

SPECIFICATIONS TLS™ 4X



Frequency range (-10 dB, half space):
40 Hz to 21 kHz

Frequency response (+/- 3dB, half space):
58 Hz to 18 kHz

Sensitivity (1w/1m):
100 dB

Power rating (program):
800 Watts

Peak power capacity (peak):
1,600 Watts

Maximum SPL:
131 dB

Transducer complement:
Two Sheffield® Pro 1500 HO™ 15" premium woofers, 14XT Plus™ 1.4" titanium diaphragm dynamic compression driver on a 90° x 40° coverage constant directivity horn

Driver protection:
Sound Guard™ IV for the compression driver provides long- and medium-term overload and overdrive protection

Nominal coverage pattern:
90° x 40°

Electro-acoustic crossover frequencies:
300 Hz, 2.6 kHz

Nominal impedance:
4 Ohms

Input connections:
Two 1/4" phone jacks in parallel

Enclosure materials and finish:
Trapezoidal, black carpet-covered enclosure with dado joined 1/2" MDF (Medium Density Fiberboard) and a full-length black powder-coated steel grille

Dimensions (H x W x D):

Front:

44.75" x 18.25" x 17.563"
113.66 cm x 43.36 cm x 44.61 cm

Rear:

44.75" x 12.25" x 17.563"
113.66 cm x 31.12 cm x 44.61 cm

Weight:
81 lbs. (36.82kg)

Bullets:

- Quasi-three-way sound reinforcement enclosure
- Peavey exclusive Sheffield Pro 1500 HO woofers with 2.5" voice coils
- 1.4" 14XT Plus™ titanium diaphragm compression driver
- Sound Guard IV tweeter protection
- 800 Watts program/1600 Watts peak power handling
- Heavy duty crossover network for driver protection and EQ
- Rugged trapezoidal enclosure
- 90° x 40° coverage constant directivity horn for better off-axis tonality



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- High quality, heavy duty carpet covering
- Steel handles
- Steel corners
- Rugged dado and rabbet construction for light weight-yet-strong joinery
- T-Nut speaker mounting
- Heavy duty, full-length steel grille

Description

The TLS 4X is a quasi-three-way speaker system utilizing two 15" Sheffield® Pro 1500 HO™ woofers and a 14XT Plus™ titanium diaphragm dynamic compression driver mounted on a 90° x 40° coverage constant directivity horn.

The rugged, carpet-covered trapezoidal enclosure with steel handles facilitates portable use for live music, speech sound reinforcement and music playback. A full-length black powder-coated steel grille provides driver protection and a professional appearance.

The TLS™ 4X speaker system is rated at 800 Watts program power handling, and the full crossover network includes high voltage film caps and Sound Guard™ IV tweeter protection for clear, punchy sound and excellent long-term reliability. Two 1/4" phone jack input connectors make hook-up a breeze.

3 + 2 YEAR LIMITED WARRANTY

NOTE: For details, refer to the warranty statement. Copies of this statement may be obtained by contacting Peavey Electronics Corporation, P.O. Box 2898, Meridian, Mississippi 39301-2898.

Amplitude Response (1W 1m On-Axis)

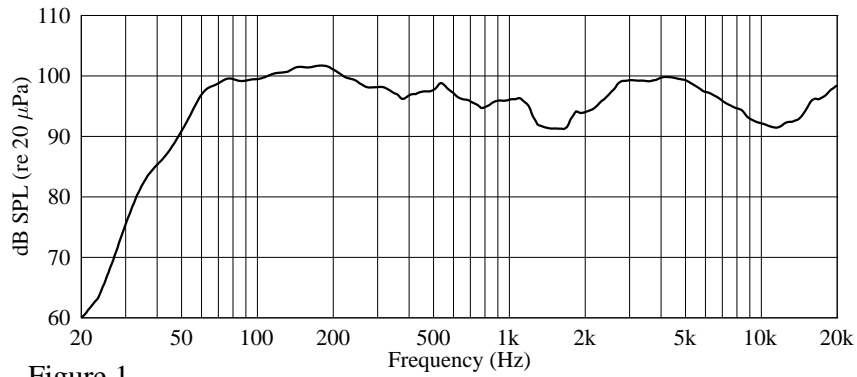


Figure 1

Beamwidth

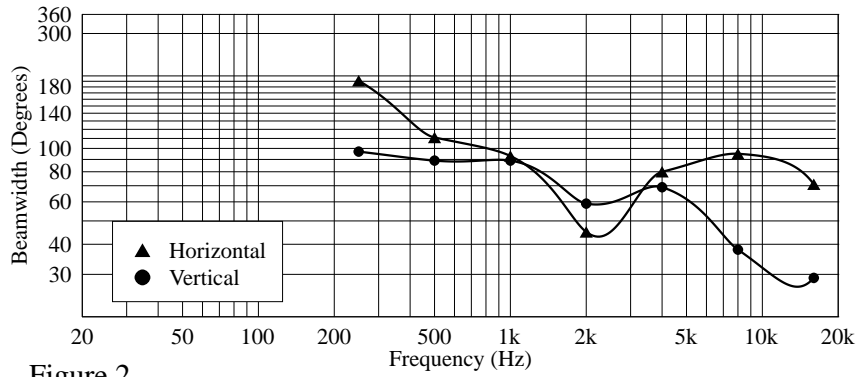


Figure 2

Q & Directivity Index

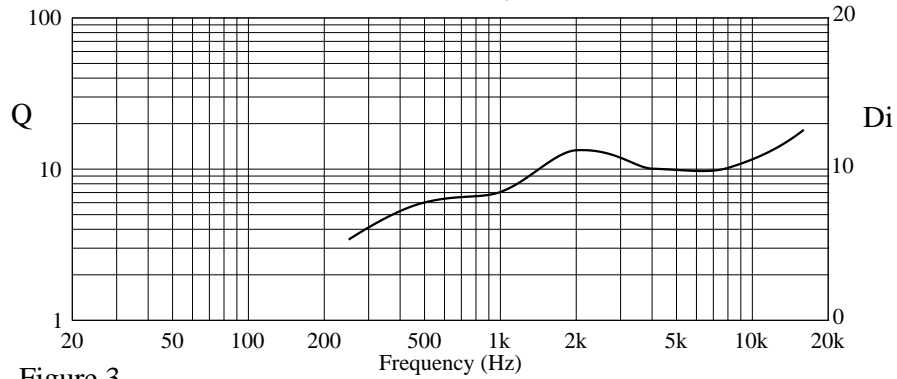


Figure 3



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Features and specifications subject to change without notice.

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