



**STNET®** Series

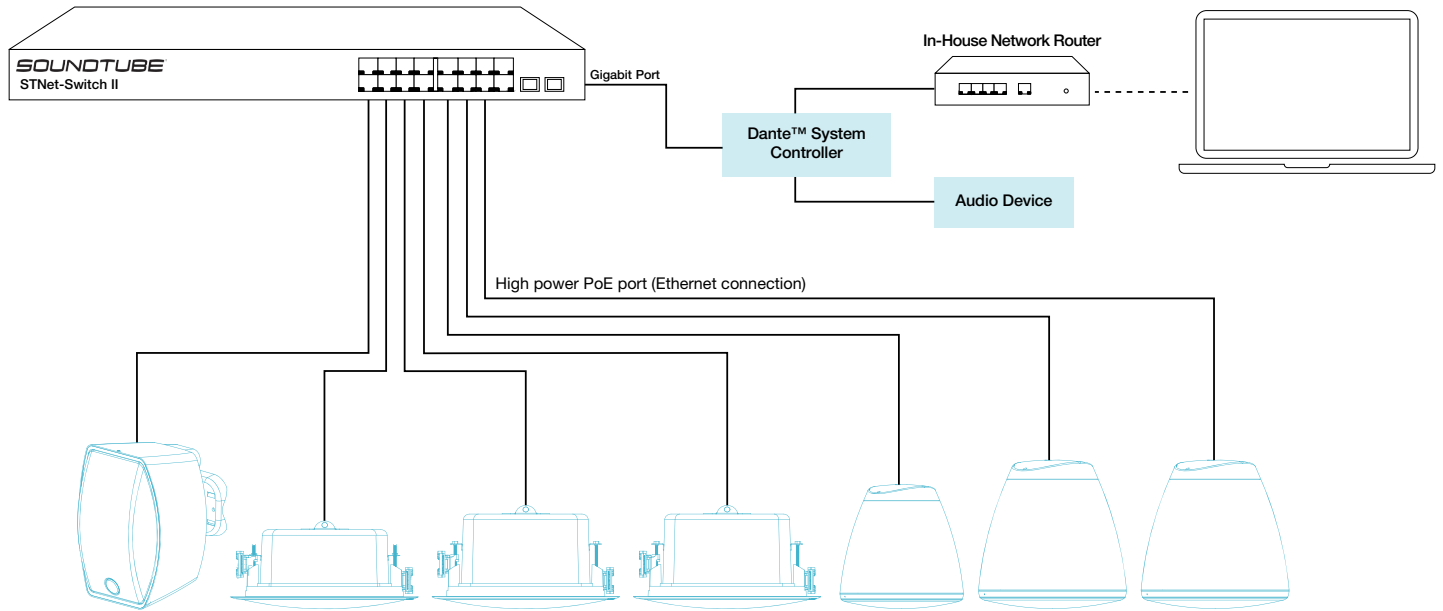
**SOUNDTUBE®**  
E N T E R T A I N M E N T

