



STNET® Series

SOUNDTUBE®

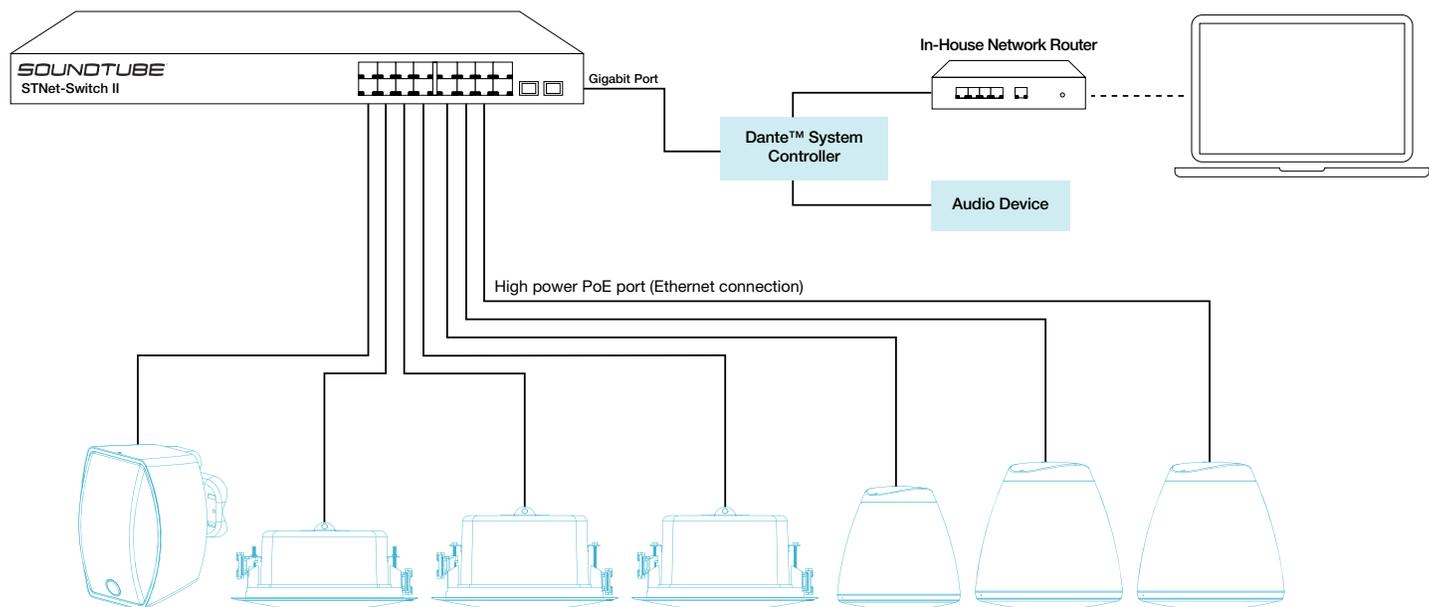
PoE, IP-ADDRESSABLE, SCALABLE SYSTEMS

Dante® and **AES67** Enabled

SYSTEM DIAGRAMS

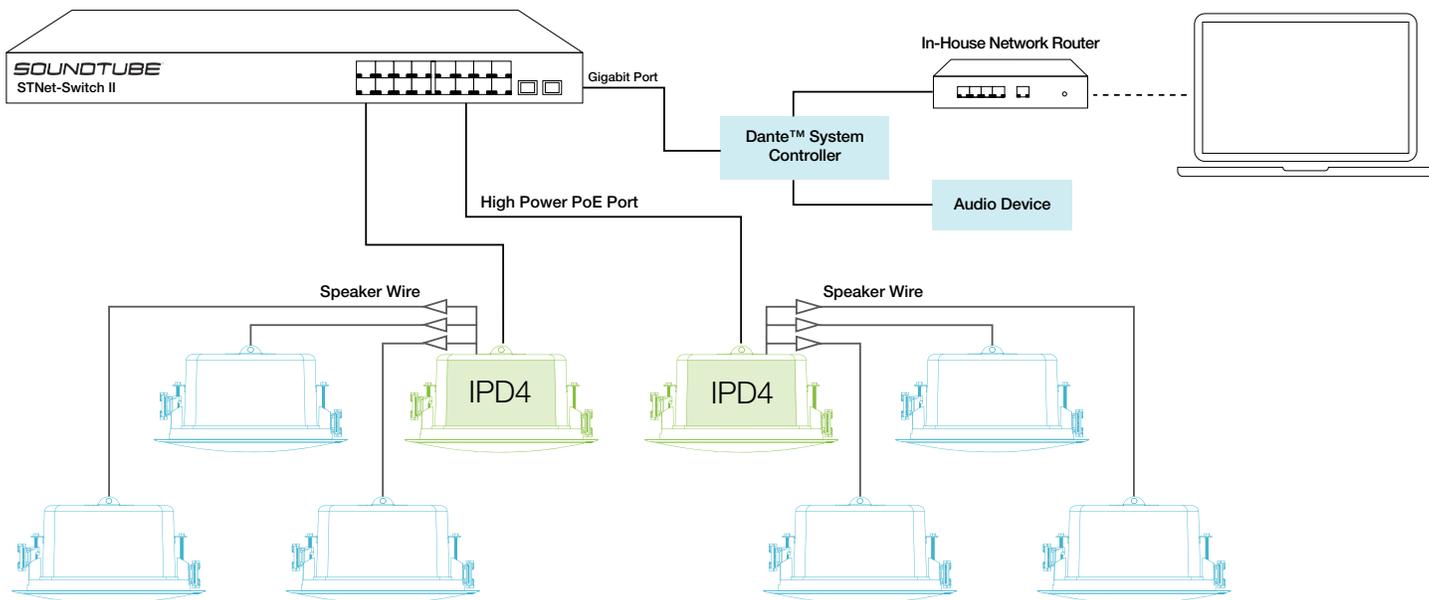


IPD Speaker System

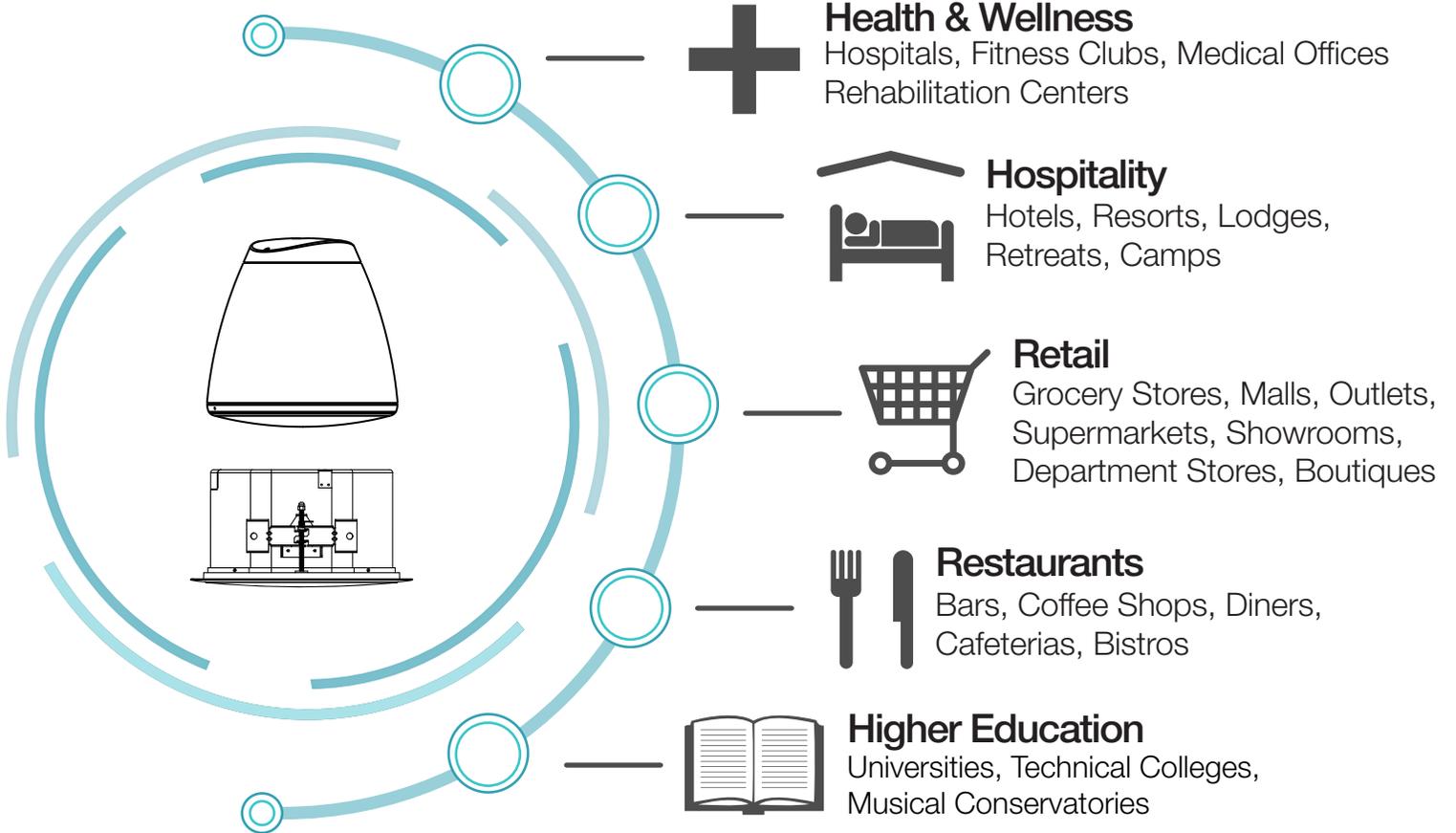


IPD speakers connect to the Dante network via a PoE switch such as the SoundTube STNet Switch II. All setup is done centrally; speakers are self monitoring and will report any issues back to the management software, meaning one glance will tell you if the system is working properly. For economical system expansion, IPD4 speakers provide audio and power to standard (non-Dante) CM-BGM speakers.

