

Fostex®

45.00.00



PM0.5

PM-1

PM-2

**PM** SERIES



**IDEAL FOR PROJECT STUDIOS**

The exceptional sonic quality and great price / performance ratio make the PM-Series the ideal choice for the project studio environment.

**SERIOUS MONITORS FOR EXCEPTIONAL STUDIO PERFORMANCE**

To understand how truly important accurate and clear sound is, you only have to go as far as the new Fostex PM-Series Powered Monitors. With precisely calibrated bi-amped power, innovative driver construction and Fostex's usual attention to detail, these speakers deliver a full-on bass response that's meaty and dynamic, and a high end that sparkles with life and vitality. All models are shielded. Breaking a new price / performance barrier, the Fostex PM-Series offer such exceptional sound and such superb value, you'll wonder how you can pay so little for so much.

**PM0.5**

- HF unit**  
20mm Soft Dome

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- LF Unit**  
130mm Aromatic Polyamide

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- Frequency Response**  
Free field ± 2dB  
50Hz - 20kHz

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- Low Frequency Cut-Off**  
40Hz (-10dB)

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- High Frequency Cut-Off**  
22kHz (-10dB)

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- Amp Power**  
Low Frequency: 35 watts  
High Frequency: 35 watts

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- Amp Distortion**  
<0.01% T.H.D. @ 25w  
8 Ohm 20Hz - 20kHz

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- Amp Signal to Noise**  
>84dB 20Hz - 30kHz  
not weighted

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- Amp Slew Rate**  
15V / μ sec

**PM-1**

- HF unit**  
25mm Soft Dome

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- LF Unit**  
160mm Aromatic Polyamide

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- Frequency Response**  
Free field ± 2dB  
50Hz - 20kHz

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- Low Frequency Cut-Off**  
38Hz (-10dB)

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- High Frequency Cut-Off**  
23.5kHz (-10dB)

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- Amp Power**  
Low Frequency: 75 watts  
High Frequency: 45 watts

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- Amp Distortion**  
<0.007% T.H.D. @ 30w  
8 Ohm 20Hz - 20kHz

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- Amp Signal to Noise**  
>93dB 20Hz - 30kHz  
not weighted

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- Amp Slew Rate**  
15V / μ sec



**PM0.5****PM-1****PM-2**

# PM SERIES



## PM0.5

The ideal choice for smaller studios requiring nearfield monitoring, the perfectly formed PM0.5 offers 70 watts of bi-amped power and produces great full range performance with exceptional neutrality even at high Sound pressure levels. The compact dimensions also enable accurate placement in confined or awkward spaces, with the dispersion from the two way ported enclosure design tailored such that it will deliver a superb sound almost regardless of room acoustics. Features a UFLC 20mm soft dome HF unit and 130mm LF woofer and input gain control.

## PM-1

Perfectly proportioned and offering the type of clear-transparent sound that singles out a great speaker, the PM-1 is capable of producing extremely high SPLs accurately across the full audio spectrum. With 120 watts of bi-amped power and a bass response that's full and dynamic and a crisp high-end that sparkles with vitality, the PM-1 delivers the type of sonic quality that's usually the domain of monitors costing thousands. Features a UFLC 25mm soft dome HF unit, 160mm LF woofer and input gain control.

## PM-2

Created for larger rooms, the PM-2 has the power and sophistication and, most importantly the versatility to handle the most demanding recording applications. Equipped with a 200mm low frequency unit and remaining natural and transparent right across the audio spectrum, even at high sound pressure levels, the PM-2 is great for today's bass heavy music. Features 240 watts of bi-amped power, UFLC 25mm soft dome HF unit, 200mm LF woofer, separate HF gain control, overall volume control and a 0dB / -3dB / +3dB switch for the LF unit.



### HF UNIT

The soft dome tweeters employ Fostex's UFLC technology (Poly Urethane Film Laminated Cloth) to achieve light weight and high stability performance.



