

S.10

Compact, Two-way Passive System



S•SERIES

Features

- Full-range, passive two-way system
- KTV specific voicing
- Enhanced bass response from rear port
- LF driver with demodulating ring for distortion-free vocals
- User-rotatable horn
- Vertical and horizontal mounting option
- Cloth-backed perforated steel grille
- Trapezoid enclosure with textured finish
- 8Ω nominal impedance
- Internal crossover network with LF and HF driver protection
- Twin NL4 connectors
- Multiple M8 rigging inserts



Applications

- Family KTV, BOX KTV and KTV lounges
- Music bars

The S.10 is very compact, two-way passive loudspeaker designed for family KTV, BOX KTV and music bars rooms which call for enjoyable sound over short throw distances. It utilises a 10" (250mm)/2.5" (63mm) voice coil LF driver and a 1" (25mm) exit HF compression driver with a 1.4" (35mm) polyimide diaphragm.

It is capable of high output levels for its small size and its rotatable 90° x 50° HF horn provides extremely smooth coverage. Equal horizontal and vertical horn mouth dimensions ensure its excellent directivity control is maintained in both planes. The S.10's trapezoid enclosure is constructed from 15mm engineered wood fibre and finished in a textured black paint. It is fitted with a cloth-backed protective steel grille and M8 inserts are provided for eyebolt suspension and installation.

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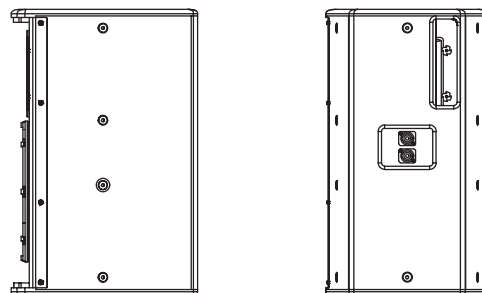
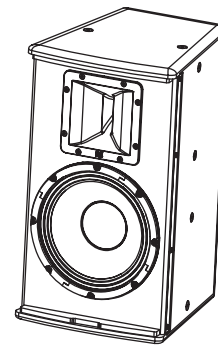
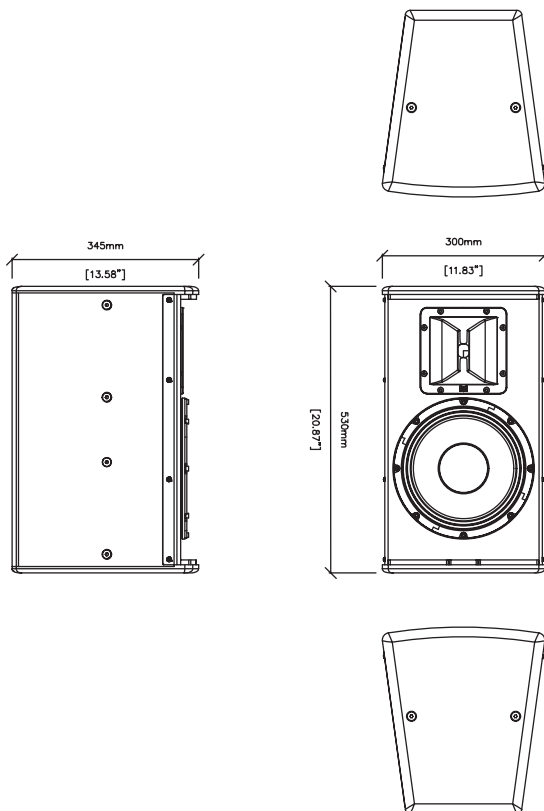
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Technical Specifications

| | |
|-------------------------|--|
| TYPE | Compact, passive two-way system |
| FREQUENCY RESPONSE (1) | 65Hz-20kHz \pm 3dB -10dB @ 49Hz |
| DRIVERS | LF: 10" (250mm)/2.5" (63.5mm) voice coil, ferrite motor system HF: 1" (25mm) exit/1.4" (35mm) voice coil, polyimide dome compression driver |
| RATED POWER (2) | 500W program, 1000W peak |
| RECOMMENDED AMP | VIA2502 |
| SENSITIVITY (8) | 98dB |
| MAXIMUM SPL (9) | 124dB program, 127dB peak |
| NOMINAL IMPEDANCE | 8 ohms |
| DISPERSION (-6dB) | 90° H x 50° V (user-rotatable) |
| CROSSOVER | 2.8kHz passive |
| ENCLOSURE | Trapezoid |
| FINISH | Black textured paint |
| PROTECTIVE GRILLE | Black perforated steel with scrim cloth backing |
| CONNECTORS | 2 x NL4 type |
| PIN CONNECTIONS (INPUT) | 1+/- |
| PIN CONNECTIONS (LINK) | 1+/- to 1+/- |
| FITTINGS | 14 x M8 inserts |
| DIMENSIONS | (W) 300mm x (H) 530 x (D) 345mm (W) 11.8ins x (H) 20.9ins x (D) 13.6ins |
| WEIGHT | 16kg (35.3lbs) |

Notes

- (1) Measured on-axis in half (2pi) space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half (2pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half (2pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4pi) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4pi) space at 2 metres with 2.83v input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated at 1 metre.
- (10) Measured in half (2pi) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.



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