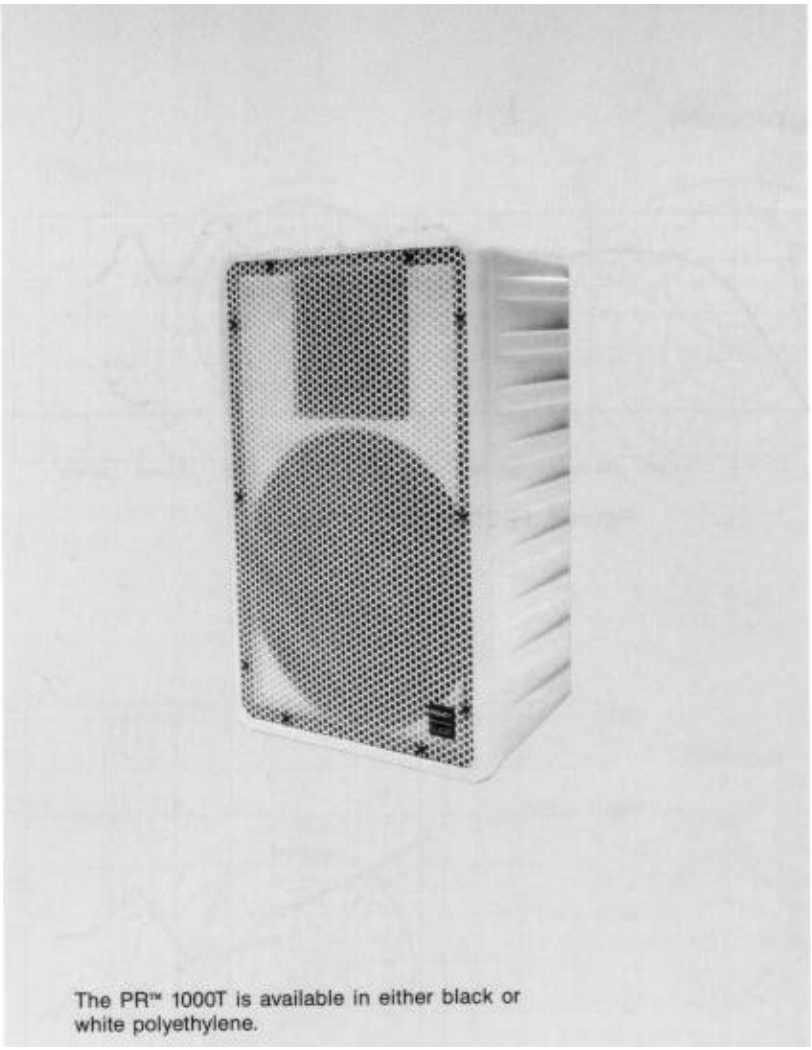


The PR™ 1000T is available in either black or white polyethylene.

PEAVEY®
ARCHITECTURAL ACOUSTICS®

PR™ 1000T
Two-Way Weather Resistant 70 Volt Speaker System

SPECIFICATIONS

SPECIFICATIONS

Frequency Response:
65-20 kHz +/- 3db

Low Frequency Limit (-3 dB):
65 Hz

Useable Low Frequency Limit (-10 dB):
50 Hz

Power Handling:
25 W, 12.5 W, 6.25 W
3.125 W depending on tap

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

Maximum Sound Pressure Level:
104 dB

Radiation Angle Mearues at -6 dB Point of Polar Response of Swept Sine Input:

Horizontal Plane:	Vertical Plane:
250—500 Hz	**250—500 Hz**
200°+/-60°	160°+/-60°
500—1,000 kHz	**500—10,000 Hz**
90°+/-40°	80°+/-30°
10,000—16,000 Hz	**10,000—16,000 Hz**
70°+/-10°	60+/-20°

Directivity Factor Q, 500 Hz—16,000 Hz Median:
7.2 (±2.2)

Directivity Index D_i, 500-16,000 Hz Median:
8.6 dB (±3.4 dB)

