



ALTEA-412A



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 W_{peak} 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.

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

SPECIFICATIONS

Performance

| | |
|-----------------------------|----------------|
| Frequency Range (-10 dB) | 60 Hz - 20 kHz |
| Horizontal Coverage (-6 dB) | 90° |
| Vertical Coverage | 60° |
| Maximum Peak SPL at 1 m | 126 dB |

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™ |
| Current Draw 115 V | 1.0 A/2.0 A |
| Current Draw 230 V | a:1:{i:0;s:5:"1.0 A";} |

Enclosure

| | |
|------------------------|-------------------|
| Enclosure Construction | Polypropylene |
| Enclosure Geometry | Trapezoidal |
| Rigging | M8 Rigging Points |
| Color | Black |



ALTEA-412A

| | |
|--------------------------|---------------------------------------------|
| 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 | 12MI4 |
| 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

| Model | Description | P/N |
|-------|-------------|-----|
|-------|-------------|-----|

System

| | | |
|------------|--|----------|
| ALTEA-412A | | 10404915 |
|------------|--|----------|

Replacement Parts

| | | |
|----------------|--------------------|----------|
| 12MI4 | Cone Transducer | 10214320 |
| DSP-ALTEA-412A | Dsp | 20406579 |
| GM-12MI4 | Recone Kit | 20208300 |
| GM-M32 | Diaphragm | 20205055 |
| M-32 | Compression Driver | 20208970 |
| MP-ALTEA-412A | | 30007473 |

Accessories

| | | |
|-------------|------------------------------|----------|
| ANL-1 | Rigging Accessories | 10101010 |
| ANL-1 | Installation & Stacking Acc. | 10101010 |
| AX-112-5 | Installation & Stacking Acc. | 10102390 |
| FUN-AL712 | Transport Accessories | 10103780 |
| TRD-6 | Installation & Stacking Acc. | 10104470 |
| TRD-7 | Installation & Stacking Acc. | 10104471 |
| TRPD-S2-PAK | Installation & Stacking Acc. | 10104011 |

DIMENSIONS

