MAS 102

Compact, integrated music system

◼ Harman Kardon® MAS 102

The Harman Kardon® MAS 102 compact music system will fill virtually any room with accurate, distortion-free sound, yet it'll fit comfortably on a bookshelf or tabletop. It features a 2 x 65-watt amplifier, slot-loaded CD player, drift-free FM tuner, and custom 130mm (5") bass-reflex speakers with 25mm (1") MMD® dome tweeters. With front and rear USB ports and no fewer than eight auxiliary audio inputs including phono MM, there are few audio sources it can't handle, and its classic good looks will be at home anywhere.

◼ Highlights

Complete, Integrated System
The performance of separate components with the ease of use of a single integrated system

Connects to iPod/iPhone
The Bridge IIIP dock for iPod and iPhone gives you access to your iTunes library via the system remote

CD Player
Plays MP3 and WMA CD-R and CD-RW discs, as well as standard CDs, with random-play and repeat-play options

FM Radio
Drift-free tuner with 30 station presets

Two USB Ports
Play MP3 and WMA from USB drives and memory sticks with navigation via the system remote

Advanced Loudspeakers
Flat-panel bass drivers and proprietary MMD tweeters with integral waveguides deliver clean, natural sound and enhanced stereo imaging

The Bridge IIIP dock
Navigate your iTunes music via the system remote, charge iPod/iPhone when docked

IR Remote
Controls all system functions and iPod navigation (via The Bridge IIIP) from up to 15 ft (4.6m) away

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█ Key Features

- 65-Watts-per-Channel Output – Distortion-free sound at any listening level
- Digital-Audio Connections – Two coaxial and two optical digital inputs and one coaxial digital output maximize connection flexibility and eliminate D/A conversions for maximum sound quality
- Analog-Audio Connections – Two stereo RCA inputs for full-size audio components and one stereo 3.5mm (1/8") input for computers and portable media players maximize connection flexibility
- Phono Input – Connects to turntables with MM (moving-magnet) phono cartridges
- Headphone Jack
- The Bridge IIIP included for iPod and iPhone
- Clock with Sleep Timer and Dual Alarms
- VFD Display
- Gold-Plated Binding Posts
- Striking Industrial Design

█ Specifications

Audio Specifications

- Power output: 65 watts per channel (both channels driven), 20Hz – 20kHz, <0.07% THD, 6 ohms
- Bandwidth: 20Hz – 35kHz (–3dB)
- System frequency response: 20Hz – 20kHz, ±0.5dB
- Signal-to-noise ratio (IHF-A): 90dB (analog inputs); 96dB (digital inputs)
- Channel separation: >–65dB
- Crosstalk between sources: >–70dB
- Input sensitivity (1kHz): 250mV RMS, ±1dB (RCA inputs); 7.5mV (phono input)

FM Specifications

- Frequency Frequency range: 87MHz – 108MHz
- Usable sensitivity (IHF): 1.3µV/13.2dBf
- Signal-to-noise ratio: 68dB (mono); 65dB (stereo)
- Distortion: 0.15% (mono); 0.3% (stereo)
- Stereo separation @ 1kHz: 35dB (100% deviation @ 65dBf)

- Selectivity ±300kHz: 65dBf
- Image rejection: 80dB
- IF rejection: 90dB
- Station presets: 30
- RDS capability: PS (program service); RT (dynamic radio text)

CD Specifications

- Disc compatibility: CD, CD-R, CD-RW, MP3, WMA
- THD+N (20Hz – 20kHz): <0.025%
- Frequency response: 20Hz – 20kHz, ±0.5dB
- Channel separation: >–65dB
- Signal-to-noise ratio (A WTG): >96dBr; >94dBr (22kHz filter)

Speaker Specifications

- Low-frequency transducer: 130mm (5-1/8") honeycomb composite, shielded
- High-frequency transducer: 25mm (1") MMD dome, shielded
- Frequency response: 60Hz – 25kHz (–3dB)
- Nominal impedance: 8 ohms
- Crossover frequency: 2.2kHz

General Specifications

- Power requirement: AC 120V/60Hz
- Power consumption: <1W full standby (clock not activated); <2W standby (clock activated); 150W maximum (both channels driven)
- Operating temperature: 0°C – 40°C (32° – 104°F)
- Controller dimensions (W x H x D): 90mm x 240mm x 240mm (3-9/16" x 9-7/16" x 9-7/16")
- Amplifier dimensions (W x H x D): 90mm x 240mm x 240mm (3-9/16" x 9-7/16" x 9-7/16")
- Speaker dimensions (W x H x D): 272mm x 181mm x 196mm (10-23/32" x 7-1/8" x 7-3/4"), with grilles
- Weight: System: 13.9kg (30.5 lb); Controller: 2.0kg (4.4 lb); Amplifier: 2.8kg (6.3 lb) Speakers (each): 4.4kg (9.8 lb)