

TA1202-I TIME-ALIGN®

APPLICATIONS

Audio-Visual Installations House of Worship Installations
Auditorium Sound Reinforcement Restaurant Foreground Music Systems
Nightclub Installations

DESCRIPTION

The TA1202-I produces high definition, high impact sound over its controlled coverage angle allowing precise effective audience coverage in a variety of venues. This point source loudspeaker, engineered for seamless short and mid throw performance is well known for exceptional fidelity and its surprisingly high output capability. It excels in speech projection and live performance PA systems as well as high level music playback systems. Universal fly points and optional yoke allow the PTA1202-I to be easily installed and aimed in a multitude of applications. The high frequency 80 degree by 60 degree rotatable coverage pattern offers optimal coverage options for horizontal or vertical mounting.

The TA1202-I includes an internal passive Time-Align crossover and optimal venting provides a surprisingly powerful bass output. With its hi fidelity, convenient size and hi output its perfect for many stand alone applications. Adding Bag End subwoofers will expand its capabilities to include larger venues.

Constructed from 18mm Baltic Birch plywood the TA1202-I features a durable and attractive black Ro Tex finish and durable steel grille and multiple fly points.



SPECIFICATIONS

System Type:

2-way vented 1.1 ft³

Enclosure:

18 mm 13-ply birch plywood

Finish:

Black Ro Tex™ true water born environmental finish

Grille:

16 Gauge black powder coated perforated steel

Low Frequency Components:

SE-1280 12" Transducer, 2.5" Voice coil, 80 oz Magnet

High Frequency Components:

E-700 1" Exit compression driver, 1.8" Titanium diaphragm, 15 oz Magnet, Radial waveguide

Input Connector:

Cinch 142 screw terminal barrier strip

Internal Amplification:

Optional self powered

Hardware:

Fly points
Optional steel yoke U-bracket

Fly Points Safe Working Load:

200 lbs Upper most rigging points

Crossover Type:

Passive Time-Align® equalizer type at 2.5 kHz

Time Offset Between Driver:

< ± 25 Microseconds

Sensitivity:

101 dB SPL (2.83 V @ 1 m)

Frequency Response:

75 Hz to 20 kHz ±3 dB

Low Frequency Limit:

65 Hz

Maximum Calculated Continuous Acoustic Output

127 dB SPL @ 1 m

Power Handling:

300 W continuous (IEC)
600 W program

Recommended Amplifier Power:

300 to 600 W at rated impedance

Rated Impedance:

8 ohms

Coverage Pattern:

80 degrees horizontal (-6 dB)
60 degrees vertical (-6 dB)
Rotatable horn

Recommended High Pass Filter:

60 Hz

Polarity:

A positive asymmetrical signal applied to the + terminal will result in a positive asymmetrical acoustical pressure

Dimensions:

21" h x 14" w x 11.5" d
54 cm x 36 cm x 30 cm

Weight:

42 lbs
19 kg

Custom Finishes:

Optional custom finishes include white, unfinished ready to paint and outdoor weather treatment.

70/100/140 Volt Operation:

Optional 100 or 200 W taped internal transformer

TIME-ALIGN®, TIME-ALIGNED™ and TIME-ALIGNMENT™ are trademarks of E.M. Long Associates.
BAG END® is a registered trademark of Bag End, Inc.