PoE, IP-ADDRESSABLE,  
SCALABLE SYSTEMS

✦ Dante® and **AES67** Enabled

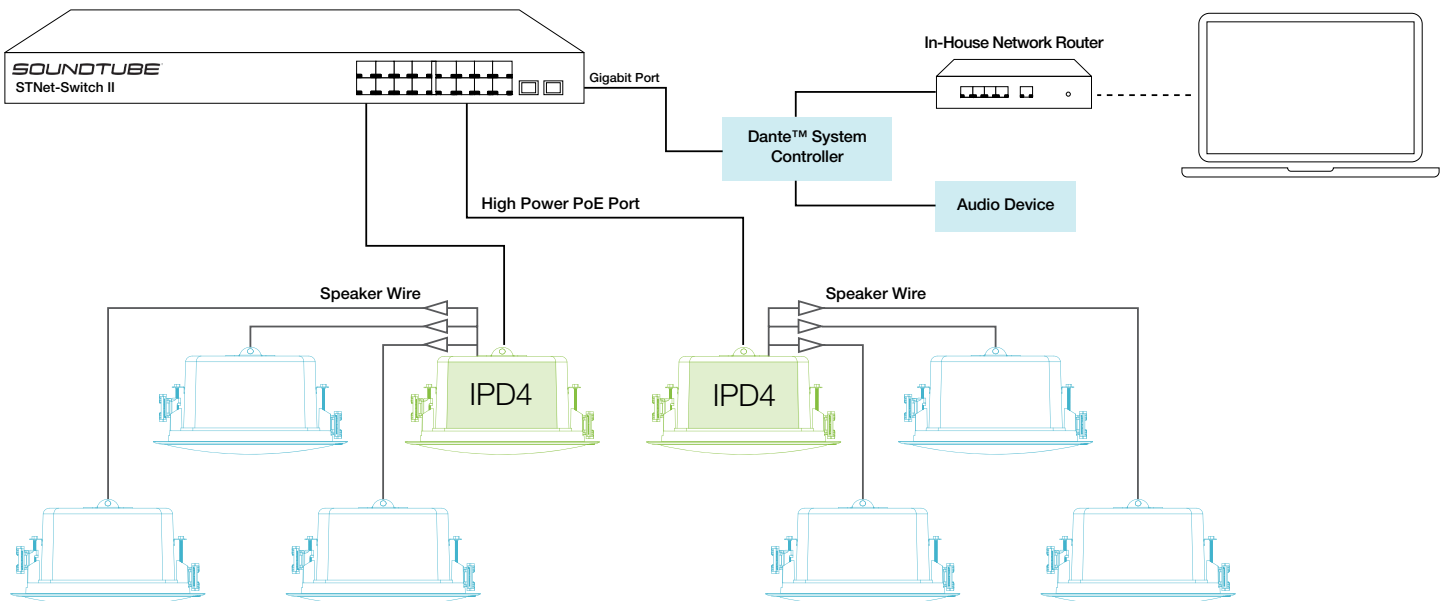
# SYSTEM DIAGRAMS

## IPD Speaker System

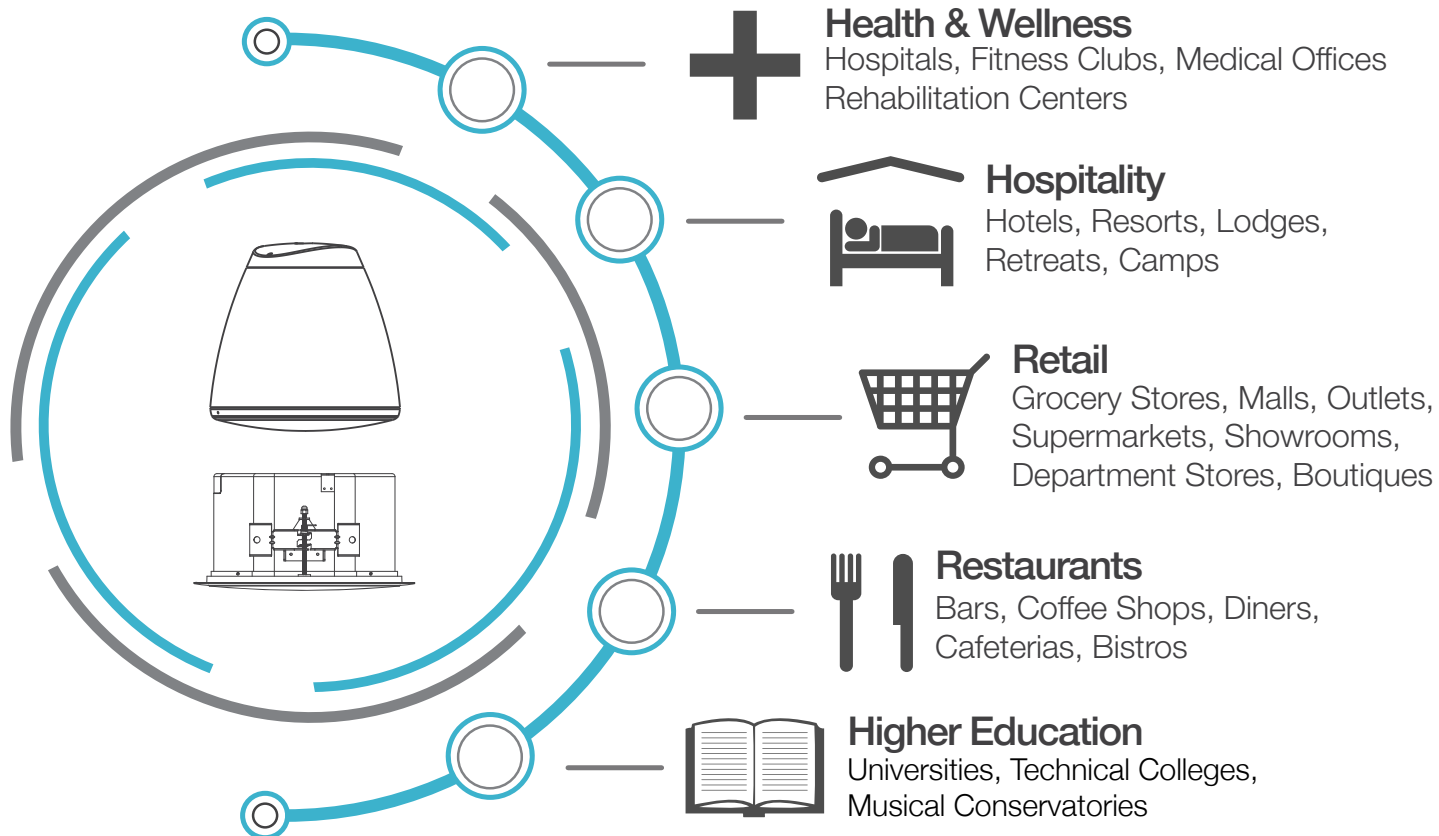


IPD speakers connect to the Dante network via a PoE switch such as the SoundTube STNet Switch II. All setup is done centrally; speakers are self monitoring and will report any issues back to the management software, meaning one glance will tell you if the system is working properly. For economical system 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.

