

Ceiling Speaker c/w VAD

ViUV-CS5CV-UL-EU



Unicorn Voice is a unique distributed wall-mounted, panel based voice alarm and fire telephone solution that is compliant to EN54-16.

- Integral VAD
- 5",13 cm Cone
- Rated power 4 watts
- 89 dB 1 W/1 m
- Multiple tapings 0.125 W to 4 W
- 1st fix termination plate
- 2x 20 mm, 1x 25 mm entries

Overview

These speakers have specifically been designed to complement the Unicorn Voice PAVA range. The speakers feature low wattage tapings which are intended to operate at full volume when used with the Unicorn Voice system.

Unique combined VAD/Speaker

There are many applications which require VADs (Visual Alarm Devices) to supplement the alarm system to meet the requirements of the Equality Act and Building Regulations. Typically these may be connected to the fire alarm system. However if a manual emergency announcement is activated the VADs are unlikely to be triggered.

The Unicorn Voice system amplifiers includes outputs for connection of VAD circuits. This will reduce load on the fire alarm system loops by driving the VADs via the voice alarm system in all situations.

Time Saving Installation Features

The loudspeaker consists of a 1st fix termination plate suitable for 2 x cables for in and out or 1 x M25 for flexible conduit entry. Unique in and out antivibration terminals are used to overcome the common problem of open circuit faults due to vibration. These features save installation time as wiring tests can be completed without the use of additional connections as the speaker is not in circuit. The loud speaker can be simply connected via the plug in terminal when ceilings are in place and the site is ready for commissioning.



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Technical Specification

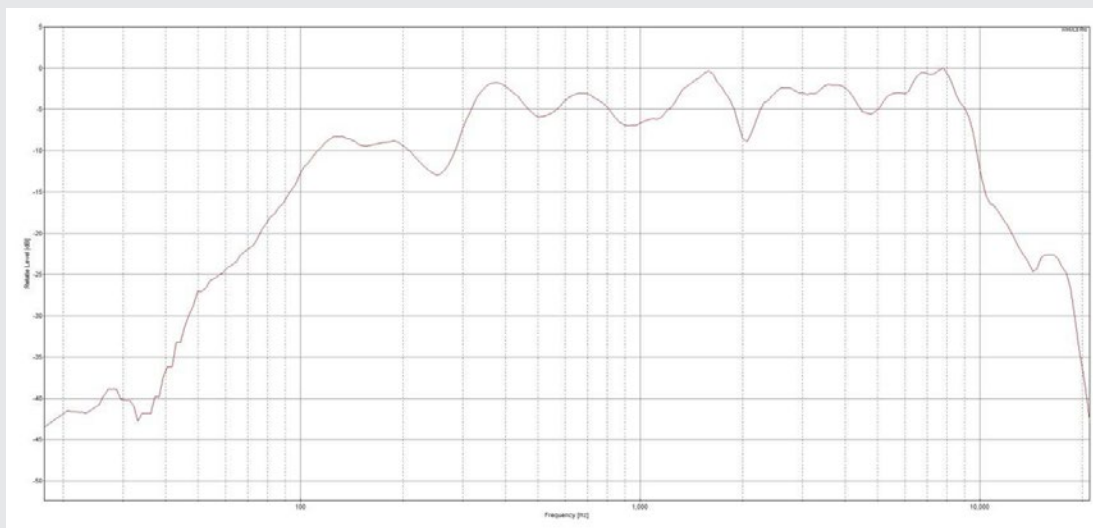
Details	ViUV-CS5CV-UL-EU
Power	
Rated Max Power	4Watts
Tappings @100V Watts	0.125,0.25,0.5,1,2,4
Freq range	125 Hz to 11 KHz
DC Monitoring	Capacitor fitted
Inline Fuse	Yes
Connections	Separate in and out terminals
VAD specification	
VAD classification	Ceiling C3-7
Voltage range	18 TO 30 VDC
Current consumption	12 mA
Frequency	0.5 Hz
Operating temp	-10°C to 55°C
Environmental	
Operating temp	-10°C to 40°C
Humidity range	0 to 80% non-condensing
Ingress Protection	IP21C

Details	ViUV-CS5CV-UL-EU
Mechanical	
Material	Steel
Colour	Grille White RAL 9016 Back Box Black RAL 9004
Dimensons	Height 120mm Dia 180mm
Cut-out mm	164 mm
Net Weight	1.6 Kg
Cable Entries	2x M20 , 1 x M25

Ordering Information

Part Code	Description
Accessories	
ViUV-CS5CV-UL-EU	Ceiling Speaker c/w VAD

Frequency response



Tappings	Impedance	SPL@1m
4W	2K5	95
2W	5K	92
1W	10K	89
0.5W	20K	86
0.25W	40K	83
0.125W	80K	80