



PROFESSIONAL LOUDSPEAKERS

TANDEM DRIVE² TD218S

DUAL 18" LF DRIVER SUBWOOFER

SPECIFICATIONS (See notes 1 and 2)

Loudspeaker Type: Dual 18" Subwoofer
Operating Range: 30 Hz - 200 Hz
 40 Hz - 150 Hz (+/- 4 dB)

Max Input Ratings:
 600W continuous, 1500W Program
 49 volts RMS, 110 volts momentary peak

Recommended Power Amplifier:
 1250W to 1800W @ 4 Ohms

Sensitivity 1W/1m:
 95 dB SPL (50 Hz - 150 Hz 1/3 octave bands)

Maximum Output: 123 dB SPL / 130 dB SPL (peak)

Nominal Impedance: 4 Ohms

Min Impedance: 3.3 Ohms @ 110 Hz

Nominal -6dB Beamwidth:
 360° H x 180° V

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

Recommended Signal Processing:
 35 Hz high pass filter
 80-150 Hz low pass filter

Drivers: LF (2) 18" woofer

Driver Protection: Dyna-Tech

Input Connection:
 (2) Locking connectors
 (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: (8) Ergo-Grip handles

Mounting / Rigging Provisions:
 (1) 1-3/8" Stand socket,
 5/8-16 mounting points for
 heavy duty casters

Grille: 16 gauge perforated steel, black powder coated

Required Accessories: None

Supplied Accessories: None

Optional Accessories: DXP4800 digital speaker controller
 CASTERS4: Kit of 4 heavy-duty
 4" casters
 SB5: 5 ft. steel mounting pole for
 mounting a Tandem full-range cabinet

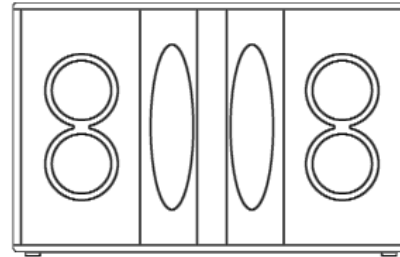
Dimensions:
 Height: 25.54" / 648.7 mm
 Width: 40" / 1016 mm
 Depth: 23.75" / 603.3 mm

Weight: 144 lbs. / 65.3 kg

Shipping Weight: 160 lbs. / 72.6 kg

1. Sensitivity: Free field pink noise measurement at 5 ft / 1.5 m at 60% 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:

- Dual 18" Cool-Coil™ Drivers
- Load Matching, High Pass Output
- Two Locking Connectors Plus Two 1/4" Jacks
- 8 Ergo-Grip Handles, Pole Mount and Caster Mounting Points
- Perforated Steel Grille
- Dyna-Tech Protection
- 5/8-16 mounting points for heavy duty casters

DESCRIPTION

The TD218S is a dual driver subwoofer designed to augment the Tandem Drive² Series full-range loudspeaker systems. Featuring dual 18" Patented Cool-Coil™ subwoofer drivers, the TD218S provides exceptional response down to 30 Hz. The Tandem Drive Cool-Coil™ design provides assurance against lowered volumes brought on by low frequency fatigue.

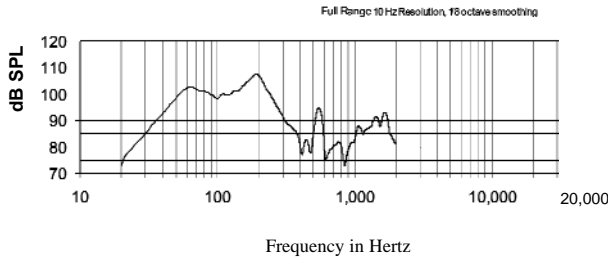
The TD218S has the same well braced construction as the Tandem Drive² full-range systems. Its shock-resistant Tuf-Coat™ exterior resists the scratches and dings of everyday use. Ergo-Grip handles and a built-in pole mount complete this versatile package.

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

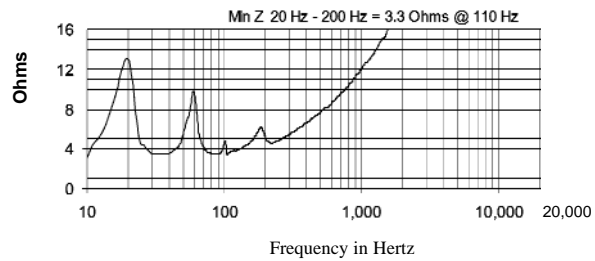
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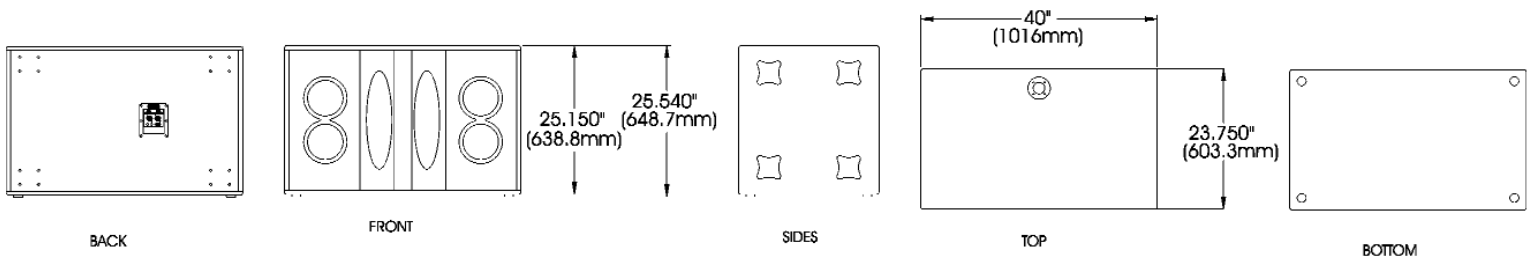
Frequency Response



Impedance



DIMENSIONS



ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker system shall be a low frequency dual 18" driver design, 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 eight cup handles and one 1-3/8" stand socket for pole mounting. The loudspeaker system shall have an amplitude response of 40-150 Hz (+/- 4 dB SPL), an input capacity of 49V RMS, 95 dB SPL sensitivity @ 2.83V / 1 meter between 50-150 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 25.54" x 40" x 23.75" (HWD) at a weight of 144 lbs.