Transducer Complement:
1-12″ low frequency driver
1-Constant directivity horn

Enclosure Materials:
Polyethylene

Mounting:
Via Omnimount® 100 or stand mountable

Dimensions:
14″ W x 21″ H x 11″ D (front)
8¼″ W x 19½″ H x 11″ D (rear)

Net Weight:
24 lbs. (11 kg)

DESCRIPTION

The PR™ 1000T combines outstanding sound quality and durability in an attractive and versatile package. The weatherproof enclosure is perfectly suited for permanent outdoor installation. The custom made 12″ woofer and horn loaded tweeter are protected by a sturdy metal grille. The PR 1000T has a frequency response of 65 Hz to 20 kHz and a sensitivity of 90 dB at 1 Watt, 1 meter. The trapezoidal enclosure is constructed of durable black or white polyethylene. The PR 1000T can be mounted via Omnimount® Series 100 hardware on either its top or side. In addition to these mounting points, a stand adaptor has been molded into the enclosure.

DIRECTIVITY

Beamwidth and directivity factors are derived from the -6 dB points from the polar plots (see figure 4) which are measured in a whole space anechoic environment.

The are specifications which provide a reference to the coverage characteristics of the enclosure. These parameters provide insight for proper speaker placement and installation in the chosen environment. The blending of the components exhibits a desirable beamwidth and directivity factor (Figures 2 and 3) suitable for all permanent installations.

FREQUENCY RESPONSE

The frequency response of the PR 1000T is measured in an anechoic environment at a distance of one meter while using a 2.82 volt swept sine input. This measurement is useful in determining the accuracy in which the enclosure reproduces the input signal. The combination of the low frequency loudspeaker and the constant directivity horn results in a flat response as shown in Figure 1.

POWER HANDLING

There are many different approaches to power handling ratings. The most common being EIA standard RS-426A. The derived shape of this test spectrum was an attempt to simulate the spectral content of contemporary music. Although it does resemble contemporary music, EIA-RS-426A does not contain the same levels of very low frequency material found in live music situations. Very high levels of low frequency material produce distortion and, ultimately, device failure. The presence of this low frequency material will therefore yield lower device ratings than produced by EIA Standard RS-426A. Although the Peavey ratings are lower than those produced by the EIA test spectrum, they are far more reliable and will have a direct correlation to real world situations.

