

PEAVEY ELECTRONICS

I545™ Ti Two-Way Dual-Angle Floor Monitor

SPECIFICATIONS

Frequency Response:

88 Hz - 14 kHz \pm 3 dB

Low Frequency Limit (-3 dB point):

88 Hz

**Useable Low Frequency Limit
(-10 dB point):**

56 Hz

Power Handling:

250 watts continuous (44.7 volts RMS)

500 watts program

**Sound Pressure Level 1 Watt at 1
Meter Swept Sine Input in Anechoic
Environment:**

101 dB

Maximum Sound Pressure Level:

124 dB

Nominal Dispersion:

45° H x 90° V

Transducer Complement:

One 1505 KADT-8 15" Black Widow
woofer with Kevlar™ impregnated cone;
one 22T 2" titanium diaphragm compres-
sion driver mounted on a CH-3 CD horn

Tuning Frequency (F box):

Sealed box 96 Hz

Electrical Acoustic**Crossover Frequency:**

1200 Hz

Crossover Type:

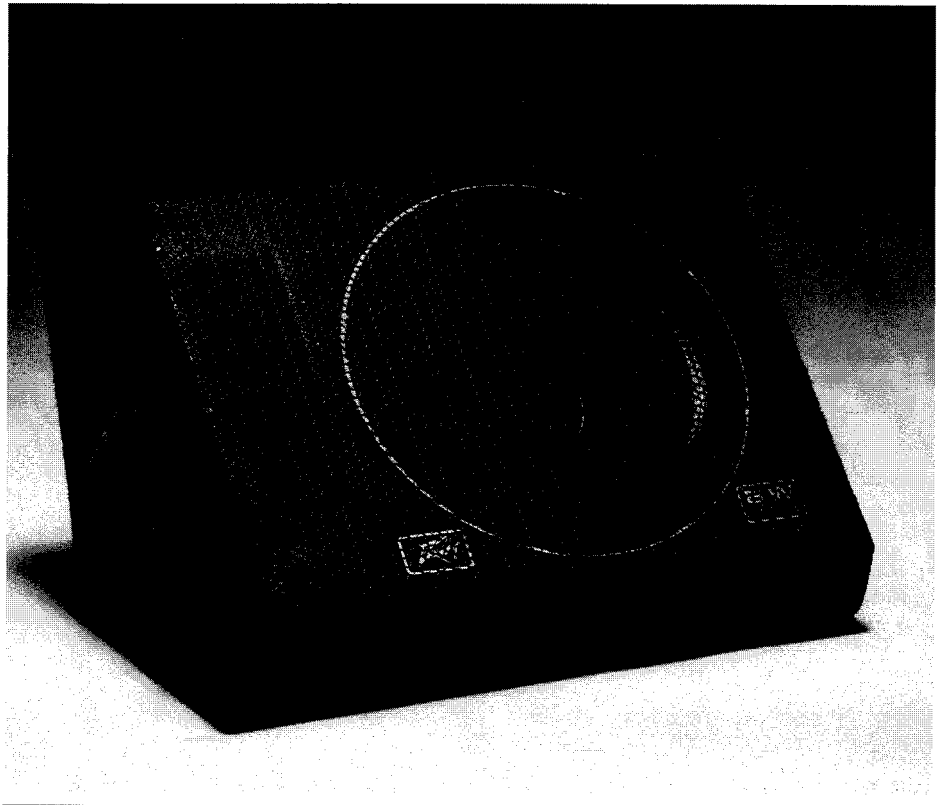
Passive internal

**High-level Electrical
Crossover Slope:**

Modified 12 dB/octave (2nd order) for both
low and high pass

Impedance (Nominal):

8 ohms

**Impedance (Minimum):**

6.4 ohms

Input Connections:

Two full-range 1/4" female connectors, one
each biamp high and low

Enclosure Materials and Finish:

7 ply, high density, 3/4" plywood covered
with wear resistant black carpet, a 3-D
perforated metal grille provides driver pro-
tection

Mounting:

Two sets of 4 rubber feet to accomodate
dual-angle usage

Dimensions:

24 3/8" W (61.9 cm) x 16 1/4" H (41.3 cm) x
18 7/16" D (46.8 cm)

All dimensions are with monitor in 45°
slant position

Net Weight:

53 lbs.

