

IC-800-T

HIGH OUTPUT, FULL RANGE 8" 2-WAY IN-CEILING LOUDSPEAKER



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UL-1480
UL-2043

PRODUCT OVERVIEW

The IC-800-T packs proven materials and Tractrix® horn technology into a high performance, install friendly, UL-2043 & 1480 certified loudspeaker with an integrated backcan. For distributed applications, the IC-800-T features a 70/100 volt, 100 watt, multi-tap transformer. A single rotary switch for the 8-ohm bypass and multi-tap settings is conveniently located under the speaker grille.

The two-way IC-800-T features an 8-inch woofer and 1 inch titanium diaphragm compression driver on a 3.5 inch Tractrix Horn for smooth response and exceptional off-axis performance. The Tractrix port design helps provide deeper, extended bass with less distortion. The low insertion loss 100 watt transformer means you'll be able to achieve higher output levels with less compression due to transformer saturation.

The IC-800-T is shipped complete with a tile-bridge for installation in a suspended ceiling or wherever additional reinforcement of the ceiling material is required.

FEATURES

- Tight 75 degree coverage pattern for high ceiling applications
- Tractrix port design for deep bass with improved linear response
- 100 watt, low insertion loss, multi-tap transformer for high output and less compression
- Excellent low-frequency performance for applications where low-frequency bass extension is required
- 70-volt, 100-volt or low impedance operation selectable via a front baffle switch
- Designed to mix & match with Klipsch CA-T speakers

APPLICATIONS

- Boardrooms & Offices
- Retail Outlets / Shopping Malls
- Airports, Convention Centers, Hotels
- Lounges / Cruise Ships / Bars
- Reception / Waiting Rooms
- Business Music Systems

SPECIFICATIONS

| | |
|--|--|
| FREQUENCY RESPONSE¹ (+/- 4 dB) | 49 Hz - 20 kHz, -10dB 37Hz |
| POWER HANDLING² | 100 watts (22V) 400 watts peak |
| MAXIMUM SPL³ | 111 dB Continuous 117 dB Peak |
| SENSITIVITY⁴ | 92dB @1M, @2.8V AES |
| COVERAGE ANGLE | 75° +/-25 Degrees 1 kHz - 20 kHz |
| DIRECTIVITY INDEX (DI) | 8 dB |
| DIRECTIVITY FACTOR (Q) | 6.3 |
| NOMINAL IMPEDANCE (IN 8 OHM BYPASS MODE) | 6.5 ohms 4.2 ohm minimum |
| COMPONENTS | One 8" (20.32cm) woofer 1" (2.54cm) Titanium diaphragm compression driver |
| INPUT CONNECTION | Terminal Strip |
| TAP SETTINGS | 70V: 100w, 50w, 25w, 12.5w 100V: 100w, 50w, 25w |
| ENCLOSURE TYPE | Bass-reflex via Tractrix port |
| SAFETY AGENCY RATING | UL-1480, UL-2043 |
| WIRE GAUGE ACCOMMODATED | 14 AWG |
| CUTOUT DIMENSIONS | 12.625" (32.1cm) diameter |
| MOUNTING DEPTH | 12.75" (32.4cm) |
| OVERALL DEPTH | 13.125" (33.3cm) |
| OVERALL WIDTH | 14.15" (35.9cm) diameter |
| THRU HOLE WIDTH | 12.5" (31.75cm) |
| WEIGHT | 21 lbs. (9.5kg) |
| FINISHES | White/Paintable/Black |
| ACCESSORIES | Mud Ring Kit (PN: 061347) |

ALSO AVAILABLE MUD RING KIT



- ¹ 3M, Half-spaced anechoic
² AES standard, continuous pink noise 50 Hz - 10 kHz, 6dB peaks
³ Calculated at 1M at power handling power input, 8 ohm mode
⁴ SPL at 1M, Half-spaced anechoic with 2.83V input

