



SYSTEM COMPONENTS

Enclosure:
3/4" MDF

Transducers:
8" Low frequency cone
1.75" Aluminum compression
high frequency

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, vented 0.54 ft³

Impedance:
8 Ω

Crossover Network:
Passive Time-Align® equalizer
type @ 2.9 kHz

Time Offset Between Drivers:
< ± 25 Microseconds

Frequency Response:
95 Hz to 20 kHz ±3 dB
(4π Steradians)
(Intended for use with
an INFRA subwoofer system)

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

Distortion:
Less than 1% THD (95 Hz to
20 kHz 94 dB SPL @ 1m)

Polarity:
With the switch set to +, a
positive asymmetrical signal
applied to the red input termi-
nal will result in a positive
asymmetrical acoustical output.

Power Handling:
150 W continuous sine wave
600 W instantaneous peak

PHYSICAL

Finish:
Black paint

Dimensions:
16.5"h x 12.5"w x 8.5"d
42 cm x 32 cm x 22 cm

Weight:
28 lbs.
13 kg

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

Shipping Weight:
34 lbs.
16 kg

APPLICATIONS:

Project Studio

Recording Studio Monitor

Film & Video Post Production

Laboratory Reference Monitor

Mastering Facility

MM-8 The MM-8 is an 8-inch, 2-way coaxial, Time-Aligned™ loudspeaker system designed for critical nearfield studio monitoring applications. While the MM-8 is designed as a Nearfield Monitor™, the system has considerably more output capability than required for NFM™ applications and serves dual roles as a distant listening monitor as well. When used with a Bag End INFRA™ subwoofer, the system achieves a flat frequency response wider than the audible spectrum. It has been designed to maintain its low distortion sound at very high sound pressure levels. 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.

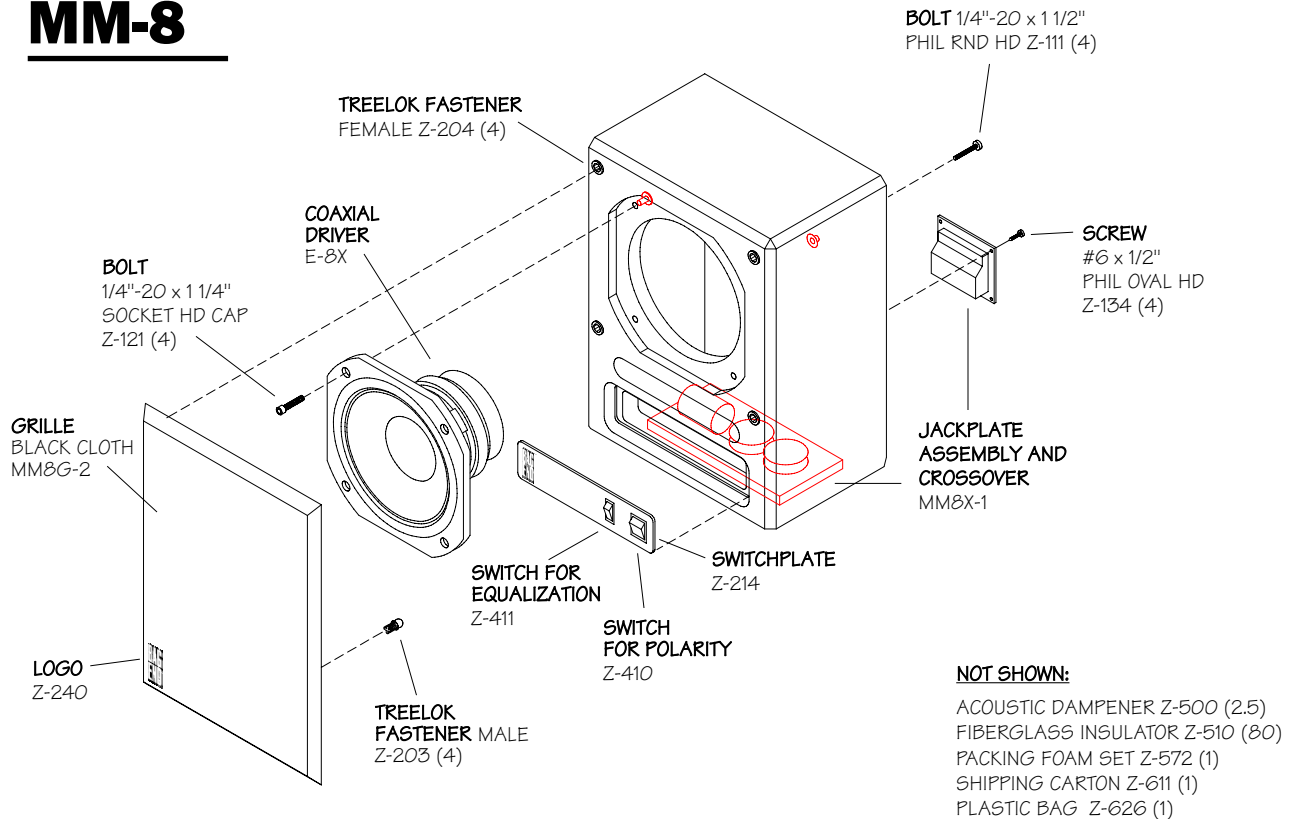
When comparing a genuine BAG END Time-Aligned™ speaker system to any other, our additional design work is easy to hear and appreciate. The dramatic clarity, realism, and overall pleasant sound of our Time-Aligned™ loudspeakers is noted throughout the world.