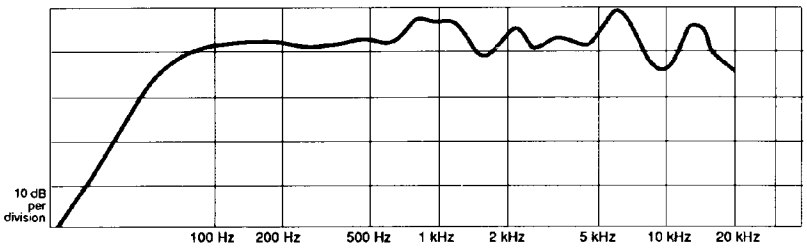


Figure 1. FREQUENCY RESPONSE

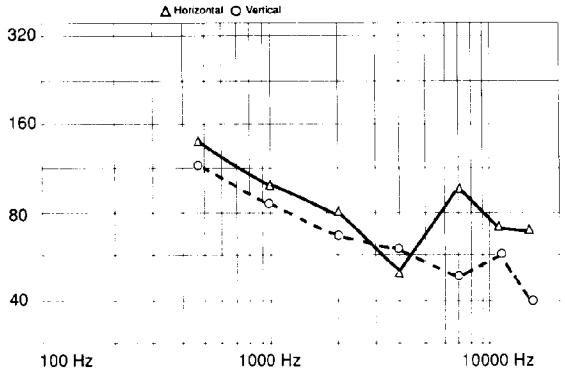


Figure 2. BEAMWIDTH VS. FREQUENCY

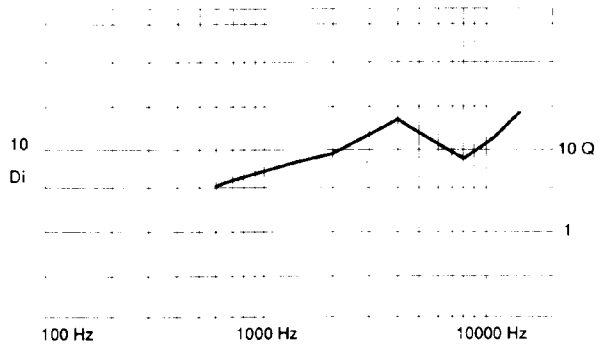
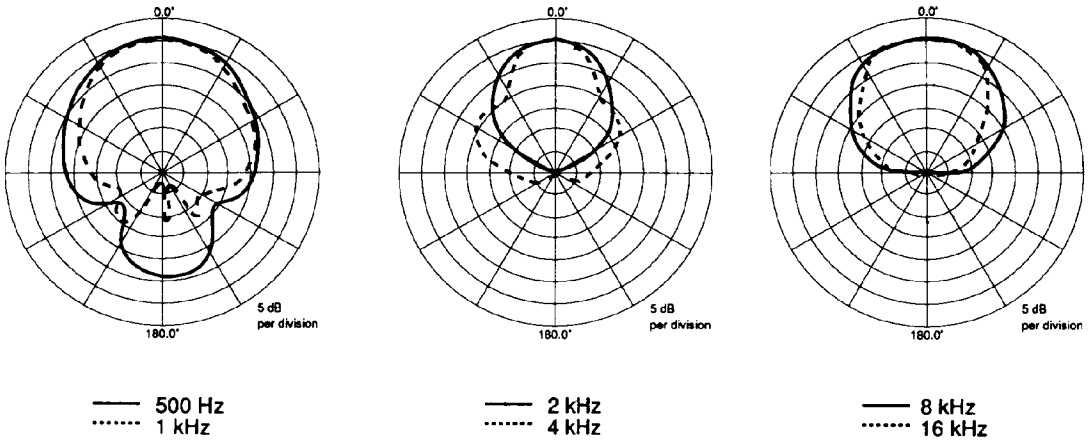


Figure 3. DIRECTIVITY

HORIZONTAL



VERTICAL

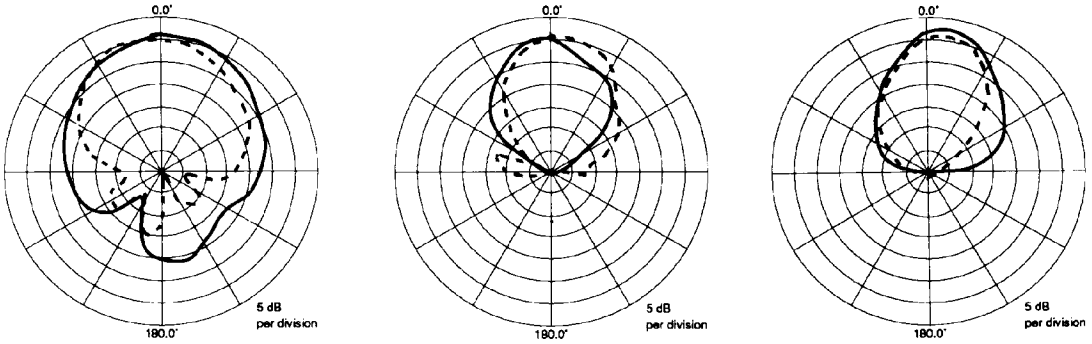
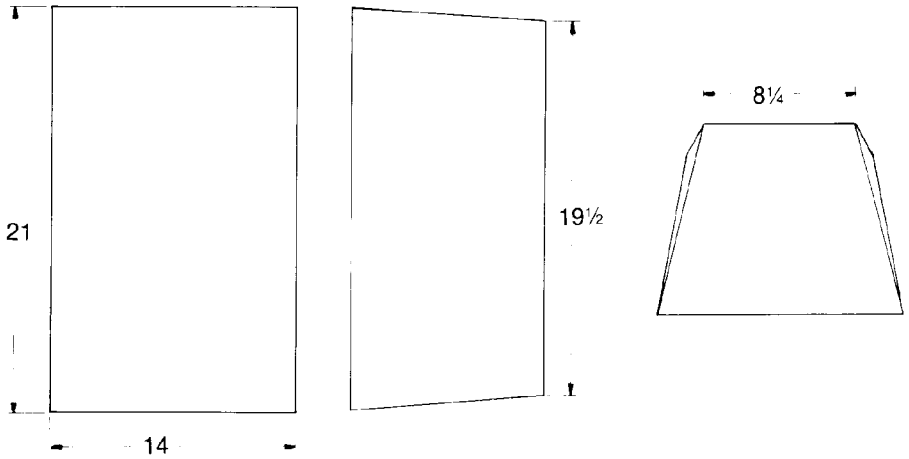


