



aart P 12 A

The aart P 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° x 60° coverage pattern it combines very high output capability with excellent sound performance and impact. It features a powerful 12" (380mm) / 3" (75mm) voice coil LF Neodym drive unit, and a 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 with FIR technology, delivers outstanding dynamic and excellent headroom. The 4 DSP presets and clearly arranged Input - Output section enable high application flexibility. The versatile aart P 12 A suits for speech and music applications as a stand-alone fullrange loudspeaker or MF/HF speaker in sound reinforcement systems.

Key features

- > High-class performance in a compact design
- > Class D bi-amped power module
- > Vertical and horizontal orientation
- > 4 DSP presets, FIR
- > 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
- > Neodym 12" speaker

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

For more informations please check our webside or contact us.

Specification

Loudspeaker Type	Self-powered, two-way bi-amped, multifunctional
Frequency Range (-10dB)	50 Hz - 20 kHz
Frequency Response (+- 3dB)	60 Hz - 18 kHz
Coverage Pattern	H 90° x V 60° nominal
Power Handling	500 W continuous, 2000 W peak
System Sensitivity (1w/1m)	98 dB
Maximum SPL (Calculated at 1m)	124 dB continuous, 130 dB peak
HF Driver	1,75" voice coil, 1" exit compression driver
LF Driver	12", 3" voice coil neodym speaker aaCRAFT
Crossover	Active / DSP
Protection	Dual-band limiter
Active Tuning / Features	4 DSP presets, FIR, 2 x Line/Mic IN level & switch, Line/Mix OUT
Enclosure	Multi-angle, PP composite
Finish	Black
Fittings	2x handle, pole-mount socket
Protective Grille	Black perforated steel with acoustic transparent foam backing
Connectors	2x XLR / 6.35 Jack Combo, 1x XLR, PowerCon In/Out
Dimensions mm (WxHxD)	365 x 605 x 360
Weight	16 kg

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SOLTON Acoustic GmbH & Co. KG

Oberer Mühlweg 6 | Pocking | GERMANY | T +49 8531 913880

mail@solton.com | www.solton.com