BAG END Loudspeakers
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Barrington, Illinois
60010 USA
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www.bagend.com

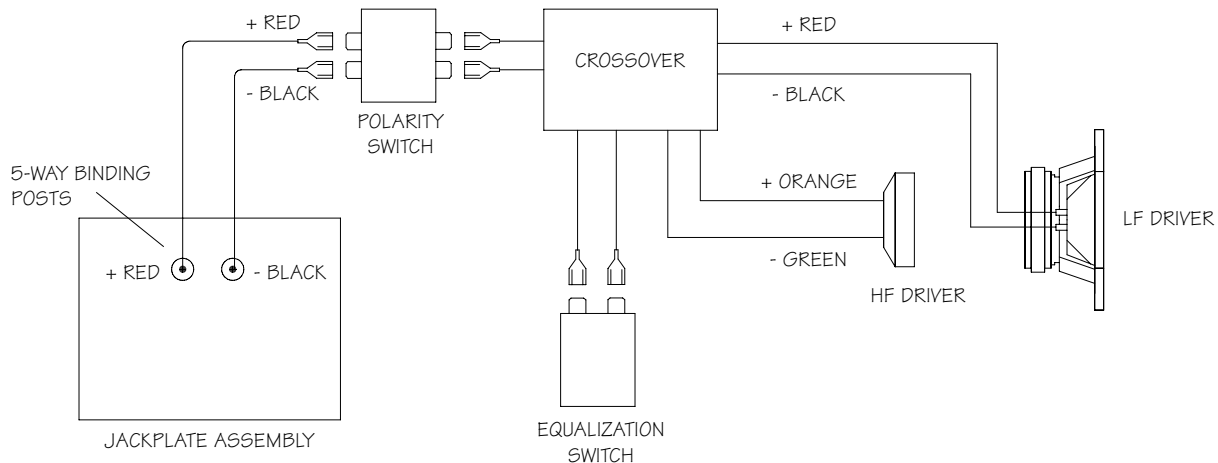




MM-8



SYSTEM SCHEMATIC



The absolute acoustical polarity switch: The polarity switch allows the absolute polarity of program material to be checked easily. This is very important when new material must be added to existing material of unknown polarity.

EQ switch settings:

Distant/Final is the brightest setting. This setting is to be used when listening to final recorded material from a distance. This setting compensates for the high frequency loss in both the distant listening environment and the loss realized in the recording chain process.

NFM™/Original is the least bright setting. This setting is used when listening to the direct live original material in the NFM™ (Nearfield Monitor™) position. This setting is the least bright because there is

less attenuation of the high frequencies in the nearfield and the original material is brightest prior to the recording chain process.

