mm birch plywood
Finish	Black polyurea coating
Fittings	7x M8 inserts, 1x bar handle, pole socket, U-bracket
Protective Grille	Black perforated steel with acoustic transparent foam
Connectors	2x XLR / 6.35 Jack Combo, 1x XLR
Dimensions mm (WxHxD)	380 x 585 x 350
Weight	16 kg

### Key features

- > High-class performance in a compact design
- > Class D bi-amped power module
- > User-rotatable, constant directivity 90° x 60° horn
- > Vertical and horizontal orientation
- > 4 DSP presets
- > Dual-band limiter
- > Two inputs with level control, XLR/6.3 Jack Combo, one with MIC/LINE switch and with high-resolution microphone pre-amplifiers (in MIC mode)
- > Line/Mix OUT switchable
- > Main and monitor operation possible
- > M8 inserts for flexible mounting options
- > Weight only 16 kg

### Application

- > Portable sound reinforcement
- > Installation
- > Live Music
- > Bars and restaurants
- > Nightclubs
- > Stage monitoring
- > Corporate AV events and conferences

### Recommended with

- > Subs:  
SUB 15 A, SUB 18 A

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