ALTEA-412A

KEY FEATURES
- Lightweight multi-purpose system with monitor position
- Ultra lightweight Class D amplifier with SMPS
- User definable 24-bit DSP with LCD screen
- Presets: Live, Dance, Vocals, Bass Boost, Vocals & Mode
- Stackable 3-band EQ
- Standby Mode
- Rigging points

APPLICATIONS
- Live sound reinforcement
- Speech and vocals
- Music playback in entertainment
- A/V, and institutional venues

DESCRIPTION
The ALTEA-412A is a powered portable P.A. system with a multi-angle polypropylene enclosure that allows for use as a stage monitor.

On board is Class D two channel amplifier of exceptional quality providing a total of 800 Wpeak power. of the provides extended bandwidth, wide dynamic range and exceptionally low distortion-features hard to find on other systems in this market segment. Digital Finite Impulse Response (FIR) filters are used in the signal processing of the ALTEA-412A system. User configurable voicing, filter and EQ modes, and gain control are achieved by way of a rotary-knob interface and LCD screen on the rear of the cabinet.

The 12M14 loudspeaker provides accurate low frequency reproduction with a deep, powerful bass. High frequencies are handled by the M-32 FEM optimized compression driver with 1” exit offering excellent performance.

SPECIFICATIONS

Performance
<table>
<thead>
<tr>
<th>Frequency Range (-10 dB)</th>
<th>60 Hz - 20 kHz</th>
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</thead>
<tbody>
<tr>
<td>Horizontal Coverage (-6 dB)</td>
<td>90°</td>
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<tr>
<td>Vertical Coverage</td>
<td>60°</td>
</tr>
<tr>
<td>Maximum Peak SPL at 1 m</td>
<td>126 dB</td>
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Electronics and Connectors
| Nominal Amplifier Power (continuous) | 400 W |
| Nominal Amplifier Power (peak) | 800 W |
| Input Type | Balanced |
| Input Impedance | 20 kohms |
| Input Sensitivity | 1.95 V (+8 dBu) |
| Audio Signal Input Connector | 2 x Female XLR |
| AUX Input | 1 x 3.5 mm Mini Jack |
| Audio Signal Loop Thru Connector | 1 x Male XLR |
| Control | DAScontrol™ |
| AC Input Connector | IEC |
| Operating Range | 90-127/180-250 VAC |
| Current Draw 115 V | 2.0 A |
| Current Draw 230 V | 1.0 A |

Enclosure
| Enclosure Construction | Polypropylene |
| Enclosure Geometry | Trapezoidal |
**DIMENSIONS**

Rigging
- MB Rigging Points

Finish
- Textured

Color
- Black

Dimensions (H x W x D)
- 655 x 380 x 350 mm
- 25.8 x 15.0 x 13.8 in

Net Weight
- 15.5 kg (34.2 lb)

**Components**

LF Driver
- 12M4

HF Driver
- M-32

**Shipping**

Carton Dimensions (H x W x D)
- 740 x 450 x 415 mm
- 29.1 x 17.7 x 16.3 in

Shipping Weight
- 18.5 kg (40.8 lb)

**ORDERING INFORMATION**

**Performance**

**Model**
- ALTEA-412A
- 2-way Powered Point Source

**System**
- ALTEA-412A
- 2-way Powered Point Source

**Replacement Parts**

- **12M4** Cone Transducer
- **DSP-ALTEA-412A** Dsp
- **GM-12M4** Recone Kit
- **GM-M32** Diaphragm
- **M-32** Compression Driver

**Accessories**

- **ANL-1** Rigging Accessories
- **ANL-1** Installation & Stacking Acc.
- **AX-112-5** Installation & Stacking Acc.
- **FUN-AL712** Transport Accessories
- **TRD-2** Installation & Stacking Acc.
- **TRD-6** Installation & Stacking Acc.
- **TRD-7** Installation & Stacking Acc.