IC-800-T

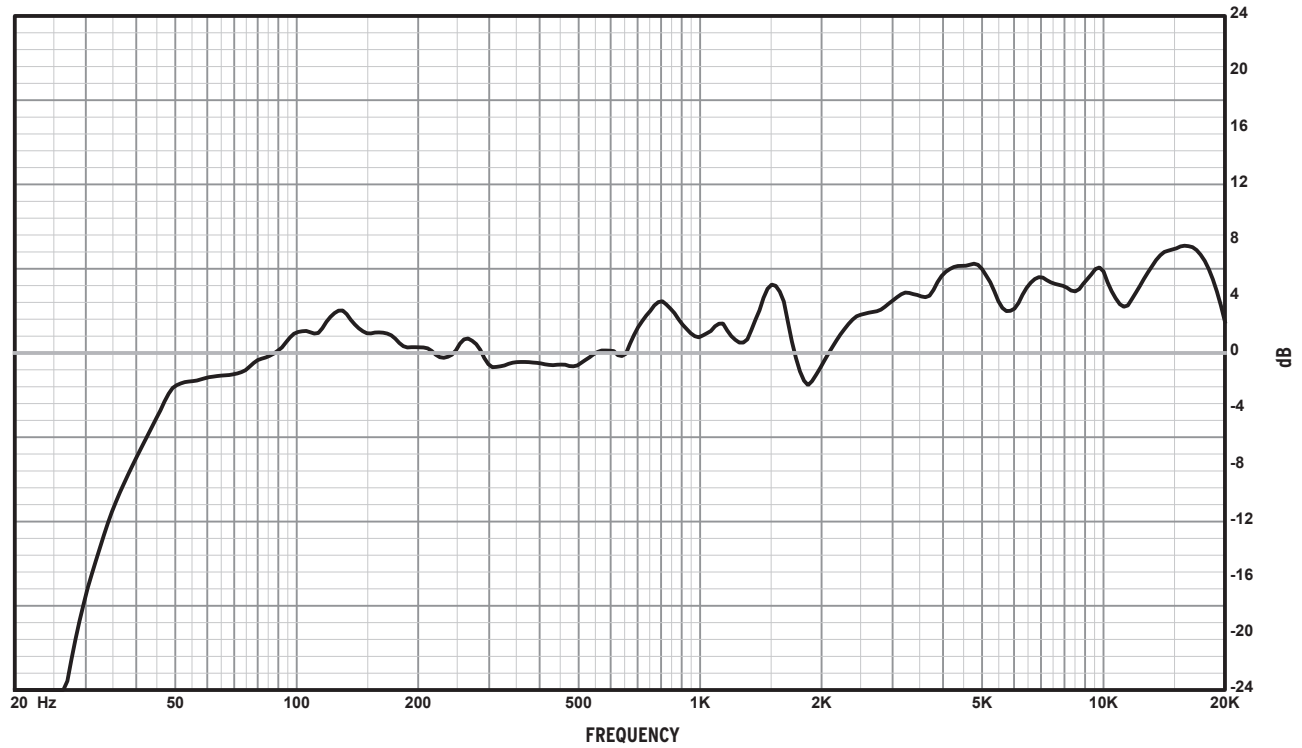
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