



Ultrasonic Recording Protection Specification Sheet

Desktop protection that stops phones and recorders capturing usable audio in a meeting.

Models in this sheet: VT-316 Desktop Signal Protector with Ultrasonic Mixing for Meeting Security

Figures in this document are those published by the factory for each model. Where a value is shown as TBC it is not published, and we confirm it with the factory before order rather than estimate it. Specifications are subject to change without notice.

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1. VT-316 Desktop Signal Protector with Ultrasonic Mixing for Meeting Security

The VT-316 sits on a meeting table and prevents phones and voice recorders from capturing usable audio, using ultrasonic mixing across 72 probes. It is inaudible to people in the room and emits no electromagnetic radiation. Interference distance is beyond 2 metres for a Huawei Mate 40 and beyond 1.5 metres for an iPhone 12, measured at 70 dB.

Key benefits

- Ultrasonic mixing across 72 probes for omni-directional coverage
- Inaudible to people in the room and no electromagnetic radiation
- Three adjustable levels of ultrasonic mixing power
- Up to 32 units linked by Bluetooth or RS232 for a large room
- Compact at 325 x 96 x 64 mm and approximately 730 g

Specification

Whole Machine Power	under 45 W
Standard Voltage	DC 20 V (PD 3.0)
Interference Objects	Android phones, Apple phones, voice recorders, eavesdropping devices
Interference Distance	Huawei Mate 40 over 2 m at 70 dB, iPhone 12 over 1.5 m at 70 dB
Probe Quantity	72
Interference Angle	60 degrees at 1 m
Communication Interface	BLE and RS232
Wireless Networking Distance	over 10 m
Electrostatic Level	Contact 6 kV, air 8 kV
Weight	approximately 730 g
Colour	Silver grey
Dimensions	325 x 96 x 64 mm
Operating Temperature	-10°C to 45°C
Operating Humidity	not more than 85%, no condensation