

Central Volume Control Speaker

PLM-CV & CPM-CV



The Central Volume Control Speakers are UL-listed and are available in both plenum (PLM-CV) and ceiling mount (CPM-CV) formats. Each one can power up to two Satellites.

The Central Volume Control permits users to globally adjust the volume over a 20dBA range. This feature allows users to make efficient changes when the volume level of a large number of speakers must be raised or lowered by an equal amount. A rotary switch (shown here) can be wall-mounted for convenient access. This speaker also includes an integrated Ramp-Up feature used when the AccuMask System is installed in an occupied facility. It introduces the masking sound at a level that is 10dBA lower than the target volume. The volume automatically increases over a two-week period, allowing occupants to acclimatize to their new acoustical conditions.

Masking Performance

Volume Range	48 dB in 0.4 dB steps, 100 levels total
Contour Adjustment	100 steps

Central Volume Output

Output Voltage Range	0-11 Vdc
Central Volume Attenuation	20 dB max
Central Volume Zone Size	25 PLM max

Paging Performance

Volume Range	16 dB in 2.0 dB steps + off, 8 levels total
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Programming Mode

Masking & Paging	Infrared Remote Control
CV Control	Analog potentiometer

Driver Specs

Frequency Range	100 to 10,000 Hz
Dimensions	10.1 cm; 4 inches
Power Handling	25 W (RMS)
Sensitivity	87 dBA/W/1m
Magnet Structure	18 oz; 510 g
Impedance	16 Ohms

Timer Performance

Programming	Programmed through AccuMask Programmable Timer (APT)
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Start-Up Timer

Timer Volume Range	10 dB in 0.4 dB steps
Timer Duration	14 days, 1 step per 12 hours
Persistence	The timer state is recorded at the start of each 12-hour step

Satellites Supported

# per Master	0 to 2
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Connections

Cable Type	5-conductor cable
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Cabling

Master to Master	CON-5
Master to Satellite	CON-2

Power

Input	18 VAC
Consumption	At typical settings, 0.6 W; at maximum settings, 2.8 W

Integrated Amplifier

Audio Output Power	5 W
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Physical Specs

Material	Electroplated steel housing, 26 gauge
Height	9.5 cm; 3.75 inches
Width	15.2 cm; 6 inches
Weight	2.7 lb; 1.2 kg