



PROFESSIONAL LOUDSPEAKERS

TANDEM DRIVE² TD215S

DUAL 15" LF DRIVER SUBWOOFER

SPECIFICATIONS (See notes 1 and 2)

Loudspeaker Type: Compact Dual 15" Subwoofer
Operating Range: 35 Hz - 180 Hz
 45 Hz - 160 Hz (+/- 2 dB)

Max Input Ratings:

400W continuous, 1000W Program
 40 volts RMS, 89 volts momentary peak

Recommended Power Amplifier:

For maximum SPL: 830W to 1200W @ 4 Ohms

Sensitivity 1W/1m:

95 dB SPL (45 Hz - 160 Hz 1/3 octave bands)

Maximum Output: 121 dB SPL / 128 dB SPL (peak)

Nominal Impedance: 4 Ohms

Min Impedance: 3.2 Ohms @ 40 Hz

Nominal -6dB Beamwidth:

360° H x 180° V

Axial Q / DI: 1 / 0, 40 Hz - 150 Hz

Recommended Signal Processing:

40 Hz high pass filter
 80-150 Hz low pass filter

Drivers: LF (2) 15" woofer

Driver Protection: Dyna-Tech™

Input Connection: (2) Locking connector
 (compatible with Speakon™ NL4)
 (2) 1/4" jacks

Controls: LF filter in/out
 Parallel/High Pass output

High-Pass Output Connection:

(1) Locking connector
 (compatible with Speakon™ NL4)
 (1) 1/4" jack

Enclosure: 13-ply Baltic Birch

Enclosure Hardware: (2) Ergo-Grip handles

Mounting / Rigging Provisions: (1) 1-3/8" stand socket
 (4) 5/16-18 rigging points

Grille: 16 gauge perforated steel, black powder coated

Required Accessories: None

Supplied Accessories: None

Optional Accessories: DXP4800: digital speaker controller
 MP33: 33.5" mounting pole for mounting a Tandem full-range cabinet

Dimensions:

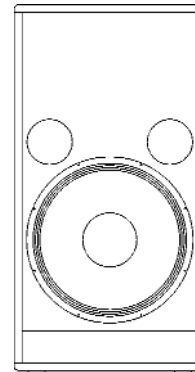
Height: 33.54" / 842 mm
 Width: 17.275" / 438.8 mm
 Depth: 21.886" / 555.9 mm

Weight: 92 lbs. / 41.7 kg

Shipping Weight: 105 lbs. / 47.6 kg

1. Sensitivity: Free field pink noise measurement at 5 ft / 1.5 m at 50% power; extrapolated to 1 meter and an input voltage of 2 volts RMS.

2. Watts: All wattage figures are calculated using the rated nominal impedance.



APPLICATIONS:

- Club Sound Systems
- Mobile and Installed DJ Rigs
- Regional Event Public Address
- Live Tour Reinforcement
- Theater Stage Systems

FEATURES:

- Load Matching, High Pass Output
- Dual 15" Cool-Coil™ Drivers
- Two Locking Connectors Plus Two 1/4" Jacks
- 2 Ergo-Grip Handles, Pole Mount and Rigging Points
- Perforated Steel Grille
- Dyna-Tech Protection

DESCRIPTION

The TD215S is a dual driver subwoofer designed to augment the Tandem Drive² Series full-range loudspeaker systems. Featuring dual 15" Patented Cool-Coil™ subwoofer drivers, the TD215S provides exceptional response down to 35 Hz. The Tandem Drive Cool-Coil™ technology provides assurance against lowered volumes brought on by low frequency fatigue.

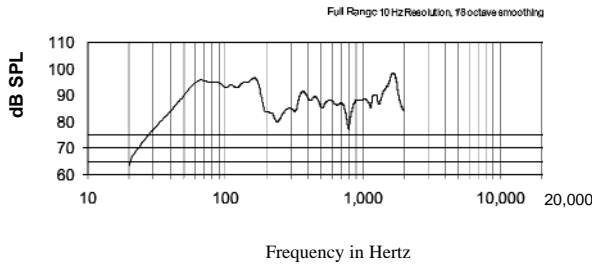
The TD215S has the same compact, well braced construction as the Tandem Drive² full-range systems. Its shock-resistant Tuf-Coat™ exterior resists the scratches and dings of everyday use. Ergo-Grip handles, built-in rigging points and a built-in pole mount complete this versatile package.