IPD4 Speaker System



APPLICATIONS



STNet Switch II

The STNet Switch II is a 1 RU, 16 port (40W per port) PoE, audio-prioritized gigabit switch designed for use in Dante networks. In addition to 16 RJ45 ports, the STNet Switch II also includes two SFP ports for fiber and high speed Ethernet connectivity.

1 RU Height



Easy system wiring with CAT5 or CAT6 between the switch, speakers and all other endpoints.

700w Power Supply guarantees 40w PoE to all 16 LAN ports

Two SFP Gigabit Ports

UL and CE listed

SCALABLE SYSTEMS



IPD-Hub 2



The IPD-Hub 2 amplifier provides PoE and IP-based audio solutions for use in multi-zone applications utilizing passive speakers. The amp features local and Dante inputs providing unprecedented network control for commercial audio in numerous applications without the need for a traditional DSP.

Power	PoE, PoE+, 40W PoE, 24v PS
Power Connections	PoE, Phoenix and barrel connector
Inputs	2 x RJ-45, 1 Dante, 1 local input
Output Connector	2-Channel Phoenix
Output Power w/ 40w PoE	12w / ch
Speakers	2 x 8 Ohm or 4 x 16 Ohm speakers
Height	1.75" / 44.45 mm
Width	8" / 203.2 mm
Depth	6" / 152.4 mm
Certifications	UL60065, CE



