

HT-12 Home Theater Subwoofer, PS112 Powered Subwoofer



HT-12 Home Theater Subwoofer

While powered home theater subwoofers are excellent, the HT-12 passive subwoofer gives the dedicated home theater enthusiast the added ability to select the quality and power of the amplifier. This 12" design uses a high efficiency driver so that even the smallest McIntosh amp can drive it to room-filling sonics. The patented LD/HP[®] magnet structure design reduces the driver's distortion, while improving both efficiency and power handling. The driver in the HT-12 can easily handle up to 400 watts. Capable of powerful bass output across a range from 29Hz to 500Hz, the McIntosh HT-12 will provide the kind of chest pounding foundation on which a modern digital soundtrack is often built. Paired with a high quality McIntosh amp, the HT-12 is your ticket to earth-shaking home theater.



12" Subwoofer

Designed for low distortion reproduction

12" extended excursion driver with patented LD/HP[®] magnet structure design

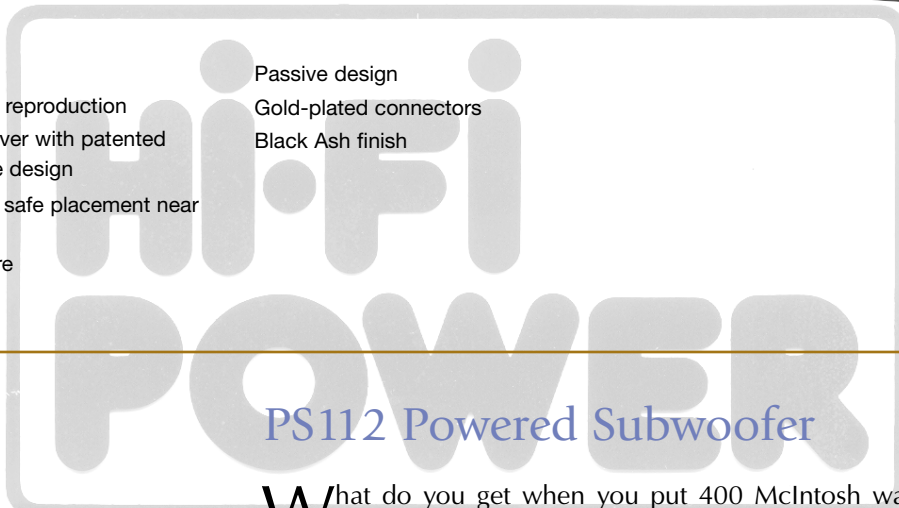
Shielded magnetic field for safe placement near video monitors

Vibration-resistant enclosure

Passive design

Gold-plated connectors

Black Ash finish



PS112 Powered Subwoofer

What do you get when you put 400 McIntosh watts and a McIntosh 12" extended excursion woofer—the same driver as in our HT-12 subwoofer—into an enclosure with monumental rigidity? Deep, clean, glorious bass. And lots of it. The PS112 is the most powerful amplified subwoofer ever produced by McIntosh. The PS112 delivers its punch with patented LD/HP[®] technology, which significantly reduces bass distortion and improves both efficiency and power handling.



Designed for low distortion reproduction

Superior cabinet strength with "Arched Bridge Truss" construction

Laminated cabinet sides

12" extended-excursion driver with patented LD/HP[®] magnet structure design

115dB maximum SPL

Low-frequency boost

Rigid die cast aluminum woofer basket

Front-firing design for ease of installation

Shielded magnetic field for safe placement near video monitors

McIntosh 400 watt amplifier

McIntosh beveled glass control panel

Exclusive McIntosh Power Assurance System:

Power Guard[®] clipping protection

Sentry Monitor[®] current protection

Thermal Protection

Turn-On Delay

Signal-sensing or power control remote on/off

Front panel:

Variable low and hi pass filter control

Two-position phase switch

Bass enhance switch

On, standby and Power Guard indicators

Level control

On/off switch

Gold-plated connectors

Natural Cherry, Red Cherry, & Black Ash finishes



HOME &
PROFESSIONAL
AUDIOVISUAL

HT-12 Home Theater Subwoofer

DRIVER COMPLEMENT

12 inch LD/HP® woofer

IMPEDANCE

4 ohm nominal

FREQUENCY RESPONSE

29Hz - 500Hz \pm 3dB (close microphone)

SENSITIVITY

86dB (2.8V/1m, ground plane)

POWER HANDLING

400 watts maximum

DIMENSIONS (H X W X D)

17" (43.18cm) height, add 1/2" (1.27cm) for feet; 17" (43.18cm) width; 17" (43.18cm) depth, add 1" (2.54cm) for grille

FINISH

Black Ash

WEIGHT (EACH)

75 lbs (34.02 Kg) net; 83 lbs (37.65 Kg) in shipping carton

PS112 Powered Subwoofer

POWER OUTPUT

400 watts sine wave continuous power

TOTAL HARMONIC DISTORTION

0.05% maximum from 250 mw to 400 watts

A-WEIGHTED SIGNAL TO NOISE RATIO

118dB below rated output

IHF DYNAMIC HEADROOM

1.8dB

INPUT SENSITIVITY

0.4V for rated output

INPUT IMPEDANCE

15k ohms

MAXIMUM INPUT SIGNAL

9V

POWER GUARD

Clipping is prevented and THD does not exceed 4% with up to 10dB of overdrive

FILTERS

Low pass: 40-120 Hz variable

Hi pass: 40-120 Hz variable

LEVEL CONTROL

Variable level control (front panel)

LOW FREQUENCY BOOST

5dB at 30Hz

POWER CONTROL

Input 5 - 20V DC trigger (1/8" mini-phone jack)

or signal-sense (RCA), output 5V DC (1/8" mini-phone jack)

ENCLOSURE CONFIGURATION

Front-firing flared port design

MAXIMUM SOUND PRESSURE LEVEL

115dB

DRIVER SIZE

Nominal 12" (30.5 cm)

FINISHES

Natural Cherry, Red Cherry and Black Ash with a black grille cloth and beveled glass control panel. Premium finishes in Rosewood Gloss and Piano Black.

POWER REQUIREMENTS

120VAC 50/60 Hz at 5 amps

DIMENSIONS (H X W X D)

22.5" (57.15cm) height; 15" (38.1cm) width; 19" (45.7cm) depth including grille

WEIGHT

99 lbs (44.9 Kg) net; 119 lbs (54 Kg) in shipping carton

