

MAS 100

2 x 65W stereo music system

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Specifications



■ The Harman Kardon® MAS 100

The Harman Kardon® MAS 100 has it all. This advanced stereo music system integrates a built-in amplifier, a radio tuner and an alarm clock, along with CD, MP3 and WMA playback all on board, not to mention the included audiophile-quality bookshelf loudspeakers. The MAS 100 system is also compatible with iPod when used with an optional Harman Kardon The Bridge II dock. USB inputs, phono input and auxiliary inputs for other audio products complete the package, making the MAS 100 the ultimate companion for 21st-century music lovers.

■ Highlights

Integrated system that includes an amplifier, a

CD player and loudspeakers

Ready for iPod (iPod not included)

USB 2.0 host

MP3 and WMA playback

Digital inputs and outputs

Alarm clock

Moving-magnet phono input

Digital signal processing

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: 20Hz – 20kHz, ± 0.5 dB; – “A”-weighted S/N ratio: >98dB; THD: 0.0025%; dynamic range (CD): 100dB; channel separation: >90dB; tuner – usable sensitivity: IHF 1.3 μ V/13.2dBf; THD at 1kHz with 100% modulation, (mono): 0.15%; (stereo): 0.3%; FM adjacent-channel selectivity: ± 400 kHz, 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 II docking station for playback, control and charging of an iPod device
- 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 portable media players
- Heavy-duty binding posts allow for the use of speaker cables up to 10mm (3/8")

Ease of Use

- FM stereo RDS tuner with 30 presets and direct-access tuning
- MP3-compatible, with ID3 tag support
- All cables included
- Nondistracting front-panel capacitive-touch-control buttons for easy operation
- High-efficiency Class D amplifier
- DSP (digital signal processing) for digital tone control, balance and volume settings
- 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
- 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 eliminate unwanted sound diffraction within the loudspeaker, resulting in cleaner and more natural-sounding music reproduction
- The tweeter's waveguide design optimizes the off-axis sound performance, improving the sound quality in all locations of the room – not just right in front of the speakers
- Digital signal processing ensures a perfect match between the amplifier and loudspeakers, resulting in an optimal system performance

Harman International

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Features, specifications and appearance are subject to change without notice. Part No. MAS10001/10

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