RVC

Remote single gang decora volume and source selector for use with a Hub 2 amp

Rotary Volume Control

2 position source selector

White and Black plated included

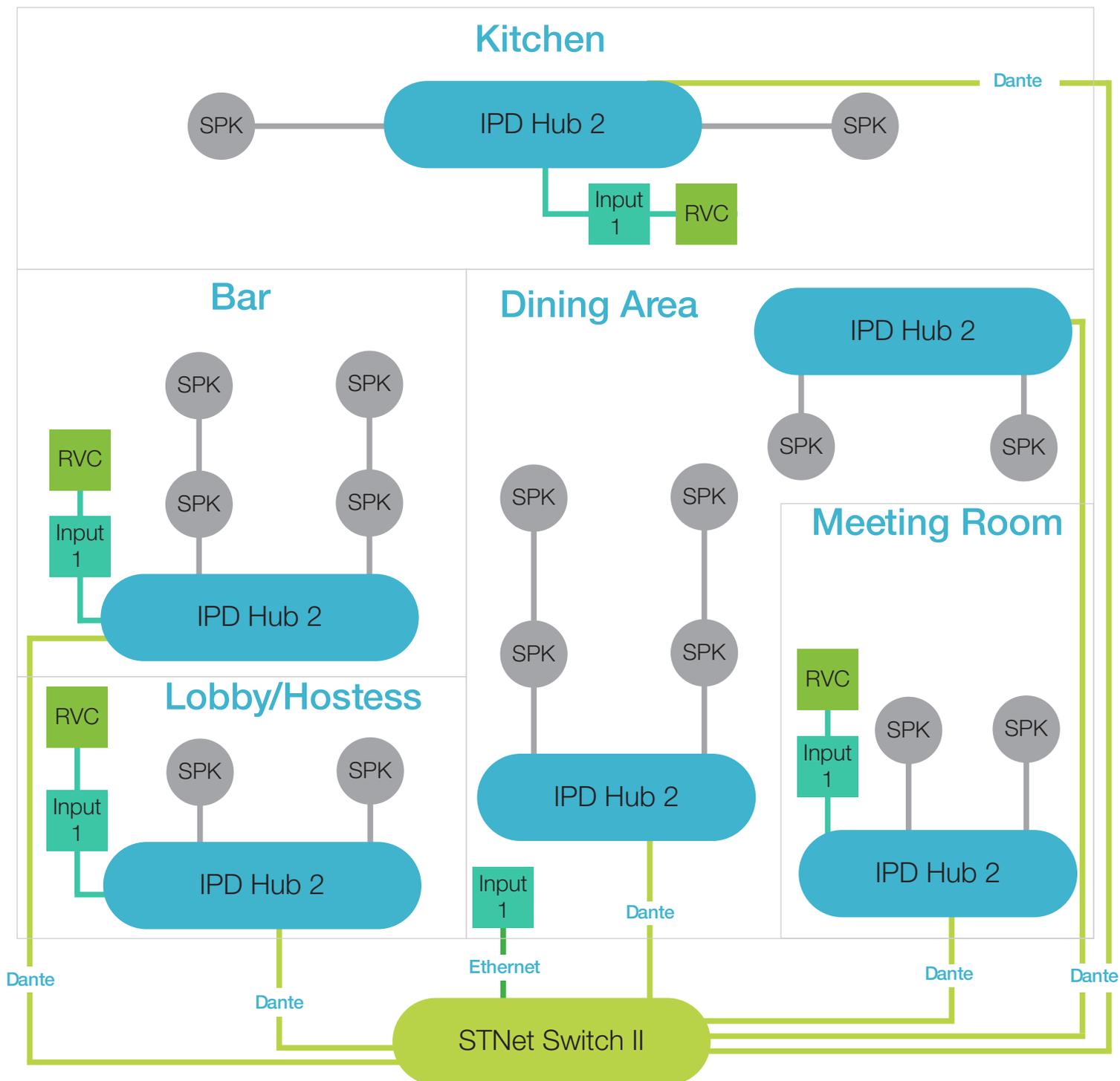
STNet Control Center

STNet Control Center is Setup software for the STNet speakers and HUB 2 amp. It is used with the IPD and IPD4 speakers to set levels, EQ, delay, high and low pass, 40W PoE power, and has a pink noise generator. The software also monitors the speaker's functions. It will report problems with the amp, temp and voice coils. In addition to these functions when used with the HUB 2 and a RVC (remote volume control) it sets up the HUB 2's DSP for 2 sources in up to 8 zones with ducking priorities. Hub 2's can be linked in a zone to expand coverage.



