

CS8 Technical Data Sheet

Product code: KVV 987 425

Introduction

The CS8 is a very high quality 2 way passive speaker, presented conservatively in a low profile unique angled painted Baltic birch enclosure.

Designed to present exceptional speech and music clarity, the CS8 can be applied quickly and flexibly on podiums, stands and suspended as well as in fixed installations using the comprehensive range of ancillary attachments and brackets.

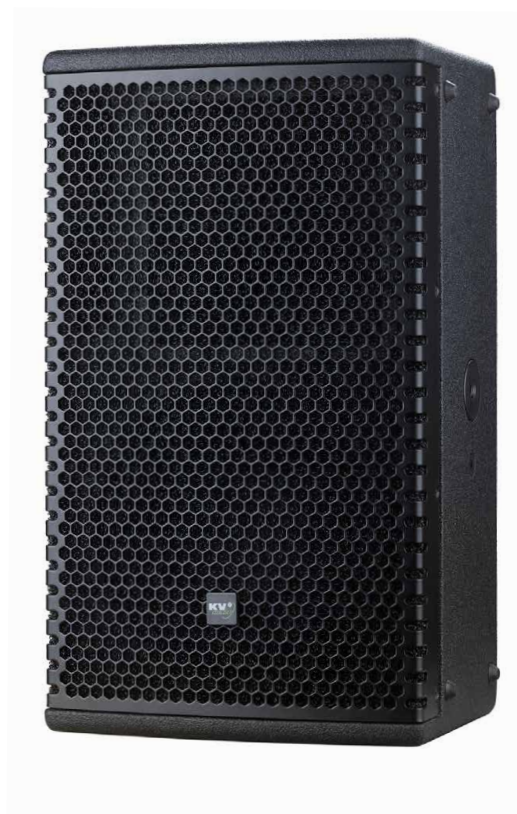
Features

- Professional Baltic birch construction with unique angles for flexible use
- Extremely hard-wearing textured plastic paint
- Compact enclosure allows discreet placement and application
- Wide dispersion 100 H x 90 V Horn
- KV2 Audio SLA technology passive crossover inc. thermal breaker protection
- 1"/ 1.3" Titanium diaphragm compression driver
- 8" Neodymium low mid woofer
- Fixing points for comprehensive attachments

Application

Purpose designed as a discreet portable passive loudspeaker for speech and music content for Rental and Production companies

- Corporate presentations and functions
- Full range performance with addition of subwoofers
- Infills
- Close monitoring
- Fixed installations



System Acoustic Performance

Max SPL Long-term	120dB
Max SPL Peak	123dB
-3dB Response	125Hz to 20kHz
-10dB Response	62Hz to 28kHz
Recommended Power	275W
Sensitivity	95dB
Impedance	8 Ω
Crossover Point	2kHz

High Frequency Section

Acoustic Design	Horn loaded
High Horn Coverage Horizontal / Vertical	100° x 90°
Rotatable Horn	Yes
Throat Exit Diameter / Diaphragm Size	1"/1,3"
Diaphragm Material	Titanium
Magnet Type	Neodymium
Protection	Thermal breaker - auto reset

Low Frequency Section

Acoustic Design	Front loaded bass reflex
Number of Drivers	1
Woofer Size / Voice Coil Diameter / Design	8"/ 2"/ Trans coil
Magnet Type	Neodymium
Diaphragm Material	Epoxy reinforced cellulose
Protection	RMS Limiter

Speaker Input

Speaker Input	2x Neutrik Speakon®, Terminal Block
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Cabinet

Cabinet Material	Baltic birch
Handles	2
Color	Plastic paint

Physical Dimensions

Height	455mm (17.91")
Width	265mm (10.43")
Depth	260mm (10.24")
Weight	13 kg (28.6lbs)

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Architectural Specifications

The Loudspeaker shall be a 2-way passive design using SLA Technology (Super Live Audio) and shall be driven and controlled by a dedicated matched Amplifier (ESP2000, ESP4000 or alternatively with a third-party amplifier of the users choice).

The Loudspeaker enclosure shall consist of one 8" Neodymium magnet structure Transcoil Bass driver and one 1" Ferrite- Titanium Compression driver mounted to a low compression horn assembly.

The cabinet enclosure shall be made from reinforced Baltic Birch Ply, with toughened impact and wear resistant plastic paint finish.

The Loudspeaker components shall be protected by an acoustically transparent rigid metal grille supported by absorbent rubber seals.

The enclosure shall incorporate four nonslip rubber feet each on the bottom and two angled rear sides.

The enclosure shall incorporate one M10 fixing point on each side panel and top and bottom panel.

Two 5mm apertures are provided for pin insertion/release on the bottom panel and one 5mm aperture for pin insertion/release on one side panel to allow easy setting of angle when the angle-setting bracket attachment is used.

The enclosure shall incorporate a recessed connection panel and will be fitted with a double input/output Speakon locking connector.

A 4 pole barrier strip will be incorporated in the connection panel to allow bare wire connection and a recessed slide switch for channel switching.

The Loudspeaker shall have a maximum long term pressure level of 120dB, a total peak power handling capacity of 275W, a nominal Horizontal and Vertical dispersion of 100 x 90 deg and have a measured on axis frequency response of 125Hz to 20KHz (-3dB), 62Hz to 28kHz (-10dB).

The Enclosure dimensions shall be: 455mm / 17.91" x 265mm / 10.43" x 260mm / 10.23"

The Enclosure shall not exceed a weight of 13 kg / 28.66lbs.

The Loudspeaker shall be the KV2 Audio CS8

The dedicated Amplifier shall be the KV2 Audio ESP2000/4000 – (Or alternative third party amplifier).

The dedicated fly ware shall be the KVV 987 427 CS8 Horizontal bracket and KVV 987 428 CS8 Vertical bracket.

Dimensional Drawings