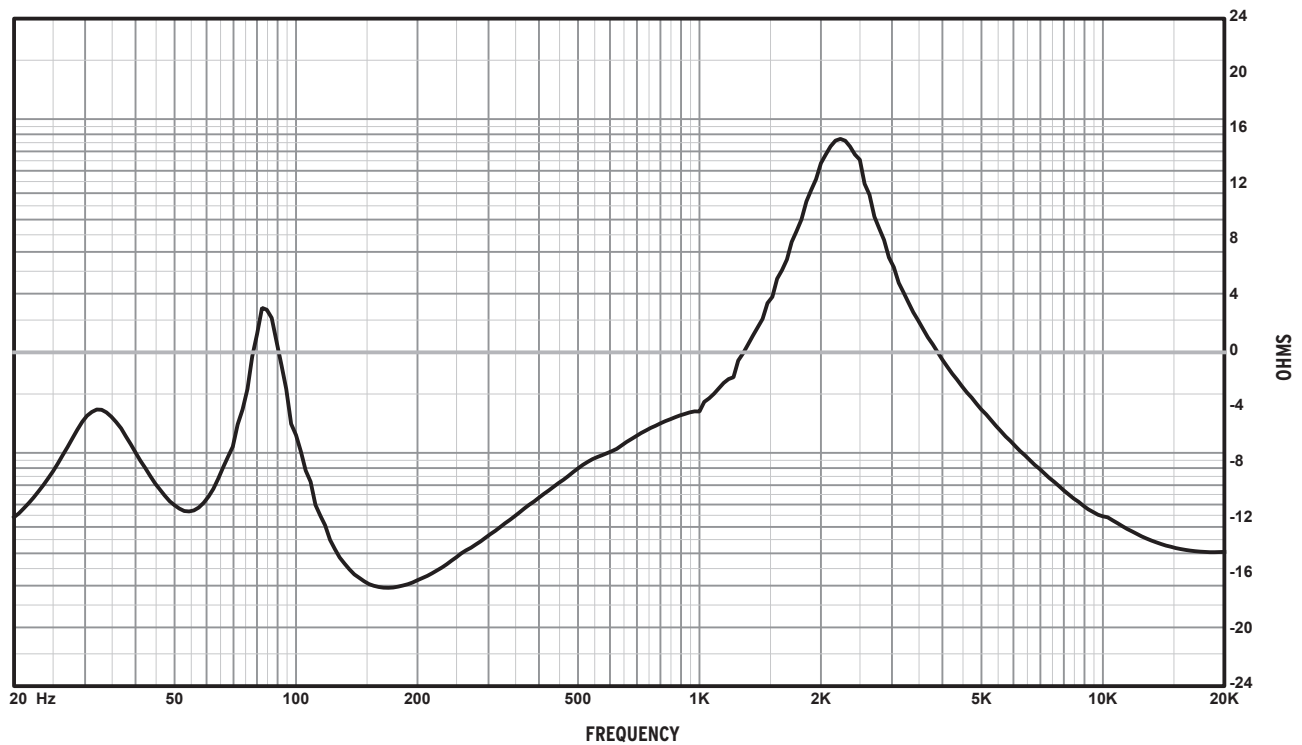
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FREQUENCY RESPONSE



