

NX-Series

Powered Nearfield Studio Monitors



Fostex

NX Series

Powered Nearfield Monitors for Professional Recording Environments.

Listen to a pair of powered Fostex NX Series reference monitors and you'll discover a superb natural sound with little colouration, deep tight lows and crystal clear highs, precise stereo imaging and an almost complete lack of distortion - even at high sound pressure levels.

Full of the latest in speaker technology and designed from the ground up for critical listening in both professional and project studios, broadcast and editing suites, or any other recording facility where a precise, transparent, professional sound is essential, the NX Series set new standards in sonic accuracy and packaging.

Precision monitoring and audio performance of this standard has never been so affordable.

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NX-6A
20mm tweeter
160mm woofer
100 watt bi-amplifier



NX-5A
20mm tweeter
130mm woofer
100 watt bi-amplifier



Electrics

NX Series monitors feature internal bi-amplification utilising two high-specification, precisely calibrated units to provide excellent audio characteristics across the frequency spectrum, even at high SPLs:

- Low Frequency Unit: 60w
- High Frequency Unit: 40w

Both the NX-6A and NX-5A also feature large heatsinking fins enabling the amplifiers to easily dissipate heat ensuring optimum performance at all times.

Balanced XLR and unbalanced phone inputs are available along with LO EQ control plus individual rotary controllers for level and tweeter volumes.

HF Units

The ultra-responsive hard dome NX Series tweeter employs a magnesium diaphragm to ensure a sound free from harsh metallic characteristics.



LF Units

NX Series low frequency drivers feature Hyper Radial diaphragms, modern Radial Papermaking Technology and Up / Down Roll Tangential driver edges in their design and construction. It all adds up to unparalleled linearity and responsiveness.



NX-6A Monitor

Featuring a 160mm woofer with Hyper Radial and UDR technology, the NX-6A offers excellent stereo imaging across the sound stage and a consistently 'flat' response throughout the frequency range. Magnetically shielded drivers and a compact size allows easy placement close to all types of video, audio and computer devices, while the sonically pure and transparent sound, free from harshness and unwanted colouration, makes it ideal for all extended critical-listening sessions. - Upgrading to professional-level active monitoring has never been easier.

Main Features

- Low Frequency Unit
 - 6.5" (160mm) with HR (Hyper Radial) diaphragm which utilises the latest diaphragm 'Radial Papermaking Technology' for natural and smooth sound reproduction
 - UDR (Up/Down Roll) Tangential driver edge eliminates unwanted resonance
- Wide-range 20mm hard dome tweeter
 - Employs magnesium diaphragm which eliminates metallic characteristics and features ultra-fast high frequency response
- LF and HF units feature highly rigid cast aluminum frames minimizing unnecessary vibrations and resonances
- Magnetically shielded drivers allow for safe placement close to a video monitor
- Time-aligned front baffle enclosure design with the recessed HF driver for a sharply focused sound image
- Unique HP sound reflectors prevents the generation of standing waves in the enclosure
- Bi-amplifier
 - Dedicated 60W (LF) + 40W (HF) bi-amplifier eliminates electric interference between the drivers
 - Overall output level control
 - Dedicated tweeter level control (± 3 dB) cut/boost
 - LO EQ control: ± 3 dB cut/boost around 55Hz for optimum performance in varying environments

NX-5A Monitor

Created to offer a professional nearfield monitoring solution in tight spaces, the compact NX-5A excels in just about every department. The sound is full of clarity and audio accuracy, the stereo imaging is sharp and consistent and the level of sonic detail is incredible from a monitor so small. The engineering is superb with an internal wall design which eliminates standing waves, precision aluminium frames minimizing unwanted vibrations and a woofer which features a UDR tangential driver edge to eliminate unwanted resonances. - It all adds up.

Main Features

- Low Frequency Unit
 - 5" (130mm) with HR (Hyper Radial) diaphragm which utilises the latest diaphragm 'Radial Papermaking Technology' for natural and smooth sound reproduction
 - UDR (Up/Down Roll) Tangential driver edge eliminates the unwanted resonance
- Wide-range 20mm hard dome tweeter
 - With magnesium diaphragm to eliminate sharp-edges sound characteristics
- Highly rigid cast aluminum frames for both LF and HF units which minimizes unwanted vibrations and resonances
- Magnetically shielded drivers allow for safe placement close to a video monitor
- Time-aligned front baffle enclosure design with the HF driver recessed for a precise and pure sound
- Bi-amplifier
 - Dedicated 60W (LF) + 40W (HF) bi-amplifier eliminates electric interference between the drivers
 - Overall output level control
 - Dedicated tweeter level control (± 3 dB) cut/boost
 - LO EQ control: +2dB / 0dB / -2dB selectable for tailoring performance to the listening room

NX-6A Specifications

SPEAKER SECTION	
Impedance	6 ohm (LF) / 8 ohm (HF)
Speaker Units	
LF unit	160mm HR diaphragm woofer
HF unit	20mm Magnesium Dome tweeter
Frequency response	55Hz - 38kHz
Maximum Sound Pressure Level	104dB/W (Max/rated input)
Enclosure Type	2-way Bass reflex type with HP sound reflectors
AMPLIFIER SECTION	
Output	
LF	60W (typical)
HF	40W (typical)
Input - Balanced	
Connector	XLR-3-31 type (Pin 2:HOT) x 1
Impedance	> 10k ohm
Level	+4dBu
Input - Unbalanced	
Connector	ø 6mm phone jack x 1
Impedance	> 10k ohm
Level	-10dBV
Crossover Frequencies	6kHz / -18dB / Oct (LF) & 8kHz / -18dB / Oct(HF)
Tweeter Level Control	±3dB variable
Lo EQ control	55Hz, ±3dB variable
PHYSICAL	
Dimensions	230(W) x 350(H) x 334(D)mm
Weight Approx.	13kg
Power Requirements	120V, 60Hz, 230V, 50/60Hz, 230V, 50Hz
Power Consumption	70W



NX-6A Rear Panel
Bi-amplifier with controls for overall output level control, tweeter level control (±3dB) cut/boost, and variable LO EQ control: with ±3dB of cut/boost at around 55Hz.

NX-5A Specifications

SPEAKER SECTION	
Impedance	6 ohm (LF) / 8 ohm (HF)
Speaker Units	
LF unit	130mm HR diaphragm woofer
HF unit	20mm Magnesium Dome tweeter
Frequency response	50Hz - 40kHz
Maximum Sound Pressure Level	104dB/W (Max/rated input)
Enclosure Type	2-way Bass reflex type with HP sound reflectors
AMPLIFIER SECTION	
Output	
LF	60W (typical)
HF	40W (typical)
Input - Balanced	
Connector	XLR-3-31 type (Pin 2:HOT) x 1
Impedance	> 10k ohm
Level	+4dBu
Input - Unbalanced	
Connector	ø 6mm phone jack x 1
Impedance	> 10k ohm
Level	-10dBV
Crossover Frequencies	5kHz / -6dB / Oct (LF) & 3.5kHz / -12dB / Oct(HF)
Tweeter Level Control	±3dB variable
Lo EQ control	55Hz, +2dB / 0dB / -2dB selectable
PHYSICAL	
Dimensions	190(W) x 300(H) x 320(D)mm
Weight Approx.	10kg
Power Requirements	120V, 60Hz, 230V, 50/60Hz, 230V, 50Hz
Power Consumption	75W



NX-5A Rear Panel
Bi-amplifier with controls for overall output level control, tweeter level control (±3dB) cut/boost, and selectable +2dB / 0dB / -2dB LO EQ control at around 55Hz.



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