FUNCTION
The i.Net® speakers enable the masking to be distributed uniformly throughout the space. Typically hung above the ceiling tiles, the speakers fill the plenum with sound that gently filters into the environment below to create speech privacy. i.Net speakers are perfectly matched for the OP to ensure the highest quality of sound masking, paging and audio.

Speakers used in the i.Net systems are configured with integrated RJ45 connections for plug and play and ease of installation. The speakers feature an aluminum housing, 5-inch wide dispersion and weigh approximately three pounds each. There are two speaker models available (6” & 4”) to accommodate various plenum depths. Speakers distribute sound masking, paging and/or music.

Note: A variety of assembly options are available for these speakers; please refer to the 3rd page of this data sheet for options.

SPEAKER ENCLOSURE
+ Aluminum Housing
+ Galvanized Perforated Grill
+ Lightweight Mounting Chain
+ Two speaker models available – 6” & 4”

Speakers are UL Listed for use in air handling spaces.

*Standard speakers come in an aluminum finish. Custom painting is available at an upcharge.

SPEAKER MODEL DIMENSIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Height</th>
<th>Diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>G545</td>
<td>6”</td>
<td>6”</td>
<td>3lbs</td>
</tr>
<tr>
<td>G585</td>
<td>4”</td>
<td>6”</td>
<td>3lbs</td>
</tr>
<tr>
<td>G545-C</td>
<td>6”</td>
<td>6”</td>
<td>4lbs</td>
</tr>
<tr>
<td>G585-C</td>
<td>4”</td>
<td>6”</td>
<td>4lbs</td>
</tr>
</tbody>
</table>

POWER REQUIREMENT
+ Powered by OP

PAGING INPUT
+ Via OP & MPI

LOUDSPEAKER
+ 5-inch - wide dispersion
+ Power Rating – 10 watts
+ Frequency Response – 60 – 13,000 Hz
+ Impedance – 32 Ohms
+ Resonance – 85 Hz
+ Magnet Weight – 10 oz
+ Magnet Structure Weight – 26 oz
+ Cone – Formed Fiber
+ Cone Suspension – High Compliance Foam
+ Voice Coil – 1-inch diameter
+ Voice Coil Form – Anodized Aluminum
### i.Net SPEAKERS
**MODEL G545 / G585**

#### OUTPUT ADJUSTMENT
- Optional Inline (0 to -12dB)

#### WIRE REQUIREMENTS
- All wire must be plenum rated and UL listed
- Speakers use Cat 5e or equivalent, 4 twisted pair and RJ45 connectors
- Straight cable – Pin 1 to Pin 1, Pin 2 to Pin 2, etc

#### OTHER SYSTEM REQUIREMENTS
- 16 gauge, plenum rated, stranded, 2-conductor wire (for power supply to OP)

#### AGENCY LISTINGS
- UL 6500 or ANSI/UL 60065: Approved for use as audio/video equipment. US & Canada.
- UL 1480: Approved for use as speakers for use in fire alarm, emergency, and commercial and professional use. US and Canada.

#### HOW TO SPECIFY A MODEL #:

<table>
<thead>
<tr>
<th>I</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>V</th>
<th>VI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lid Type</td>
<td>Specify Unit Height</td>
<td>Jack Chain or Airplane Wire</td>
<td>Specify Hanging Style (Not available on desktop units)</td>
<td>Specify Color</td>
<td>Specify Wire Box if local code dictates</td>
</tr>
<tr>
<td>Leave blank for standard lid</td>
<td>G545 (6&quot;)</td>
<td>Leave blank for standard hanging method</td>
<td>Leave blank for power wires with no box</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LG035 (ceiling plate)</td>
<td>G585 (4&quot;)</td>
<td>TRI for tripod hanging or 3-notch chain configuration</td>
<td>HB - Handy Box Unit (ex. St. Louis, Miami, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AW for airplane wire</td>
<td>INV for inverted 3-notch chain</td>
<td>C - Air Tight Electrical Box Unit (ex. Chicago, etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INVCHAIN for inverted single jack chain</td>
<td>W - White</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SSL / SST for L/T-Mounting bracket</td>
<td>B - Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Example #1
G545-TRIHB - 6" Unit with Tripod Lid and Handy Box

<table>
<thead>
<tr>
<th>Lid Type</th>
<th>Specify Unit Height</th>
<th>Jack Chain or Airplane Wire</th>
<th>Specify Hanging Style (Not available on desktop units)</th>
<th>Specify Power Wires Covered if local code dictates</th>
</tr>
</thead>
<tbody>
<tr>
<td>G545</td>
<td>-</td>
<td>TRI</td>
<td>HB</td>
<td></td>
</tr>
</tbody>
</table>

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