



Pro-1.0frME - 40" (100cm)

Pro-1.3frME - 50" (130cm)

## full range Planar Magnetic Loudspeaker

### Description

Two of the more popular **RADIA PROFESSIONAL SPEAKERS Pro-Line Series** loudspeakers are now available in a full range **fr** option. The Pro-1.3frME and Pro-1.0frME systems include a metal rear enclosure for in-wall or in-plenum flush mounting.

The Pro-1.3fr systems are complimented with four (4) 5¼" mid-woofers and the Pro-1.0fr system is complimented with two (2) 5¼" mid-woofers extended the systems useful low frequency down to 60Hz.

This combination of sonically superior planar transducers and mid-woofers will comfortably handle the most demanding source material with depth, transparency and remarkable detail.

The exclusive wideband planar technology produces a cylindrical soundfield, eliminating any high frequency floor and ceiling reflections and at just 7" wide and under 4" deep, the **fr** systems can be inconspicuously installed almost anywhere.

### Applications

- Multimedia
- Cruise Ships
- Auditoriums
- Museums
- Courts of Law
- Cinemas
- Performing Arts Centers
- Houses of Worship
- Hotel Meeting Rooms
- Conference Centers
- Sports Facilities
- Theme Parks
- Mass Transportation
- .....and many more

NOTE: The **fr** system is designed for flush (in-wall) mounting and uses the wall cavity to optimize woofer performance. The **fr** system can also be used for surface mounting provided the woofer section is enclosed.

(Pictured is Pro-1.0frME)



Characteristics	Pro-1.0frME	Pro-1.3frME
Frequency Response	60 Hz – 20 kHz	
Transducer Type – Line Source	Push-pull Planar Magnetic	
Transducer Type – Low Frequency	2 – 5.25" woofers	4 – 5.25" woofers
Crossover Frequency	500 Hz – Passive	
Dispersion Characteristics – Vertical	Coverage area corresponds to the driver length projected into the listing area along the direction of its acoustic axis	
Nominal Impedance	4 Ohms	
Dispersion Characteristics – Horizontal (- 6dB)	150 Hz – 6 kHz > 120° 6 kHz – 12 kHz > 80° 12 kHz – 16 kHz > 60°	
Sensitivity	90 dB / 1w / 1m	
Maximum SPL	109 dB	110 dB
Power Handling - AES	100 W Continuous 400 W Peak	130 W Continuous 500 W Peak
Overall Dimensions	52.84" (134.21 cm) x 7" (17.78 cm)	77.242" (196.19 cm) x 7" (17.78 cm)
Installed Weight	40 lbs (18.14 Kg)	50 lbs (22.68 Kg)

**NOTE: Radia Pro is engaged in continuous Research & Development efforts and is constantly improving its products. Therefore, these specifications are subject to change without notice.**

#### ARCHITECTS' AND ENGINEER'S SPECIFICATIONS

The Pro-Line "fr" loudspeakers shall have an operating bandwidth of 60 Hz to 20 kHz. The nominal output level shall be 90 dB when measured at a distance of one meter with an input of 2.83 Volts rms. The nominal impedance shall be xx ohms. The maximum continuous power handling shall be 100 W for the Pro-1.0frME and 130 W for the Pro-1.3frME. The loudspeaker assembly shall deliver a maximum, full range SPL level of 109 dB for the Pro-1.0frME and 110 dB for the Pro-1.3frME. Dispersion characteristics in the vertical shall correspond to the driver length projected into listing area along the direction of its acoustic axis. The Pro-Line loudspeakers shall exhibit true line source behavior and shall be linearly inversely proportional to the doubling of the distance (-3 dB loss).

#### **5 YEAR LIMITED WARRANTY**

NOTE: For details, refer to the warranty statement  
Included in the Radia Pro price schedule.

Features and specifications subject to change without notice

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