NFM™/Final and Distant/Original is the medium bright setting. It is used in both of these listening modes. The middle position is called for when listening in the NFM™ environment to the less bright final material and when monitoring the brighter original program material while listening in the distant environment.

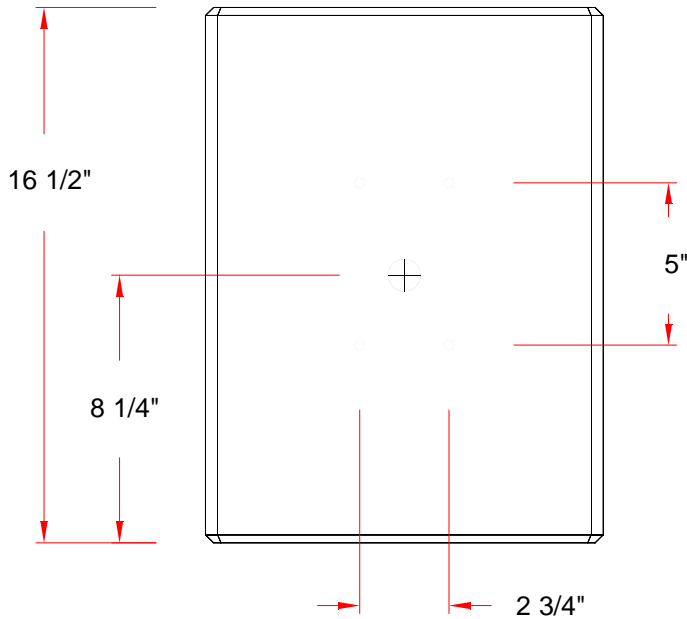
Understanding and utilizing the EQ switch as intended will help create a uniform monitoring environment at different listening distances and at different points in the recording process.

BAG END

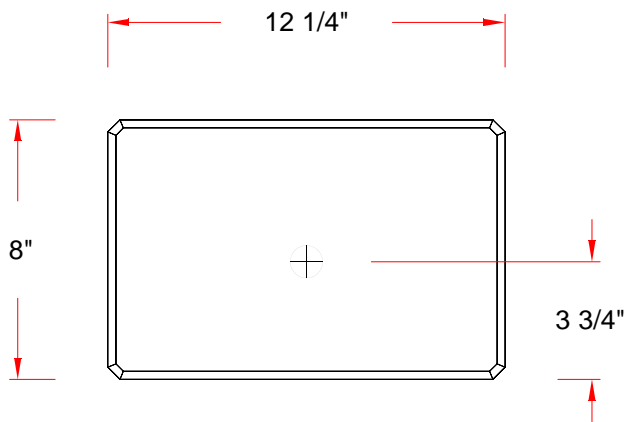
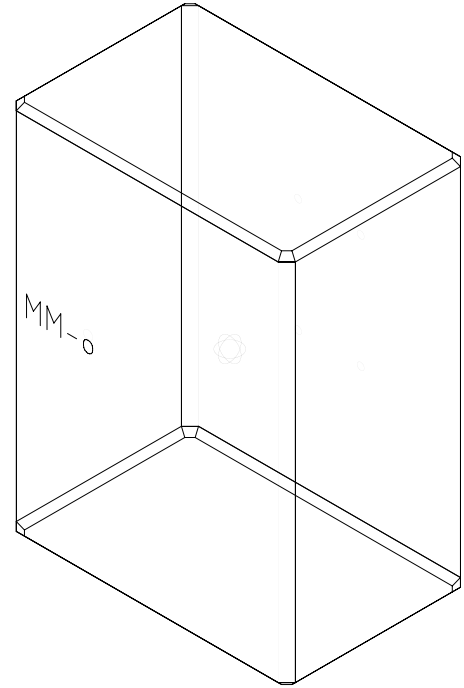
MM-8 TIME-ALIGN®

Mounting bolt pattern

⊕ = Center of Gravity



Front View



Top View

Warning:

Mounting and rigging loudspeakers requires experienced professionals. Improperly installed loudspeakers can result in property damage, personal injury, death and/or liability to the installing contractor.

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