IMPEDANCE



IC-800-T

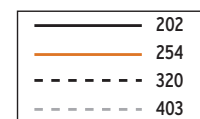
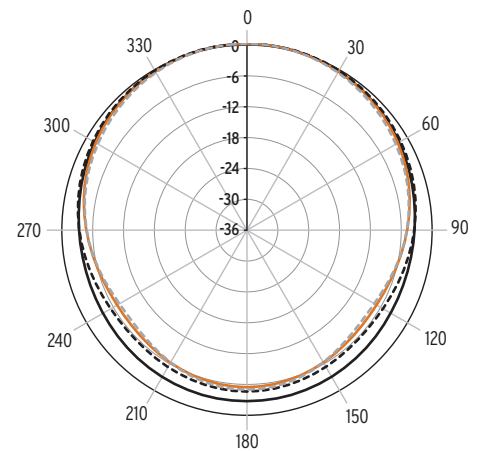
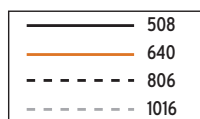
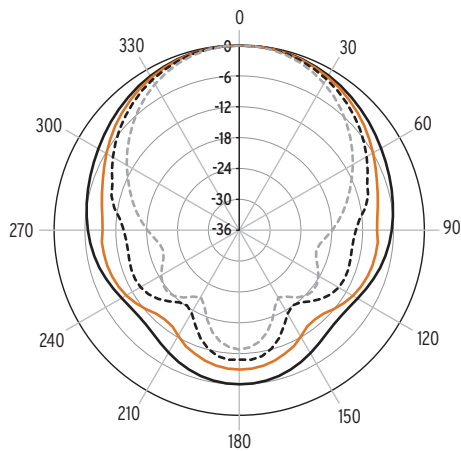
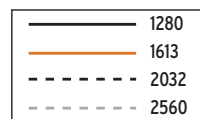
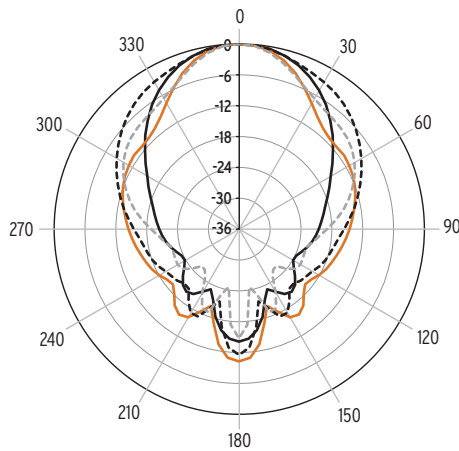
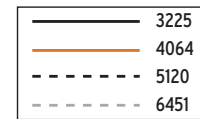
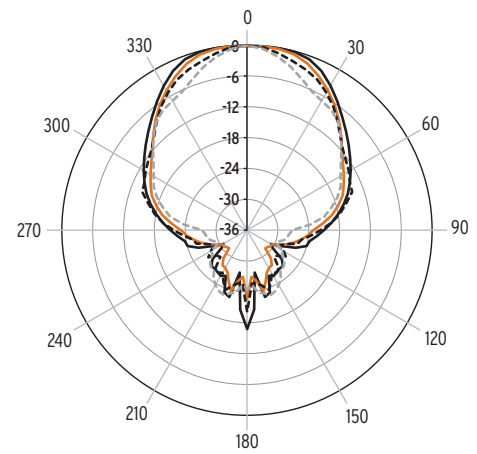
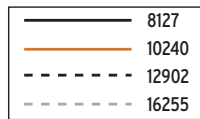
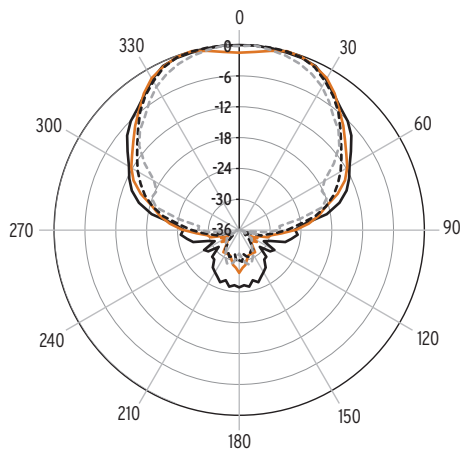
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HORIZONTAL 1/3 OCTAVE POLARS



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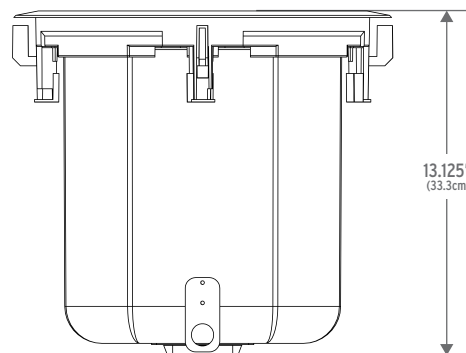
NEED HELP WITH YOUR PRO SYSTEM DESIGN?

You need to make the best impression, from the initial job quote through the completed installation. We can help choose the best Klipsch speakers for the application and help design a system that unleashes your venue's full potential.

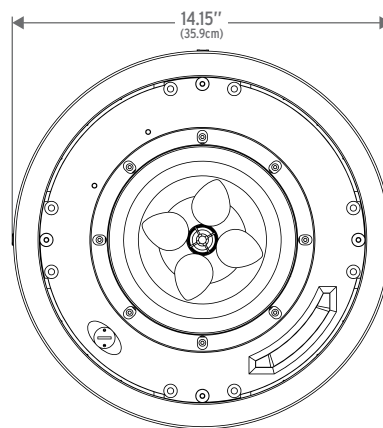
Send us your plans or questions to us at:

PROSYSTEMDESIGN@KLIPSCH.COM

TOP/BOTTOM



FRONT



BACK

