

### SPECIFICATIONS

<b>Loudspeaker Type:</b>	2-way, full-range
<b>Operating Range:</b>	65 Hz to 18 kHz 80 Hz to 16 kHz (±4 dB)
<b>Max Input Ratings:</b>	60W continuous, 120W program 22 volts RMS, 44 volts momentary peak
<b>Wattage Tap Selections (I/O8T only):</b>	Transformer taps with 70V/100V option 40 / 20 watts @ 100V 40 / 20 / 10 watts @ 70V
<b>Recommended Power Amplifier:</b>	100W to 140W @ 8 ohms
<b>Sensitivity (1W/1m):</b>	87 dB SPL (100 Hz to 16000 Hz 1/3 octave bands) 87 dB SPL (250 Hz to 4 kHz speech range)
<b>Maximum Output:</b>	105 dB SPL / 111 dB SPL (peak)
<b>Nominal Impedance:</b>	8 ohms
<b>Minimum Impedance:</b>	6.8 ohms @ 10.90 kHz
<b>Nominal -6dB Beamwidth:</b>	90°H (+8° / -30°, 2 kHz to 16 kHz) 50°V (+35° / -5°, 2 kHz to 16 kHz)
<b>Axial Q / DI:</b>	12.7 / 11, 2 kHz to 16 kHz
<b>Crossover Frequency:</b>	2 kHz
<b>Recommended Signal Processing:</b>	70 Hz high pass filter
<b>Drivers:</b>	LF (1) 8" HF (1) 1/2"
<b>Input Connection:</b>	Binding post inputs
<b>Controls:</b>	4 position switch (I/O8T only)
<b>Enclosure:</b>	High-impact polypropylene
<b>Finish:</b>	Black or white
<b>Mounting/Rigging Provisions:</b>	(2) mounting points for use with included Infin-A-Ball mounting system; (1) Picture hanger style
<b>Grille:</b>	Powdercoated steel, black or white
<b>Supplied Accessories:</b>	(1) Infin-A-Ball mounting bracket
<b>Dimensions—Height:</b>	17.717 inches / 450 mm
<b>Width:</b>	10.433 inches / 265 mm
<b>Depth:</b>	10.236 inches / 260 mm
<b>Weight:</b>	I/O8 — 14.06 lbs (6.37 kg) I/O8T — 16.32 lbs (7.4 kg)
<b>Shipping Weight (In Pairs):</b>	I/O8 — 38.82 lbs (15.9 kg) I/O8T — 43.34 lbs (19.66 kg)

#### NOTES:

- Sensitivity: Free field pink noise measurement at 10 ft (3 m) at 50% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
- Watts: All wattage figures are calculated using the rated nominal impedance.



### APPLICATIONS

- Swimming pools
- Sports stadia
- Houses of worship
- Sports facilities and health clubs
- Cruise ships
- Schools
- Corporate training rooms

### FEATURES

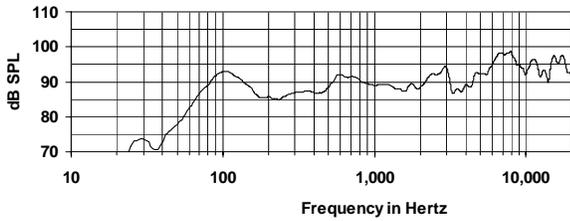
- Compact injection molded cabinet
- 90 x 50 dispersion
- Binding post inputs for easy and secure terminations
- Polypropylene LF cones for all-weather use
- Powdercoated steel grille
- Suitable for indoor and indirect outdoor applications of all types
- Infin-A-Ball mounting bracket included
- Available with or without a 70V/100V transformer
- Available in black or white finishes
- Five-year warranty

### DESCRIPTION

The I/O8 is a compact 8-inch, 2-way system which can outperform many competitive similar systems, and handles a full 120 watts of program power. The I/O8 offers high sensitivity and high power handling to allow dynamic and realistic sound reproduction over its full operating range. Available in black (I/O8B, I/O8BT) or white (I/O8W, I/O8WT). Available with or without a factory-installed 70V/100V transformer. Five year warranty.

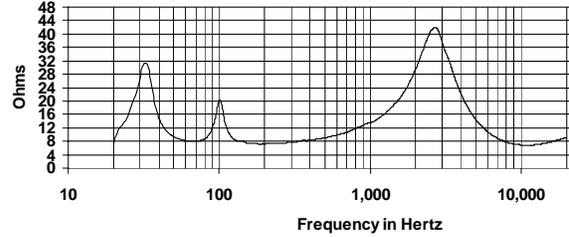
### FREQUENCY RESPONSE

Resolution <500 Hz = 10 Hz, >500 Hz = 40 Hz, 1/8 octave smoothing

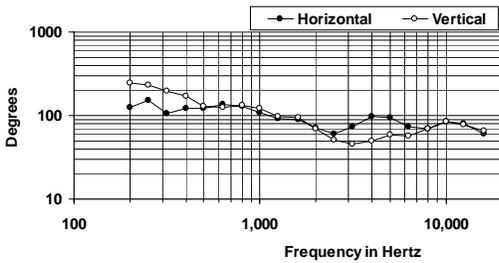


### IMPEDANCE

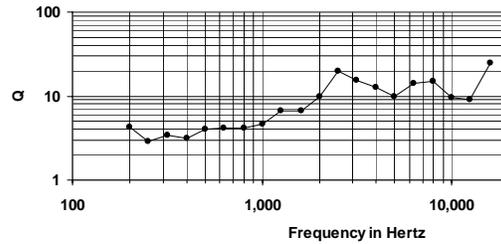
Min Z 50 Hz - 20000 Hz = 6.8 Ohms @ 10890 Hz



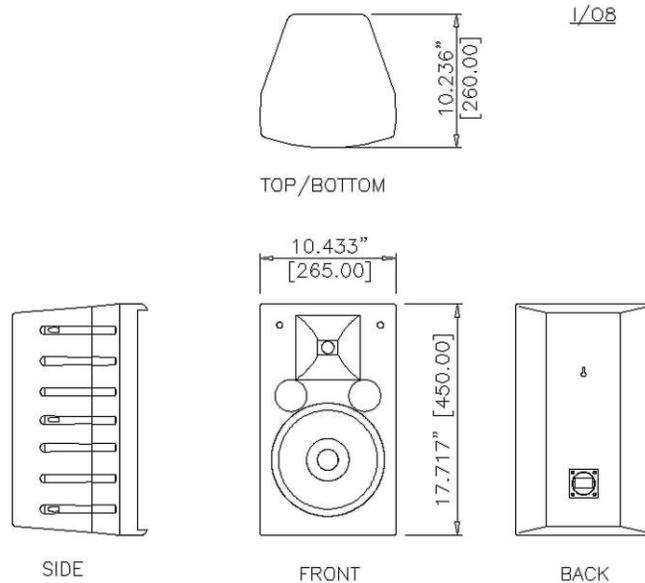
### BEAMWIDTH



### AXIAL Q



### DIMENSIONS



### TAP INSTRUCTION INPUT LABEL FOR I/O8T VERSION

