

MAS 111

2 x 65W stereo music system with DAB+ and T-DMB tuner

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Specifications



■ The Harman Kardon® MAS 111

has it all. This advanced stereo music system integrates a built-in amplifier, a DAB+ and T-DMB radio tuner and an alarm clock, along with CD, MP3 and WMA playback, not to mention audiophile-quality bookshelf loudspeakers. The MAS 111 system is also compatible with iPod and iPhone devices when used with an optional Harman Kardon The Bridge III dock. USB inputs, phono input and auxiliary inputs for other audio products complete the package, making the MAS 111 the ultimate companion for 21st-century music lovers.

■ Highlights

Integrated system that includes an amplifier, a CD player and loudspeakers

Ready for iPod and iPhone devices (iPod/iPhone not included)

FM/DAB/DAB+/T-DMB tuner

USB 2.0 host

MP3 and WMA playback

Digital inputs and outputs

Alarm clock

Phono input MM

Digital signal processing (DSP)

Flat baffle design

Waveguide tweeter

Heavy-duty binding posts

Capacitive touch control

192kHz/24-bit DACs

Black-lacquer finish

■ Key Specifications

- Audio section – continuous average power (FTC), (stereo mode): 65 watts per channel into 6 ohms @ 20Hz – 20kHz, <0.1% THD
- Frequency response – “A”-weighted S/N ratio: >98dB; THD: 0.0025%; dynamic range (CD): 100dB; channel separation: >90dB; tuner – usable sensitivity: IHF 1.3µV/13.2dBf; THD at 1kHz with 100% modulation, (mono): 0.15%; (stereo): 0.3%; FM adjacent-channel selectivity: ±400kHz, 70dB; ultimate (maximum) S/N ratio (measured at 1mV RF input level), (mono): 70dB; (stereo): 68dB
- Dimensions (H x W x D) and weight – source: 80mm x 240mm x 240mm, 2.0kg; amplifier: 80mm x 240mm x 240mm, 2.6kg; loudspeakers: 270mm x 180mm x 185mm, 5.0kg

Depth measurement includes knobs, buttons and terminal connections, unless stated otherwise; height measurement includes feet and chassis, unless stated otherwise.

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■ Features

Power

- 65W x 2 into 6 ohms, 20Hz – 20kHz, at <0.1% THD, with both channels driven
- Two two-way loudspeakers with 125mm bass driver and 25mm tweeter

Connectivity

- Connects to the Harman Kardon-engineered The Bridge III docking station for playback, control and charging of iPod and iPhone devices
- Two analog-audio inputs
- Four digital inputs (two coaxial and two optical on rear panel)
- Headphone output
- Side-panel USB 2.0 host connection for playing compatible music files from portable devices
- One high-quality phono input for connecting to record players with an MM cartridge
- Front-panel auxiliary input for connecting to portable media players
- Heavy-duty binding posts for the use of speaker cables up to 10mm

Ease of Use

- FM stereo RDS (radio data system) tuner with 30 presets and direct-access tuning
- CD-like audio quality with digital audio broadcasting (DAB) or terrestrial digital media broadcasting (T-DMB)
- Automatic scan for DAB digital radio stations, with 30 presets for DAB
- Dynamic label segment (DLS) to allow information provided by the broadcaster to scroll on the display
- Program type, multiplex name, bitrate channel and frequency indication visible on the display
- Signal-error rate showing level of correction to the DAB signal to maintain high audio quality
- MP3-compatible, with ID3 tag support
- All cables included
- Nondistracting front-panel capacitive-touch-control buttons for easy operation
- High-efficiency Class D amplifier
- Timer with dual-alarm function via iPod, radio or CD, selectable for weekdays only or weekdays and weekend
- Dual-line, 16-character dot-matrix display
- System remote control
- Detachable IEC power cord
- Four-speed smooth scan and slow motion, program playlist, random play, repeat play (one track, one CD or A-B)
- Flat drivers and a flat baffle construction to eliminate unwanted sound diffraction within the loudspeaker, resulting in cleaner and more natural sounding music reproduction
- Waveguide design for tweeter to optimize off-axis sound performance, improving the sound quality in all locations of the room – not only right in front of the speakers
- Digital signal processing for tone control, balance and volume settings to ensure a perfect match between amplifier and loudspeakers, resulting in optimal system performance

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