BAG END

M-6 *TIME-ALIGN®*

S P E C I F I C A T I O N S

SYSTEM COMPONENTS

Enclosure:
3/4" MDF

Transducers:
6" Low frequency cone
1" Coaxially mounted
Neodymium tweeter

Input Connectors:
5-way binding posts

Grille:
Black nylon cloth over wood frame

Optional Hardware:
Wall mount bracket

ACOUSTIC AND ELECTRICAL

System Type:
2-way coaxial, sealed 0.4 ft^3

Impedance:
8 Ω

Crossover Network:
Passive Time-Align® equalizer filter @ 3.5 kHz

Time Offset Between Drivers:
< ± 25 Microseconds
300Hz to 10kHz

Frequency Response:
60 Hz to 20 kHz ±3 dB
(4π Steradians)

Sensitivity:
87 dB SPL (1W @ 1m)

Distortion:
Less than 3% THD or IMD
(94 dB SPL @ 1m)

Polarity:
A positive asymmetrical signal applied to the red input terminal will result in a positive asymmetrical acoustical output.

Power Handling:
90 W continuous sine wave
360 W instantaneous peak

PHYSICAL

Finish:
Black textured paint

Dimensions:
14"h x 9"w x 9"d
36 cm x 23 cm x 23 cm

Weight:
15 lbs.
7 kg

Shipping Dimensions:
24" x 16" x 14"
61 cm x 41 cm x 36 cm

Shipping Weight:
20 lbs.
9 kg

APPLICATIONS:

Recording Studio Monitor

Film & Video Post Production

Laboratory Reference Monitor

Mastering Facility

Broadcast Monitor

M-6 The M-6 is a 6-inch, 2-way coaxial, Time-Aligned™ loudspeaker system designed for critical nearfield studio monitoring applications. Designed as a Nearfield Monitor™ the M-6 offers accurate time and frequency information within the near field listening area. Despite its small size it has high acoustic output and unsurpassed clarity and resolution of detail. Attachment points are provided for Bag End mounting bracket (BRKT-1) and other popular mounting hardware.

About Time-Align® Time-Align® assures that the fundamental and overtones of a complex, transient, acoustical signal are presented to the listener in the same relationship as the electrical signal at the input terminals of the loudspeaker.

The conventional loudspeaker spreads out the sound in time: when a rapid series of transients occur the results are blurring and lost detail. With Time-Align®, a transient is presented as a tight package of energy, with the same time relationships as the natural sound. This means that a rapid series of transients will be heard clearly.

True Time-Alignment™ requires much more than just physically lining up the loudspeaker components. It requires consideration of the driver placement, driver delay and adjustment of the crossover delay parameters. This achieves the precise simultaneous acoustical arrival time of each driver throughout the crossover region.

Along with state-of-the-art laboratory instruments, the proprietary Time-Align® generator, built by Ron Wickersham, is used in designing our loudspeaker systems. The Time-Align® generator is founded upon different underlying mathematical principles than are used in the more common Fourier based measurement equipment.

When comparing a genuine BAG END Time-Aligned™ speaker system to any other, our additional design work is easy to hear and appreciate. The dramatic clarity, realism, and overall pleasant sound of our Time-Aligned™ loudspeakers is noted throughout the world.

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