

DM-10 MARS

APPLICATIONS

Restaurant Foreground Music Systems Compact Voice Reinforcement
Nightclub Installations

DESCRIPTION

The DM-10 is a 2-Way full range, short throw high output loudspeaker system offering high fidelity, high efficiency and high power handling capacity. The DM-10 is designed for applications where high sound pressure levels along with wide even dispersion is required.

The DM-10 includes a robust high power internal passive crossover for easy convenient full range connection to the amplifier. External Bag End® Karios KS26 DSP processor may be optionally employed to increase the system dynamics and fidelity. Constructed from 18mm Baltic birch plywood the DM-10 features a durable and attractive black Ro Tex™ finish, durable steel grille, Integral handles and integral rigging attachment points.



SPECIFICATIONS

System Type:

2-way vented 1 ft³

Enclosure:

18 mm 13-ply birch plywood

Finish:

Black Ro Tex™ True water born environmental finish

Grille:

16 Gauge black power coated perforated steel

Low Frequency Components:

Low/Mid Frequency Transducer, 10" Cone, 3" Voice coil, 80oz Magnet

High Frequency Components:

Transducer, 1" Exit compression driver, Wide Directivity Waveguide

Input Connector:

Dual Neutrik® speakON

Fly Points Safe Working Load:

200 lbs Upper most rigging points

Crossover Type:

Passive

Sensitivity:

97 dB SPL (2.83 V @ 1m)

Frequency Response:

80 Hz to 18 kHz ±3 dB

Low Frequency Limit:

52 Hz (-10dB)

Power Handling:

500 W continuous (IEC 60268)

Recommended Amplifier Power:

375 to 750 W at rated impedance

Rated Impedance:

8 Ohms

Coverage Pattern:

100 degrees Horizontal (-6 dB)

90 degrees Vertical (-6 dB)

Rotatable horn

Recommended High Pass Filter:

60 Hz Butterworth 18 dB/octave

Polarity:

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

Dimensions:

22.5" h x 12" w x 15.75" d

57 cm x 30 cm x 40 cm

Weight:

45 lbs

21 kg

Custom Finishes:

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

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DM-10 MARS

ABOUT OUR RO TEX™ FINISH

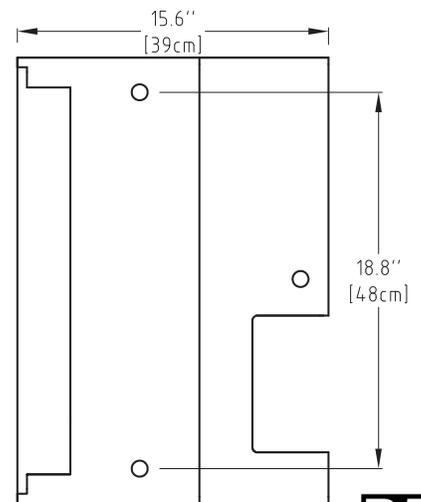
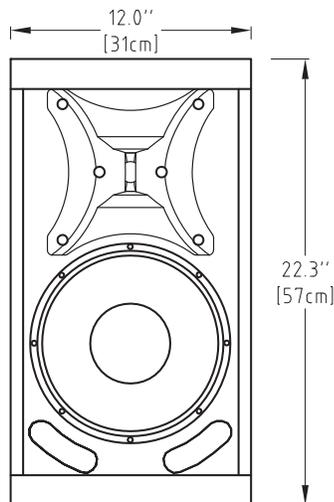
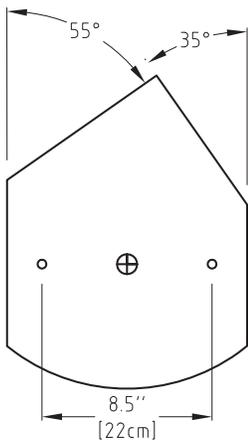
The durable Ro Tex™ finish is double layered on Bag End™ "R" series or Road cabinets. And single layered on installation or "I" cabinets. Ro Tex™ is a water born environmentally safe finish. It's uniquely strong and long lasting. As it solidifies it attaches and bonds to the wooden cabinet to make a super hard and durable permanent finish. Its light texture offers an attractive and rugged finished look



ABOUT BAG END® LOUDSPEAKERS

Bag End loudspeakers began in 1976 in a small shop by people dedicated to the pursuit of making high quality loudspeaker systems. Over the decades Bag End® has employed the very best construction techniques and innovative acoustical designs into their products. The ground breaking introductions of the Time-Align® and ELF™ Technologies into sound reinforcement and studio monitor loudspeakers in the 1980's was followed by Minima One™ self-powered systems and the highly unique E-Trap™, electronic bass trap. Over the decades, Bag End® has been a leader in providing uniquely good sounding products and extraordinary service to our customers world wide.

DIMENSIONS



⊕ = Center of Gravity ○ = M10 Threaded Rigging Point