MANTAS 28

Mantas 28 is one of the most recent Vertical Line Array element designed by Outline. Thanks to the great experience accumulated with Butterfly – the Outline system with the same fundamental components and characteristics – Mantas 28 offers leading edge performance from a cabinet that is extraordinarily compact and lightweight.



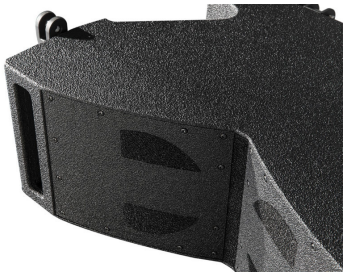


Cena:
Kategorie: Audio, Scena, Głośniki, Instalacje AV, Nagłośnienie obiektów

GALLERY IMAGES
















OPIS

Its top-grade components – two 8-inch midwoofers with Neodymium magnets and a 3-inch compression driver loaded with the well-known D.P.R.W.G. – ensure absolutely insignificant distortion levels and greater reliability.

In simple operational terms, Mantas 28 can best be described as a ‘compact, medium throw’ line-source system, delivering exceptional intelligibility, headroom and power up to around 60 metres depending on location and configuration. Many systems can make the same claim in terms of performance, but very few achieve these results from an enclosure which is so small and light in weight.

In recent years the developmental race in line-source systems has been all about output and coverage relative to size. Mantas 28 leads this race by utilising the same key audio technologies as its larger siblings but in a super-compact enclosure whose audio performance seems at first to be simply impossible given the size of the loudspeaker. But it IS possible – with Outline’s unique designs, top quality components and world-class audio engineering.

Along with suitable low-frequency elements, Mantas 28 can be the core component of a flexible sound reinforcement system able to handle a huge range of projects with ease. Loud enough for rock ‘n’ roll, but with the detail and intimacy necessary for theatre, Mantas 28 is the perfect solution not only for busy mobile sound operators but permanent installation in multi-purpose venues. Its design and adaptability also makes it perfect for cross-rental as it is ideal for use as side-fills, delays or side-hangs in much larger Outline (and other) systems.

Features

- Line array element for mid and high frequency reproduction

- Industry standard for sound reinforcement of all kinds and dimensions
- Bold design. Unmistakable “Outline”
- Enormous SPL in spite of its small form factor
- Optimal coupling of array elements up to the highest frequencies
- Full compatibility with **Superfly**
- Equipped with a 3″ compression driver coupled with a D.P.R.W.G. wave guide
- Designed for bi-amping
- Good cost : efficiency ratio
- 120° horizontal coverage
- High consistency and high efficiency as a result of the very precise cabinet design
- New high-precision integrated rigging hardware
- Ideal as the main system for theatres, medium-size festivals (up to 60 m) and indoor sports venues
- Flexibility: it can be used as delay, side-fill or down-fill for bigger systems (GTO and C-12)

PERFORMANCE SPECIFICATIONS

Frequency Response (-10 dB)	90 Hz – 18 kHz
Horizontal Dispersion	120°
Vertical Dispersion	Array design dependent
Splay Angles available	from 0° to 7.5° in 0.5° step with additional 0.25° position
Operating configuration	Bi-amplified
Impedance Midrange (Nom/Min)	8 Ω / 6.4 Ω
Impedance High (Nom/Min)	8 Ω / 8.4 Ω
Watt AES Midrange (Continuous/Peak)	400 W / 1600 W
Watt AES High (Continuous/Peak)	110 W / 440 W
Maximum SPL Output, one box *	139 dB SPL
Maximum SPL Output, four boxes *	151 dB SPL

** calculated using +10 dB Crest Factor signal @ 1 m, Free Field*

PHYSICAL

Component Midrange	2 x 8” NdFeB partially horn loaded mid woofer
Component High	1 x 3” diaphragm NdFeB compression driver, DPRWG loaded
Connectors	2 x NL4 in parallel
Cabinet Material	Baltic birch plywood
Cabinet Finish	Black polyurea coating
Grill	Epoxy powder coated
Rigging	Integrated high-load aluminum hardware
Height	278 mm – 11”
Width	756 mm – 29 3/4”
Depth	518 mm – 20 3/8”
Weight	24 kg – 52.9 lb

Top