ESD Cube - Ultra Compact Passive Speaker Technical Data Sheet

Introduction

The ESD Cube is a very high quality ultra compact low profile 5" passive loudspeaker utilising a unique trans-coil design for superior vocal reproduction, extended high frequency response, increased dynamic range and the lowest distortion of any comparable speaker in its class. Housed in an aluminium enclosure its compact dimensions make it extremely discreet for peripheral reinforcement in theaters, bars, clubs, churches, museums or Tourist attractions. Along with our new ESP1000 amplifier a combination of up to 8 ESD Cube units, or 4 Cube units with either one or two ESD1.10 subwoofers can be run.



Features

- Tough, durable aluminium construction with wear resistant polymer coating
- 110dB sustained output, 116dB peak with very high dynamic range
- Ultra Compact enclosure design allows for use as ceiling mount, front fill, in-fill or under balcony applications
- Wide dispersion 80° x 80°
- 5" woofer featuring Trans-coil AIC technology for superior vocal reproduction, high frequency extension and dramatically reduced distortion
- Neodymium motor structure and Lightweight voice coil technology dramatically increases force and lowers distortion further
- Proprietary hanging design for simplified mounting

Applications

Specifically designed as an ultra compact passive loudspeaker system for reproduction of high quality speech and recorded music.

- Suitable for fixed installations and portable applications, as a full range speaker, or as a system with accompanying subwoofers
- Excellent peripheral reinforcement for main KV2 systems
- Fill-in speaker
- Compact spot monitoring / playback
- Ceiling or under balcony mounting

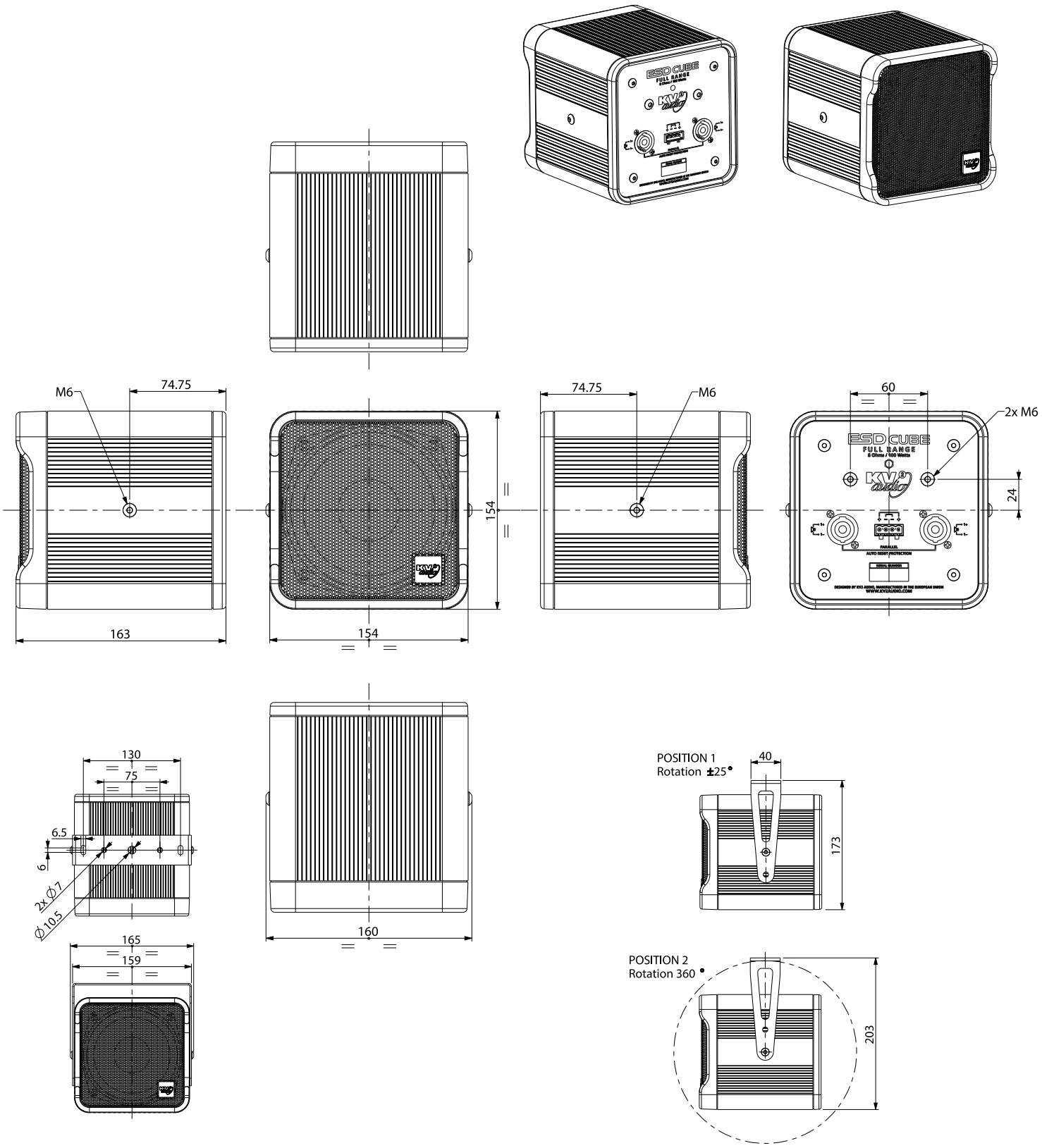
Product code KVV 987 377

System Acoustic Perfomance	
Max SPL Long-term	110dB
Max SPL Peak	116dB
-3dB Response	90Hz to 18kHz*
Recommended Power	100W
Sensitivity	90dB
Impedance	8Ω
Crossover Point	no - full range
Full Frequency Transducer	
Acoustic Design	Closed box, Front Loaded
Magnet Type	Neodymium
Protection	Thermal breaker - autoreset
Number of Drivers	1
Woofer Size	5" AIC Trans-coil
Diaphragm Material	Epoxy Reinforced Cellulose

Speaker Input	
Speaker Input	2x Neutrik Speakon®, Terminal Block
Cabinet	
Cabinet Material	Extruded Aluminium
Color	Matt Black or any RAL
Physical Dimensions	
Height	154 mm (6")
Width	154 mm (6")
Depth	163 mm (6.4")
Weight	3 kg (6.6lbs)

**with ESP1000 equalization*

Dimensional Drawings



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