



# R2D-III-M Mobile Full Range



## APPLICATIONS

Live Sound Reinforcement  
Theaters  
Houses of Worship  
Dance Clubs  
Cruise Ships  
Entertainment Venues

## FEATURES

Vertical Pole Mount Package  
with CS18-M Subwoofer  
High Output  
LF Device: 12in. (304.8mm)  
HF Device: 2in. (50.8mm)  
Rotatable 90° H x 40° V HF  
Durable Polyurea Coating  
EP-4 Connectors &  
4-Position Terminal Strip

## GENERAL DESCRIPTION

R2D-III-M is a full range, high output loudspeaker ideal for speech and music reproduction. The R2D-III-M is one of Clair Brothers most versatile full range speakers.

Exceptional intelligibility, high output performance and durability make the R2D-III-M an excellent choice for virtually any indoor or outdoor application.

The R2D-III-M has been engineered for optimal individual performance or as part of a multiple cabinet system with added flexibility to mount vertically or horizontally, or on pole mount with CS18-M subwoofer base.

The cabinet features a custom 12" transducer and one 2" high frequency driver coupled to a 90° H x 40° V (or 60° H x 40° V) rotatable constant directivity horn that delivers naturally smooth uniform coverage in both near-field and medium throw applications.

For a cabinet of its size the R2D-III-M offers

extremely efficient low-end response to 46Hz.

As with all Clair Brothers products, the R2D-III-M is constructed of the finest Baltic birch and finished with a rugged polyurea coating to withstand the most demanding conditions.

The speaker grille is constructed of high grade 14 gauge perforated steel with a powder coated finish with shock resistant polyurethane edges.

## OPTIONS & ACCESSORIES

**Traveller / Traveller Plus** Pole Mount Packages

**R2D-III-P-M** – Passive Crossover Model

**R2D-III** – Installation Model

**R2D-III-WR** – Weather Resistant Model

60° H x 40° V Rotatable Horn

**R2D-MB-H/-V** – Mounting Yokes / Brackets:

Vertical or Horizontal Orientation

Road Case for Transport (2x) R2D-III-M

# R2D-III-M Mobile Full Range

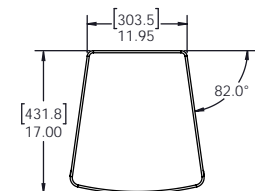
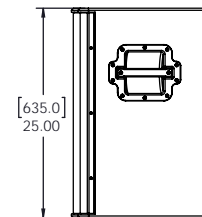
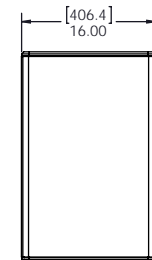
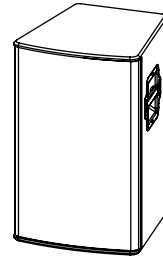


## AUDIO SPECIFICATIONS

Loudspeaker Type	Mobile	Two-Way Active
Frequency Response (+/- 2dB)		46Hz-18kHz
Recommended Power Amplifier		1000-1200W @ 8 Ohms
Sensitivity (1 Watt @ 1 Meter)	LF	101 dB SPL
	HF	106 dB SPL
Maximum Output	Cont.	128 dB SPL
	Peak	131 dB SPL
Drivers	LF	(1) 12 in. (304.8mm)
	HF	(1) 2 in. (50.8mm)
Nominal Impedance	LF	8 Ohms
	HF	16 Ohms
Power Handling	LF	500W Cont.
	HF	150W Cont.
Dispersion	Nominal -6dB	90° H x 40° V (Rotatable)
	Optional	60° H x 40° V (Rotatable)
Input Connections	Standard	(2) EP-4 Connectors (1 Male, 1 Female) & (1) Four-Position Terminal Strip

## MECHANICAL SPECIFICATIONS

Enclosure	Shell Finish	18mm, 13-Ply Baltic Birch Durable Polyurea Coating
Grille		Perforated Steel, Foam Backed
Dimensions	Height	25.00 in. (635.0mm)
	Front Width	16.00 in. (406.4mm)
	Rear Width	11.95 in. (303.5mm)
	Depth	17.00 in. (431.8mm)
Weight	Active	66 lbs. (29.9kg)
	Passive	73 lbs. (33.1kg)
Shipping Weight	Active	75 lbs. (34.0kg)
	Passive	82 lbs. (37.2kg)



Note: All wattage figures are calculated using the rated nominal impedance.  
Clair Brothers products are designed to perform optimally by utilizing factory recommended proprietary DSP settings.

### R2D-III-M Active Pin Configuration

EP-4 PIN	USE
1	Low (-)
2	Low (+)
3	High (-)
4	High (+)
Terminal Strip	USE
Black	Low (-)
Red	Low (+)
Black	High (-)
White	High (+)

### R2D-III-P-M Passive Pin Configuration

EP-4 PIN	USE
1 & 3	(-)
2 & 4	(+)
Terminal Strip	USE
Black	Low (-)
Black	High (-)
White	High (+)
Red	Low (+)

## ARCHITECT AND ENGINEER SPECIFICATIONS

The loudspeaker shall be a two-way active (or optionally passive) system featuring a total of two drivers. The low frequency section shall contain one 12" driver capable of handling 500 watts of pink noise with a 6 dB crest factor for 8 hours (as per EIA RS-426-A standard). The high frequency section shall contain a single 2" exit compression driver with a 3" diaphragm and shall be attached to a 90° H x 40° V constant-directivity horn. The driver shall be capable of handling 150 watts (1 kHz –10 kHz) of pink noise with a 6 dB crest factor for 2 hours (as per AES-1984 and ANSI S4.26-1984 standards). The enclosure shall be constructed of 18mm, 13-ply Baltic birch and shall be finished with a durable polyurea coating. Dimensions shall be 25.00" high, 16.00" front width tapering 8° to 11.95" rear width, and 17.00" deep. The active system weight shall be 66 lbs (29.9kg). The loudspeaker shall be the Clair Brothers R2D-III-M.

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Due to constant research, development and improvements all specifications are subject to change without notice.