D.A.S. SOUND PRODUCTS

Factor 9T

Features

- 2-way vented loudspeaker system
- 8" speaker
- 1" horn loaded ferrofluid cooled tweeter
- Constant directivity
- Built-in line transformer
- High efficiency
- Highly resistant polypropylene enclosure
- Punched steel grilles
- Horizontal or vertical use

INTRODUCTION
The D.A.S. FACTOR 9T is a versatile high efficiency 2-way vented loudspeaker system with a built-in multi-tap transformer for use in distributed applications.

APPLICATIONS
The FACTOR 9T may be used whenever a large number of quality speakers is called for, such as restaurants or hotels, for which 50, 70 or 100 volt lines are used.

DESCRIPTION
The low end utilizes a 8" low frequency speaker with 1.5" voice coil. The top end makes use of a horn loaded 1" tweeter.

Full use of high pressure injection moulding techniques has achieved a mineral loaded polypropylene cabinet of a very high density. Internal design provides extensive wall reinforcing for minimum vibration. A moulded-in handle facilitates carrying.

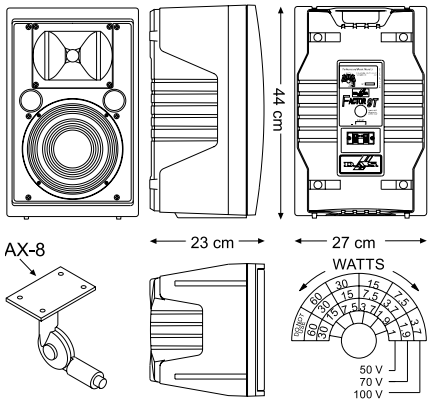
For added resistance, rugged steel grilles protect the components.

MOUNTING
A wall and ceiling mounting bracket that allows swivel and vertical or horizontal angling is optional.

SPECIFICATIONS

Transformer RMS Power Handling:	60 W
RMS (Average) Power Handling[R]:	150 W
Program Power Handling[P]:	300 W
Peak Power Handling[K]:	>600 W
Frequency Response[F]:	60 Hz - 20 kHz
Total System Impedance[I]:	82/163/335/670/1340/2680 Ω
Loudspeaker Nominal Impedance[I]:	8 Ω
On-axis Sensitivity 1W / 1 m[S]:	93 dB SPL
Nominal -6 dB Beamwidths[B]:	95° Horizontal
(average, 500 Hz to 8 kHz)	90° Vertical
Speech Coverage Angles[C]:	110° Horizontal x 104° Vertical
Enclosure Material:	Mineral loaded polypropylene
Color:	Black or white
Transducers/Replacement Parts:	Bass: B-8/B-8
	HF: TWT-SR-10/TWT-SR-10
Connector:	Spring loaded push terminals
Dimensions (H x W x D):	44 x 27 x 23 cm (17.5 x 10.5 x 9 in)
Weight:	7.8 kg (17 lbs)
Shipping Weight:	9 kg (20 lbs)
Accessories (optional):	AX-8 adjustable wall/ceiling mount

[R] Based on a 2 hour test using a 6 dB crest factor signal bandlimited according to IEC 268-1 (1985). All power ratings are referred to the nominal impedance.
[P] Conventionally 3 dB higher than the RMS measure, although this already utilizes a program signal.
[K] Corresponds to the signal crests for the test described in [R].
[F] As per IEC 268-5 (1989), re. a one octave band centered at 3 kHz. Half space anechoic.
[I] In practice cable and connector impedance has to be added to all impedance values.
[S] For the 3 kHz one octave band.
[B] Average of one-third octave band measures.
[C] There is currently no standard method of averaging the beamwidth with frequency characteristics into a single meaningful figure, which impedes comparisons across manufacturers and very often even product lines. This, our own, criterium weighs the -6 dB coverage angles from one-octave bands according to their contribution to speech intelligibility. One and one-third octave bands comply to ANSI S1.11-1986.



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