### LF UNIT

Uses a mixture of cut and milled fibres made from aromatic polyamide impregnated with resins to simultaneously achieve high rigidity and optimum damping. An olefin film is thermally adhered to its surface to control frequency response and ensure reliability. Distortion is minimized by the use of an ultra-pure copper voice coil.

## PM-2

- HF unit**  
25mm Soft Dome
- LF Unit**  
200mm Aromatic Polyamide
- Frequency Response**  
Free field  $\pm$  2dB  
50Hz - 20kHz
- Low Frequency Cut-Off**  
40Hz (-10dB)
- High Frequency Cut-Off**  
22kHz (-10dB)
- Amp Power**  
Low Frequency: 120 watts  
High Frequency: 120 watts
- Amp Distortion**  
>0.05% T.H.D. @ 50w  
6 Ohm 20Hz - 20kHz
- Amp Signal to Noise**  
>90dB 20Hz - 30kHz  
not weighted
- Amp Slew Rate**  
10V /  $\mu$  sec

# PM SERIES

## PM0.5

### Physical Dimensions

181w x 280h x 260d (mm)

### Weight

6.5kg

### Power Requirement / Consumption

230VAC, 50/60Hz - 40 watts

## PM-1

### Physical Dimensions

215w x 380h x 283d (mm)

### Weight

11kg

### Power Requirement / Consumption

230VAC, 50/60Hz - 58 watts

## PM-2

### Physical Dimensions

254w x 411h x 300d (mm)

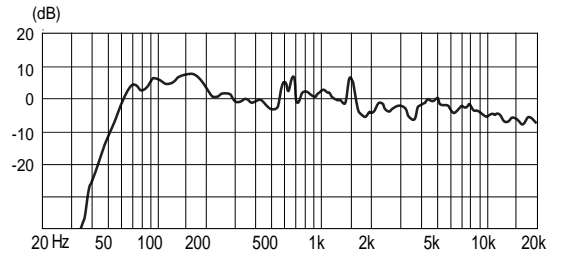
### Weight

14.7kg

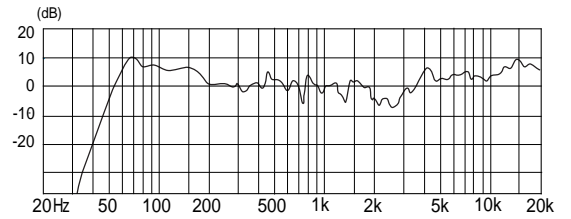
### Power Requirement / Consumption

230VAC, 50/60Hz - 120 watts

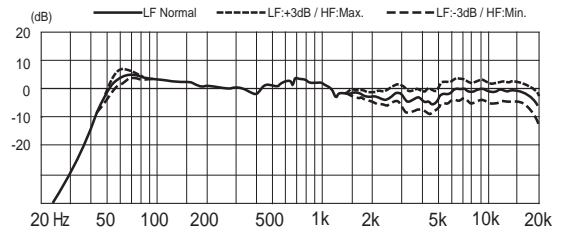
PM0.5



PM-1



PM-2



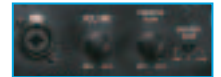
PM-2



PM-1



PM0.5



## ELECTRONICS

All PM-Series monitors feature internal bi-amplification employing two state-of-the-art amplifiers which are precisely calibrated to match the performance of the drive units and utilize high quality discrete bipolar output devices:  
 PM0.5 - 35w, LF 35w  
 PM-1 - 45w, LF 75w  
 PM-2 - 120w, LF 120w  
 High-capacity power supply units are used for excellent transient response.  
 PM0.5 and PM-1 feature a XLR/6mm jack input with gain control while the PM-2 benefits from individual HF gain control, overall volume control and a 0dB / -3dB / +3dB switch for the LF unit.

**Fostex**

[www.fostex.com](http://www.fostex.com)

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