Additional Remarks:

Enclosure provides dual-angle use, either
45° or 30°)

FEATURES

- Dual-angle use: 45° or 30°
- 3-D protective metal grille
- Low-profile contemporary cabinet
- Black carpet material covering
- High-level passive crossover with bi-amp capability
- Clean crisp vocals at high SPL's
- 15" Black Widow® with Kevlar™ im-
pregnated cone
- 22T™ 2" titanium compression driver
- CH™-3 constant directivity horn



DESCRIPTION

The 1545™ Ti is a full-range, two-way, dual-angle floor monitor, engineered for onstage monitoring applications at high SPL's while maintaining vocal clarity. The cabinet is constructed of 7 ply, 3/4" high density plywood, reinforced with internal bracing and covered with a black, wear-resistant carpet material. A 3-D black perforated metal grille provides driver protection. The two-way system is comprised of a Kevlar® impregnated 15" 1505-8 KADT Black Widow® low frequency driver, a 22T™ titanium diaphragm compression driver mounted onto a CH™-3 constant directivity horn supplying the mid and high frequencies. The audio spectrum is divided by a two-way high-level passive internal crossover network, providing a smooth frequency response from 88 Hz to 14 kHz. Full-range or biamp operation is available via 1/4" female connectors, two full-range inputs in parallel and one each biamp high and low. Two sets of rubber feet are furnished to facilitate the dual-angle use the 1545 Ti is capable of providing.

FREQUENCY RESPONSE

This measurement is useful in determining how accurately a given enclosure reproduces an input signal. The frequency response of the 1545 Ti is measured at 1 meter using a 2.82 volt swept sine input. The selected drivers in the 1545 Ti combine to give a smooth frequency response from 88 Hz to 14 kHz.

POWER HANDLING

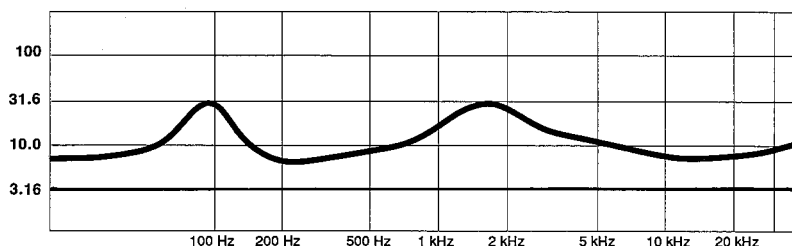
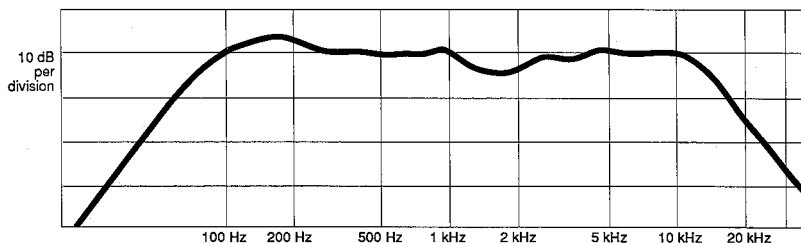
There are many different approaches to power handling ratings. Peavey rates this speaker system's power handling using a modified form of the AES Standard 2-1984. Utilizing audio band (20 Hz-20 kHz) pink noise with peaks over four times the RMS level, this strenuous test signal assures the user that every portion of this system can withstand today's high technology music. The test signal contains large amounts of very low frequency energy, effectively simulating the frequency content of live music situations. The full measure of high frequencies in the test signal allow for exposure of the speaker system to synthesized tones that may extend beyond audibility. This rating is contingent on having a minimum 3 dB of amplifier headroom available.

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The loudspeaker system shall have an operating bandwidth of 88 Hz to 14 kHz. The output level shall be 101 dB when measured at a distance of one meter with an input of one watt. The nominal impedance shall be 8 ohms. The continuous power handling shall be 250 watts, maximum program power of 500 watts, with a minimum amplifier headroom of 3 dB. The nominal radiation geometry shall be 45° in the horizontal plane and 90° in the vertical plane. The outside dimensions shall be 24 3/8" wide by 16 1/4" high by 18 7/16" deep. The weight shall be 53 pounds. The loudspeaker system shall be a Peavey model 1545™ Ti.

ONE 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 39302-2898.



Features and specifications subject to change without notice.

Peavey Electronics Corporation 711 A Street / Meridian, MS 39302-2898 / U.S.A. / (601) 483-5365 / Telex: 504115 / Fax: 484-4278