Each loudspeaker is backed by Community's Five-Year Warranty.

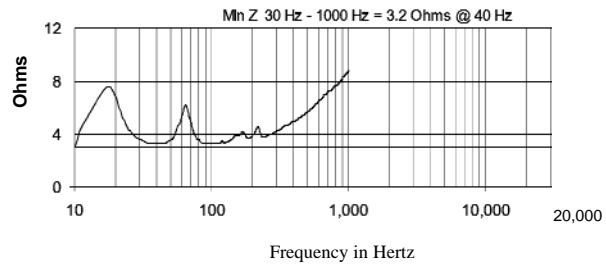
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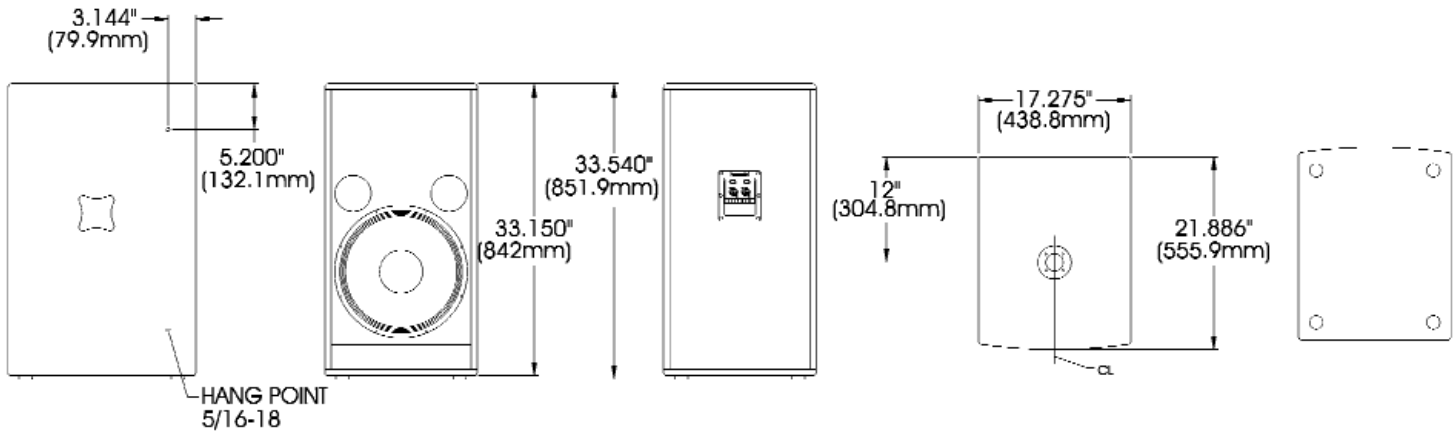
Frequency Response



Impedance



DIMENSIONS



ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker system shall be a compact dual 15" driver design. The drivers shall be connected to a passive crossover network with a crossover frequency at 2 kHz, with driver protection using high positive current coefficient resistors. The cabinet shall be a 13-ply Baltic Birch enclosure with a 16 gauge perforated steel grille. The enclosure shall incorporate one 1-3/8" stand socket for pole mounting and one 5/16-18 hanging point insert. The loudspeaker system shall have an amplitude response of 45-160 Hz (+/- 2 dB SPL), an input capacity of 40V RMS, 95 dB SPL sensitivity @ 2.83V / 1 meter between 45-160 kHz at a nominal 4 Ohm impedance. The nominal dispersion shall be 360° x 180° over a usable frequency range. The dimensions of the enclosure are defined as 33.54" x 17.275" x 21.886" (HWD) at a weight of 92 lbs.