

marantz®

HD-AMP1

DIGITAL INTEGRATED AMPLIFIER



Engineered to the highest Marantz purist audiophile standards, the HD-AMP1 digital integrated amplifier serves as the heart of your music system, and features the latest digital audio technologies that extract the utmost fidelity from the widest range of audio sources. Equipped with multiple digital inputs, including 2 optical, 1 coaxial along with 2 USB ports, the HD-AMP1 features the ability to decode the latest generation lossless high resolution audio file types, including WAV, AIFF, ALAC, FLAC at up to 24-bit/192-kHz resolution, along with the ability to play MP3, WMA and AAC tracks. The rear panel USB-B port features advanced noise isolation so you can connect your PC or Mac and stream even higher resolution files, up to 32-bit/384-kHz. The HD-AMP1 is equipped with the reference grade ESS SABRE DAC and dual master clock crystals for the widest bandwidth, highest dynamic range and lowest distortion, and the HD-AMP1 can also play your favorite DSD hi-res audio tracks including 2.6/5.2/11.2-MHz.

The powerful amplifier features cool-running high resolution Class D technology and boasts wide dynamic range, extended frequency response and high current capability - the HD-AMP1 is fully rated to drive low impedance 4 ohm speakers, with 35 watts per channel into 8 ohms and 70 watts per channel into 4 ohms.

Throughout the HD-AMP1 there are 3 circuit blocks that feature our exclusive HDAM-SA2 technologies, including the analog front end, D/A converter I/V block as well as the dedicated headphone amplifier block, which also features 3 selectable gain levels to handle the widest range of headphone impedances, and it has its own volume control.

In addition to the digital inputs there are 2 analog inputs and there's also a subwoofer output. For compatibility with the widest range of speaker cable terminations, the HD-AMP1 features our premium SPKT-1 connectors.

Main Features

- Compact Integrated Amplifier with digital and analog inputs
- Marantz Current Feedback technology for detailed, natural sound
- Exclusive Marantz HDAM-SA2 technology
- Marantz Musical Digital Filtering with proprietary DSP filtering and 2 filter options
- Plays lossless WAV, AIFF, ALAC, FLAC file types, up to 24-bit/192-kHz via digital inputs
- Plays lossless WAV, AIFF, ALAC, FLAC file types up to 32-bit/384-kHz via rear USB
- Plays 2.6/5.2/11.2-MHz DSD files via rear USB
- Also plays WMA, MP3, AAC tracks
- 2 optical and 1 coaxial digital inputs
- USB-A front panel port and USB-B rear panel port
- USB-B block features advanced noise isolation
- Reference grade ESS SABRE 32-bit/384-kHz DAC
- Dual master clock crystals
- Headphone amplifier with HDAM-SA2 and 3 gain/impedance choices
- 2 Analog inputs
- iDevice and USB drive connectivity
- Auto iDevice recharge via front USB
- Marantz SPKT-1 premium speaker connectors
- Elegant black chassis with brushed aluminum front panel and woodtone side panels and exclusive Marantz 2-line porthole display with 3 dimming levels and off

UPC

NA HDAMP1/U1B 6-99927-13155-5 Black

70w X 2ch

marantz
musical digital
filtering

DSB
STREAMING

32 bit 384kHz

USB TYPE B
INPUT

COAX DIGITAL
INPUTS

OPT DIGITAL
INPUT

Made for
iPod iPhone

HDAM SA2

SYMMETRIC
LAYOUT

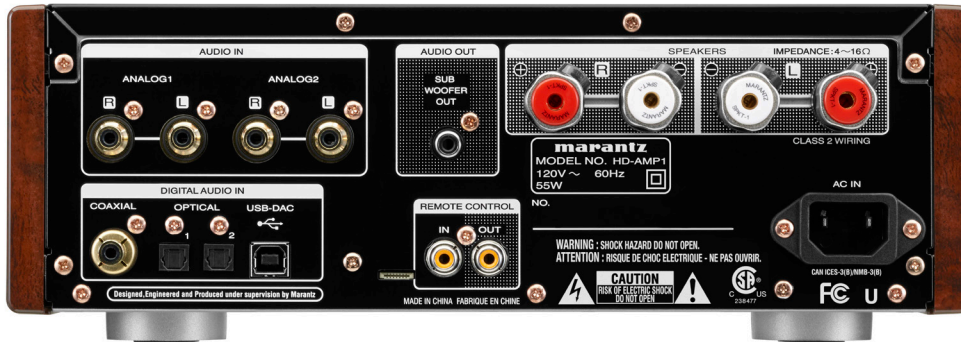
CUSTOMISED
COMPONENTS



marantz®

HD-AMP1

DIGITAL INTEGRATED AMPLIFIER



FEATURES	HD-AMP1
DAC Operation Mode: USB / Coax / Optical	• / • / •
Asynchronous Mode Rear USB	•
Bit-Perfect Transmission	•
USB-B DSD Audio Streaming: DSD2.8 / DSD5.6 / DSD11.2	• / • / •
Ground Isolator for DAC Mode Operation	•
iPod / iPhone Compatible USB Input	•
DAC Chip	SABRE ES9010K2M
HDAM Version	HDAM SA2
High Grade Audio Components	•
Customized Components	•
INPUTS/OUTPUTS	
Headphone Out	•
Headphone Volume Control	•
Headphone Gain Control (Low / Mid / High)	•
Analog Input	2
Digital Optical In / Out	2 / -
Digital Coaxial In / Out	1 / -
Sample Rate Digital In	192kHz/24bit
Speaker Terminals	2x Marantz SPKT-1
Gold Plated Cinch	•
Front USB	•
USB Type B Input for Computer (Back)	•
Asynchronous Mode Rear USB	•
Sample Rate USB Type B In	384kHz/32bit
USB-B DSD Audio Streaming: DSD2.8 / DSD5.6 / DSD11.2	• / • / •
D-Bus	•

OTHER	
Power Output (8 / 4 Ohm RMS)	35W / 70W
Frequency Response	20 Hz - 50 kHz
Signal to Noise Ratio	105 dB
Total Harmonic Distortion	0.05%
GENERAL	
Available Colors	Black
Remote Control	RC002HD
Power Consumption in W	55
Standby Consumption in W	0.3
Auto Power Off	•
Detachable Power Cable	•
Maximum Dimensions (W x D x H) in Inches	12.0 x 13.9 x 4.2
Weight in lbs	12.8

Design and specifications are subject to change by Marantz without notice.



Marantz is a trademark or registered trademark of D&M Holdings, Inc.

us.marantz.com

ca.marantz.com