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

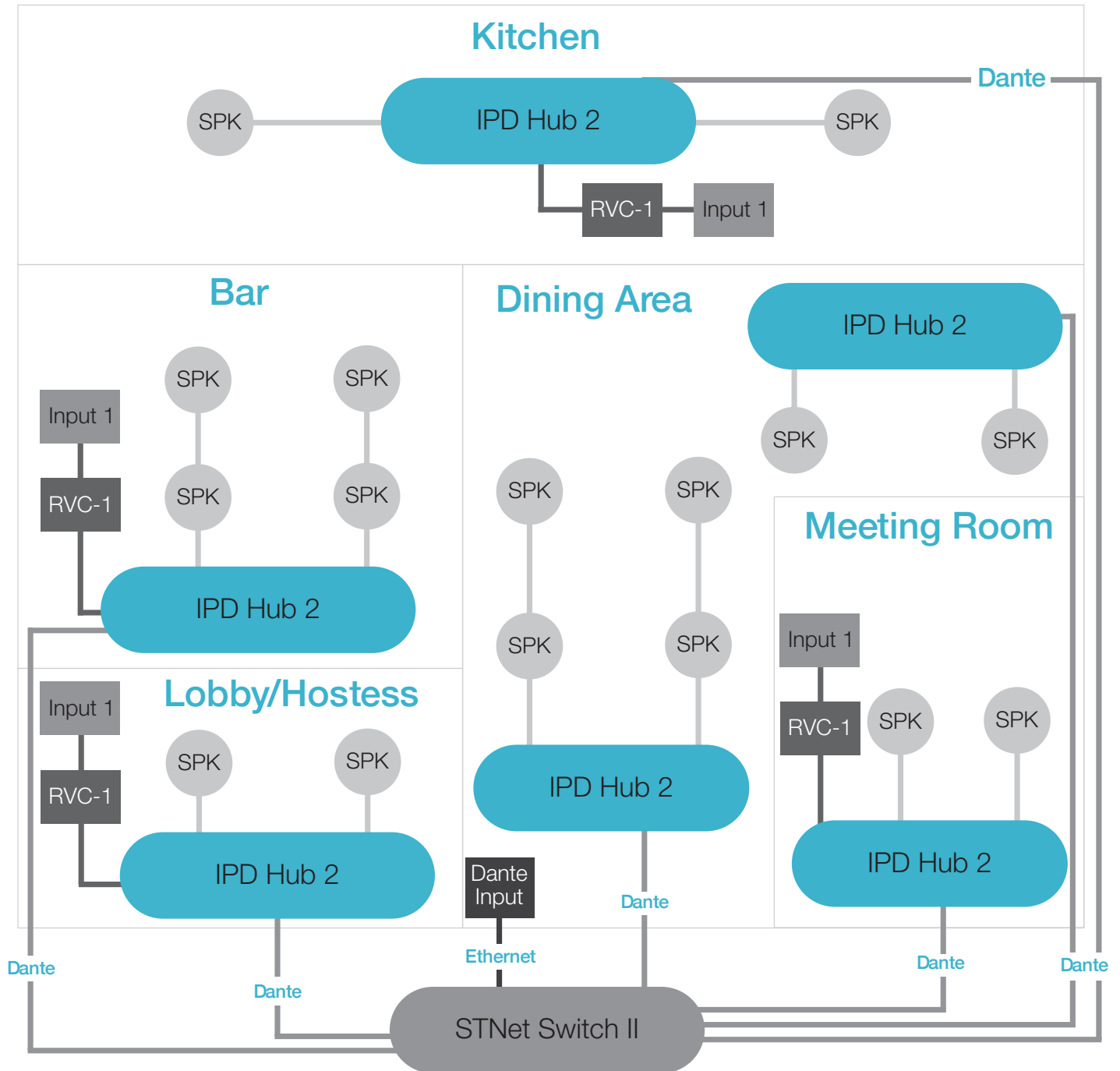
STNet Control Center is Setup software for the STNet speakers and HUB 2 amp. It is used with the IPD and IPD4 speakers to set levels, EQ, delay, high and low pass, 40W PoE power, and has a pink noise generator. The software also monitors the speaker's functions. It will report problems with the amp, 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:

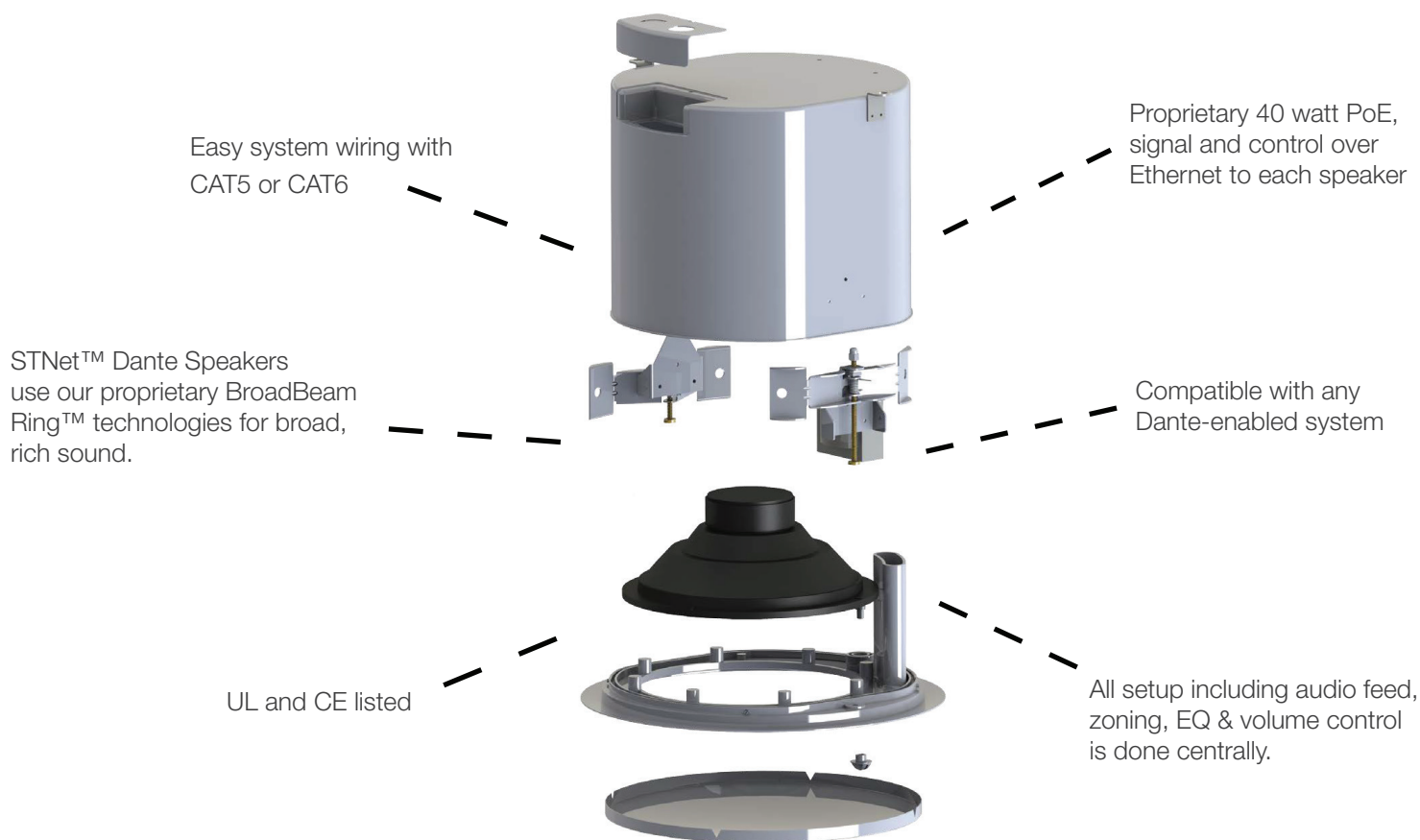


Duckers can be set up to give the Dante inputs priority.

# 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

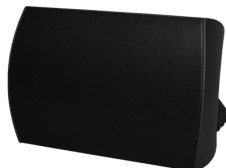


IPD-CM82-BGM

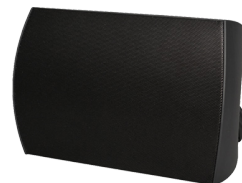
|  | System Type                | 5.25" Coax            | 5.25" Coax            | 6.5" Coax             | 8" Coax               |
|--|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|  | Max SPL                    | 99.0 dB               | 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     | 11.75" / 298.5 mm     | 11.75" / 298.5 mm     | 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 | UL 60065, CE, UL 2043 | UL 60065, CE, UL 2043 | 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 IP-Addressable product selection  
and how we can provide the best audio experience for *you*.



913.663.5600



[sales@soundtube.com](mailto:sales@soundtube.com)



13720 W 109th St  
Lenexa, KS 66215