

# Master Speaker

## PLM & CPM

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



Because the AccuMask System is decentralized, all of the electronics required for sound masking, paging and music are contained within each Master rather than a centrally-located equipment rack. The masking volume and contour can be set at each Master, yielding adjustment zones of 1 to 3 speakers (225 to 675 ft<sup>2</sup>). Such small zones allow the system to be tuned to local variations in acoustical conditions or occupant needs. The masking volume can be adjusted in precise 0.4dBA increments over a 45dBA range, while 100 preset curves provide fine masking spectrum adjustments.

### Masking Performance

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

### Central Volume Input

Voltage Range	0 lowest attenuation to 11Vdc highest attenuation
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### Paging Performance

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

Masking & Paging	Infrared Remote Control
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### 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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### Satellites Supported

Number 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