Hub 2 Main Control Page

Restaurant Layout Example:

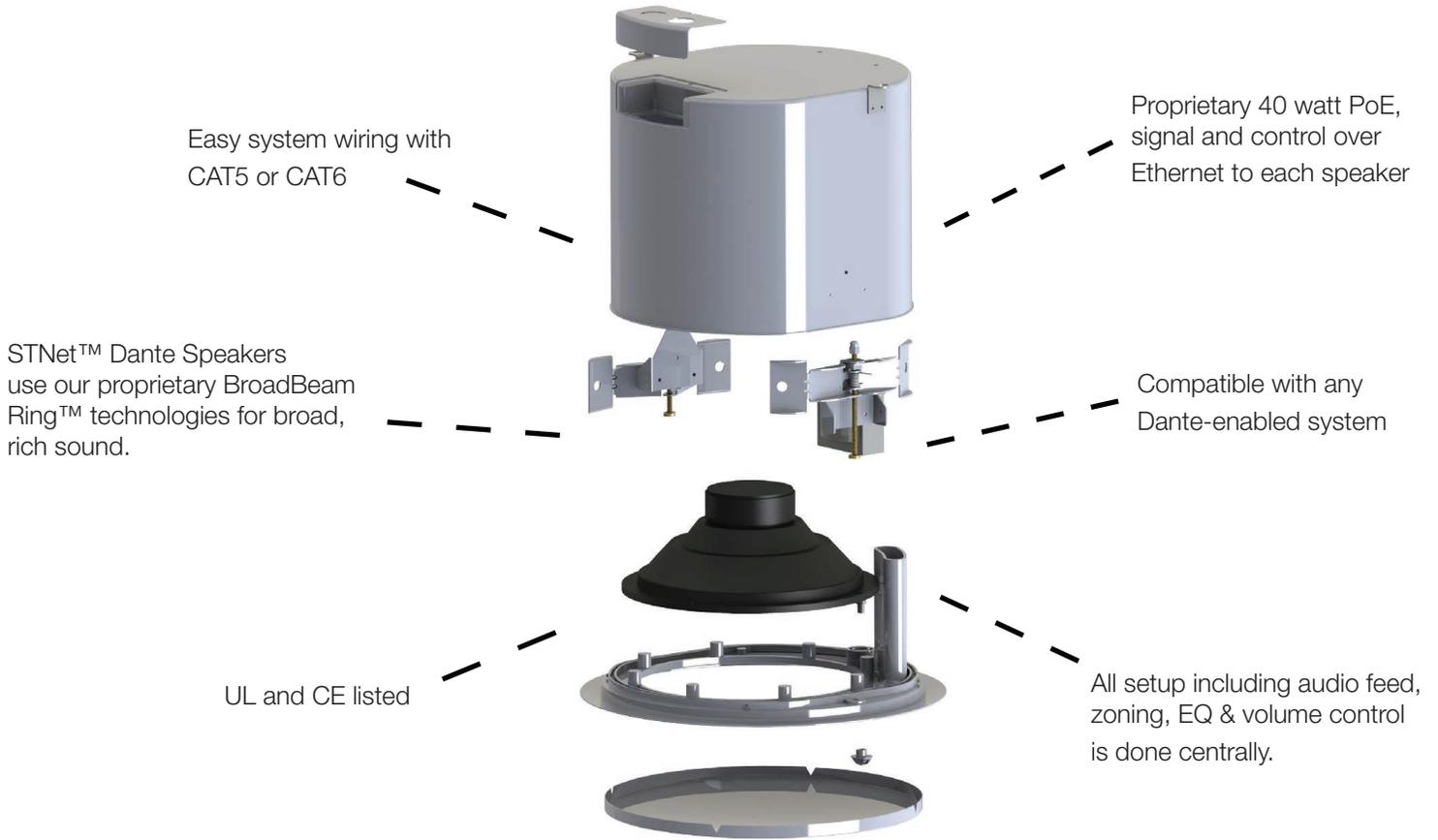


Duckers can be set up to give the Dante inputs priority.

