



## >> 8M Speaker System



### Features:

- Hi Quality Optimized Crossover
- Acoustic Waveguide Technology
- Compact & Multi-Angled
- Computer Punched Steel Grill
- Integral Pole Mount
- Durable Catalyzed Multi-layered Finish

### Applications:

- Corporate / Industrial Theater
- House of Worship
- Theatrical Musical Events
- Restaurants & Coffee Houses
- Choir Monitoring
- Under Balcony / Over Balcony Fill

### Description:

The 8M is a two-way, high efficiency, passive loudspeaker. It is designed as a compact high performance system for the reproduction of speech and music program material. The 8M has a one-inch exit compression driver coupled to a 75 X 75 degree wooden waveguide horn reproducing smooth high frequencies, and an 8" cone transducer in a tuned enclosure for the extended low frequencies. The high quality passive network operates very efficiently, also providing EQ points for a flat frequency response. The sturdy multi-cross laminated plywood enclosure, with a catalyzed polyurethane finish, is designed to withstand the most demanding portable applications. A perforated, powder coated steel grill with a high transmission ratio offers excellent protective properties. The 8M is a portable configuration featuring a recessed handle and stand mount. The 8M comes in a black finish. The 8M excels in a myriad of diverse applications requiring a compact multi-angle enclosure, and offers extraordinary performance and value.

### Acoustic and Electrical

#### Nominal Impedance

LF: 8 ohms  
HF: 8 ohms

#### Components

LF: 8" (304.8mm) x1  
HF: 1" Exit (25.4mm) x1  
Wooden Waveguide (x1)  
Passive Network (x1)

#### Pressure Sensitivity

2.83V: 93.5dB (1w/1m)

#### Frequency Range (-10dB)

48Hz – 19kHz

#### Frequency Response (-3dB)

68Hz – 16kHz

#### Maximum Continuous SPL

Bi-Amplified: 113dB @1M  
Passive: 111dB @1M

#### Coverage Angles

Horizontal: 75 degrees (-6dB)  
Vertical: 75 degrees (-6dB)

#### Power Capacity

Noise (IEC 268-5): 100W  
Maximum: 400W



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## Physical

### Enclosure

Baltic Birch (13 ply)  
.75" (18mm) thickness

### Hardware

Stand Mount: (x1)

### Grill

Powder Coated Perforated Steel

### Connectors

Neutrik Speakon female (x2)

### Rigging

Inserts for Mounting Omni-Mount

### Dimensions

Height: 18.25" (463.2mm)  
Width: 12.375" (314.3mm)  
Depth: 11.50" (292.1mm)

### Weight

Net: 34lbs. (15.4kg)  
Shipping: 39lbs. (17.7kg)

