



DS™-3003 Full Range Two-way Enclosure

SPECIFICATIONS

SPECIFICATIONS

Frequency Response:

55 Hz - 16 kHz

Low Frequency Limit (-3 dB point):

55 Hz

Useable Low Frequency Limit

(-10 dB point):

48 Hz

Power Handling:

300 watts continuous (49 volt RMS)
600 watts program

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

102 dB

Maximum Sound Pressure Level:

125 dB

Transducer Complement:

Two 15" 1505-8KA-DT Kevlar® im-
pregnated cone Black Widow® woofers
One 22T™ compression driver loaded onto
a CH™-2 90°H x 45°V horn

Tuning Frequency (FBox)

60 Hz

Crossover Frequency:

1200 Hz

Crossover Type:

Passive

Crossover Slope:

12 dB/octave high and low pass

Impedance (Nominal):

4 ohms

Impedance (Minimum):

3.2 ohms

Input Connections:

Two ¼" female full range inputs in
parallel, one ¼" female biamp low and
one ¼" female biamp high

Enclosure Materials and Finish:

¾" high density plywood, covered in wear
resistant carpet reinforced with steel
corners

Mounting:

Four heavy duty low profile casters, rear
two with foot locking brakes

Dimensions:

22.125" (56.2cm) W x 45" (114.3cm) H x
19" (48.3cm) D

Net Weight:

135 lbs.

FEATURES

- Two 15" Black Widow® speakers (1505-8KA-DT)
- CH™-2 horn with 22T™ compression driver
- Recessed handles
- ¾" high-density plywood construction

- Durable carpet covering
- Tuned and ported enclosure design
- Locking casters
- Impedance: 4 ohms

DESCRIPTION

The DS™ 3003 is a full range, 600 watts program, 2-way enclosure designed primarily as portable DJ equipment for musical playback. Other applications include sound reinforcement and public address. The system is comprised of two premium quality 1505-8KA-DT Black Widow® drivers supplying extended low end and a smooth natural mid-band by allowing both woofers to play up to 1200 Hz. A 22T™ compression driver coupled to a CH™-2 constant directivity horn gives the system the crisp highs demanded in the toughest venues. The input is divided by a 2-way passive crossover allowing the drivers to operate in optimum time alignment. The system exhibits a smooth frequency response from 55 Hz out to 16,000 Hz. Full-range or biamp operation is available via ¼" inputs. The enclosure is constructed of ¾" 7-ply, high-density plywood, then covered with heavy-duty, wear-resistant carpet to extend the cosmetic life of the enclosure. Locking casters are added for easy mobility and setup.

Kevlar® is a registered trademark of DuPont

FREQUENCY RESPONSE

This measurement is useful in determining how accurately a given enclosure reproduces an input signal. The frequency response of the DS-3003 is measured at 1 meter using a 2 volt swept sine input. As shown in Figure 1, the selected drivers in the DS-3003 combine to give a smooth frequency response from 55 Hz to 16 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.

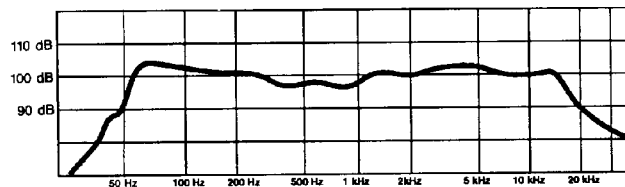
ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The loudspeaker system shall have an operating bandwidth of 55 Hz to 16 kHz. The output level shall be 102 dB when measured at a distance of one meter with an input of one watt. The nominal impedance shall be

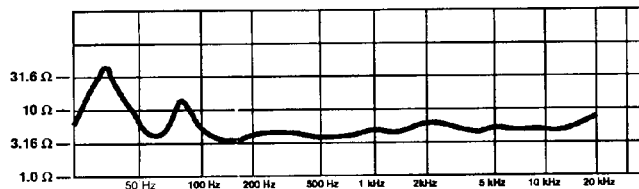
4 ohms. The continuous power handling shall be 300 watts, maximum program power of 600 watts, with a minimum amplifier headroom of 3 dB. The outside dimensions shall be 22.125" wide by 45" high by 19" deep. The weight shall be 135 pounds. The loudspeaker system shall be a Peavey model DS™-3003.

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.



DS™-3003



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: 486-1278