IP-ADDRESSABLE SPEAKERS



STNet, IP-Addressable Features



IPD-RS62-EZ

IPD-RS82-EZ

IPD-HP82-EZ

System Type	6.5" Coax	8" Coax	8" Coax, High SPL
Max SPL	101.0 dB	103.0 dB	104.0 dB
Frequency Response (-3dB)*	80 Hz - 22 kHz	80 Hz - 22 kHz	80 Hz - 22 kHz
Coverage	80 °	80 °	100 °
Height	10.40" / 264.2 mm	10.4" / 327.7 mm	12.90" / 327.7 mm
Diameter	10.08" / 256.0 mm	12.9" / 256.0 mm	12.83" / 325.9 mm
Weight	3.2 lbs / 7.0 kg	11.0 lbs / 5.0 kg	14.0 lbs / 6.35 kg
Certifications	UL 60065, CE	UL 60065, CE	UL 60065, CE



IPD4-CM52-BGM



IPD4-CM62-BGM



STNet™ Switch II

System Type	5.25" Coax	6.5" Coax	Description	16-Port 40 W PoE Switch
Max SPL	93 dB	95 dB	Power	110-240 VAC, 50/60 Hz
Frequency Response (-3dB)*	57 Hz - 20 kHz	50 Hz - 20 kHz	Height	1.75" / 44.5 mm
Coverage	135 °	90 °	Width	17.4" / 442 mm
Height	5.75" / 146.1 mm	5.75" / 146.1 mm	Depth	8.3" / 211 mm
Visible Diameter	11.75" / 298.5 mm	11.75" / 298.5 mm	Weight	7.71 lbs. / 3.5 kg
Weight	8 lbs. / 3.6 kg	8 lbs. / 3.6 kg	Certifications	UL 60950, CE
Certifications	UL 60065, CE, UL 2043	UL 60065, CE, UL 2043		



IPD-CM52-BGM



IPD-CM52s-BGM



IPD-CM62-BGM



IPD-CM82-BGM

System Type	5.25" Coax	5.25" Coax	6.5" Coax	8" Coax
Max SPL	99.0 dB	99.0 dB	101. dB	103.0 dB
Frequency Response (-3dB)*	65 Hz - 20 kHz	57 Hz - 20 kHz	50 Hz - 20 kHz	45 Hz - 18 kHz
Coverage	135 °	135 °	90 °	80 °
Height	5.75" / 146.1 mm	3.75" / 95.3 mm	5.75" / 146.1 mm	8.00" / 203.2 mm
Visible Diameter	11.75" / 298.5 mm			
Weight	8 lbs. / 3.6 kg	6.5 lbs. / 3.0 kg	8 lbs. / 3.6 kg	9 lbs. / 4.1 kg
Certifications	UL 60065, CE, UL 2043			



IPD-SM500i-II



IPD-SM52-EZ



IPD-SM82-EZ-II



IPD-XT850

System Type	5.25" Coax	5.25" Coax	8" Coax	8" Coaxial Outdoor
Max SPL	97.0 dB	99.0 dB	101.0 dB	101.0 dB
Frequency Response (-3dB)*	60 Hz - 22 kHz	55 Hz - 20 kHz	38 Hz - 20 kHz	51 Hz - 10 kHz
Coverage	75 ° Horizontal 90 ° Vertical	95 ° Horizontal 100 ° Vertical	90 ° Horizontal 105 ° Vertical	360 °
Height	11.40" / 289.56 mm	11.88" / 301.8 mm	18.00" / 203.2 mm	16.42" / 417.1 mm
Width	8.36" / 212.26 mm	7.50" / 190.5 mm	11.50" / 292.1 mm	14.17" / 360 mm
Weight	9.5 lbs / 4.3 kg	7.4 lbs / 3.4 kg	13.9 lbs / 6.3 kg	16.7 lbs / 7.6 kg
Certifications	UL 60065, CE	UL 60065, CE	UL 60065, CE	IP55, RoHS



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Contact us to learn more about our outdoor product selection
and how we can provide the best audio experience for *you*.



913.663.5600



sales@mseaudio.com



13720 W 109th St
Lenexa, KS 66215