Figure 4 POLAR PATTERNS



Dimensional Drawing

MOUNTING

The PR 1000T is supplied with four threaded inserts symmetrically placed on the gravity center of the enclosure which will allow both vertical and horizontal flying without overstressing the cabinet. The cabinet is reinforced with 12 gauge steel brackets. The grille frame is permanently attached to the baffle to alleviate any possibility of separation of the grille from the baffle. It is also equipped with a stand adaptor.

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The loudspeaker system shall have an operating bandwidth of 65 Hz to 20 kHz. The output level shall be 90 dB when measured at a distance of one meter with an input of one Watt. The nominal radiation geometry shall be 90 degrees in the horizontal plane and 60 in the vertical plane. The outside dimensions shall be 14 inches wide by 21 inches high by 11 inches deep. The weight shall be 24 lbs. The loudspeaker system shall be a Peavey Architectural Acoustics Division Model PR 1000T.

CAUTION: Before attempting to suspend this speaker, consult a certified structural engineer. Speaker can fall from improper suspension, resulting in serious injury and property damage. All associated rigging is the responsibility of others. This speaker system can permanently damage hearing! Use extreme care setting maximum loudness! "Do not attempt to hang or mount any other product or device on this enclosure."

LIMITED WARRANTY

Peavey Electronics Corporation warrants to the original purchaser of this new Architectural Acoustics™ product that it is free from defect in material and workmanship. If within one (1) year from date of purchase a properly installed product proves to be defective and Peavey is notified. Peavey will repair or replace it at no charge. (Note: Batteries and patch cords not covered.) "Original purchaser" means the customer for whom the product is originallly installed.

Damage resulting from improper installation, interconnection of a unit or system of another manufacturer, accident or unreasonable use, neglect or any other cause not arising from defects in material and workmanship is not coveraged by this warranty. The warranty is valid only as to products purchased and installed in the United States.

THIS LIMITED WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. UNDER NO CIRCUMSTANCES WILL PEAVEY BE LIABLE FOR ANY LOST PROFITS, LOST SAVINGS, INCIDENTAL DAMAGES OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY ON THIS PRODUCT, AND NO OTHER STATEMENT, REPRESENTATION, WARRANTY OR AGREEEMENT BY ANY PERSON SHALL BE VALID OR BINDING UPON PEAVEY. Peavey's liability to the original purchaser for damages for any cause whatsoever and regardless of the form of action, is limited to the actual damages up to the greater of Five Hundred Dollars ($500) or an amount equal to the purchase price of the product that caused the damage or that is the subject of or is directly related to the cause of action. This limitation of liability will not apply to claims for personal injury or damage to real property or tangible personal property allegedly caused by Peavey's negligence. For information on service under this warranty, call a Peavey customer service representative at (601) 483-5376.

PEAVEY®
ARCHITECTURAL ACOUSTICS®

Features and specifications subject to change without notice.

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