

Fostex

PM Series MKII



PM Series MKII

Exceptional audio performance matched to jaw-dropping good looks.

Fostex strive to design and build studio monitoring systems which enable you to experience your unique sound in all its dimensions. And through tireless research and development, endless measurements and real-world listening tests, Fostex's engineers have achieved this in the form of the beautiful second generation PM-Series.

Capitalizing on Fostex's supreme knowledge of acoustics and speaker engineering, and now offering a brighter, tighter sound, these studio monitors are designed inside out to provide the best monitoring experience, with minimal resonance, sparkling highs and rich, deep lows.

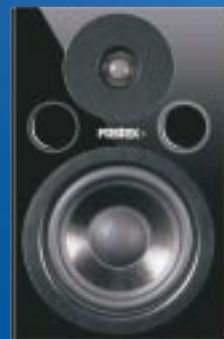
And, with new 'high-gloss' front baffles, they look as stunning as they sound.



PM-2 MKII
25mm tweeter
200mm woofer
240 watt bi-amplifier



PM-1 MKII
25mm tweeter
130mm woofer
120 watt bi-amplifier



PM0.5 MKII
20mm tweeter
100mm woofer
70 watt bi-amplifier



PM.04
16mm tweeter
100mm woofer
36 watt bi-amplifier



PM0.5-Sub MKII
200mm woofer
110 watt amplifier

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PM-2 MKII

Created for larger rooms and studio, the PM-2 MKII 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 MKII 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.

PM-1 MKII

Perfectly proportioned and offering the type of clear-transparent sound that singles out a great speaker, the PM-1 MKII 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 MKII 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.

PM0.5 MKII

The ideal choice for smaller studios requiring nearfield monitoring, the perfectly formed PM0.5 MKII 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.

PM0.5-Sub MKII

Designed ideally for use with the PM0.5 MKII, the 110 watt, 200mm driver PM0.5-Sub MKII produces precise, low frequency reproduction and an excellent deep bass output. Easy to set-up (just a single gain control and phase reverse switch), the combination of a pair of PM0.5 MKII's and PM0.5-Sub MKII provides superb sonic quality at an affordable price.

PM0.4

The ultra-compact PM0.4 now completes the PM-Series lineup. Diminutive in size, but with a sound that has to be heard to be believed, the PM0.4 is naturally recommended for desk-top use but its superb audio performance in a compact physical size expands its applications to professional console top studio monitoring, audio installation and portable audio monitoring. Features 36 watts of bi-amped power, UFLC 16mm soft dome HF unit, 100mm LF woofer and overall volume control.



Electrics

PM-Series monitors (not PM0.5-Sub MKII) 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:

PM0.4 - 18w, LF 18w PM0.5 MKII - 35w, LF 35w
PM-1 MKII - 45w, LF 75w PM-2 MKII - 120w, LF 120w

High-capacity power supply units are used for excellent transient response. PM0.4 offers TRS and Line inputs, PM0.5 MKII and PM-1 MKII feature an XLR/6mm jack input with gain control while the PM-2 MKII benefits from individual 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 Series MKII

Specifications



PM-2 MKII

HF unit

25mm Soft Dome

LF Unit

200mm Aromatic Polyamide

Frequency Response

Free field ± 2 dB

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

Physical

254w x 411h x 300d (mm)

14.7kg



PM-1 MKII

HF unit

25mm Soft Dome

LF Unit

160mm Aromatic Polyamide

Frequency Response

Free field ± 2 dB

50Hz - 20kHz

Low Frequency Cut-Off

38Hz (-10dB)

High Frequency Cut-Off

23.5kHz (-10dB)

Amp Power

Low Frequency: 75 watts

High Frequency: 45 watts

Amp Distortion

<0.007% T.H.D. @ 30w

8 Ohm 20Hz - 20kHz

Amp Signal to Noise

>93dB 20Hz - 30kHz

not weighted

Physical

215w x 380h x 283d (mm)

11kg



PM0.5 MKII

HF unit

20mm Soft Dome

LF Unit

130mm Aromatic Polyamide

Frequency Response

Free field ± 2 dB

50Hz - 20kHz

Low Frequency Cut-Off

40Hz (-10dB)

High Frequency Cut-Off

22kHz (-10dB)

Amp Power

Low Frequency: 35 watts

High Frequency: 35 watts

Amp Distortion

<0.01% T.H.D. @ 25w

8 Ohm 20Hz - 20kHz

Amp Signal to Noise

>84dB 20Hz - 30kHz

not weighted

Physical

181w x 280h x 260d (mm)

6.5kg



PM0.4

HF unit

16mm Soft Dome

LF Unit

100mm Aromatic Polyamide

Frequency Response

Free field ± 2 dB

60Hz - 30kHz

Low Frequency Cut-Off

60Hz (-10dB)

High Frequency Cut-Off

22kHz (-10dB)

Amp Power

Low Frequency: 18 watts

High Frequency: 18 watts

Amp Distortion

<0.1% T.H.D. @ 12w

4 Ohm 20Hz - 20kHz

Amp Signal to Noise

>75dB 20Hz - 30kHz

not weighted

Physical

114w x 220h x 190d (mm)

3.75kg



PM0.5-Sub MKII

LF Unit

200mm

Frequency Response

25Hz - 85Hz

Woofer LF Cut-Off

20Hz (-18dB/octave)

Woofer HF Cut-Off

55Hz (-18dB/octave)

Output LF Cut-Off

120Hz (-12dB/octave)

Amp Power

110 watts

Amp Distortion

<0.002% T.H.D. @ 50w

4 Ohm 20Hz - 20kHz

Amp Signal to Noise

>80dB 22Hz - 90Hz

not weighted

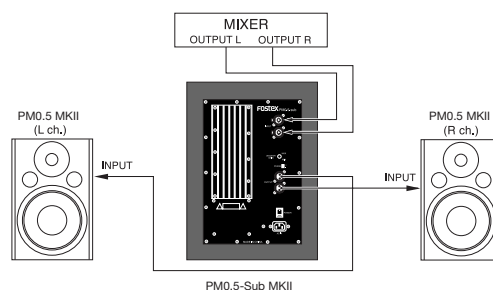
Phase

Positive / negative switchable

Physical

297w x 400h x 420d (mm)

16kg



Stereo plus Sub

By adding a PM0.5-Sub MKII to a pair of PM0.5 MKII nearfield monitors the frequency range is expanded down as low as 25Hz whilst maintaining excellent clarity and purity of sound. As the PM0.5-Sub MKII features a fixed cut-off frequency, a single woofer gain control and a phase reverse switch for matching in with the main system, users can be assured of a great sound without the need to adjust fiddly frequency adjustments.

Fostex

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