AV ENAGE AV Receiver RX-A3050

AV ENAGE AV Receiver ready for Dolby Atmos® and CINEMA DSP HD³ for the ultimate 3D AV experience. With many outstanding features including 11.2ch expandability, the latest super-high quality ESS DACs, High-Resolution audio playback support and Advanced HDMI Zone Switching.

**Audio Features**
- 9-channel powerful surround sound
- 150W per Channel (4 ohms, 20 Hz-20 kHz, 0.08% THD, 1 ch driven)
- 230W per Channel (4 ohms, 1 kHz, 10% THD, 1 ch driven)
- Dolby Atmos® support
- 14-bit cross memost frame and rigid bottom frames and bottom construction
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Ultra-high performance 150W(1kHz)/320W ESS E95010 DAOS for 7 main channels
- High speed thermal feedback power amplifier
- New high-quality Volume LGIC and Independent Fan Power Supply
- Ultra Low Jitter PLL circuitry helps optimise sound imaging
- New high quality Volume LGIC and Independent Fan Power Supply
- High Resolution Music Enhancer further heightens musicality from the original content
- 4K video upscaling from analogue and HDMI input
- 4K60p 4:4:4 Pass through
- Heavy legs to add more stability to the chassis
- Background Video feature (for Radio/USB/Bluetooth)
- YPAO R.S.C. (Reflexed Sound Control) with 3D, multi-point and angle measurement
- Advanced multi-language GUI on-screen display with HD Font
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- Virtual Presence Speaker function for CINEMA DSP HD sound field vertically for more thrilling and realistic surround sound
- Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- SILENT CINEMA to enjoy surround sound with headphone
- Advanced multi-language GUI on-screen display with HD Font
- Party mode
- Zone mono, Zone volume, Zone tone controls, Zone balance and Zone audio delay
- System Backup / Recovery function
- Zone GUI (song/station selection, album cover art display)
- Zone 2-3-4 on/off and control on front panel
- Advanced HDMI Zone Switching allows various input sources to be output via HDMI and enjoyed in different rooms
- Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing, WPS etc.
- Wi-Fi-Built-in (60GHz, 1167Mbps)
- Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing, WPS etc.
- AirPlay® allows music streaming from Mac, PC, iPad, iPhone, iPad
- DLNA 1.5 certified
- Background Video feature (for Radio/USB/Bluetooth)
- Zone SCENE - 4 SCENE buttons for Zone 2/3/4
- 12 SCENE choices (4 on front panel and others on GUI)
- HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
- Zone SCENE - 4 SCENE buttons for Zone 2-3-4
- Auto Power Standby function with variable time setting

**Eco-Friendly Design**
- Eco mode operation for about 20% less power consumption
- Low standby power consumption of 0.1W
- Auto power standby function with variable time setting

**Technical Data**

- Advanced multi-language GUI on-screen display with HD Font
- YPAO R.S.C. (Reflexed Sound Control) with 3D, multi-point and angle measurement
- High sensitivity YPAO microphone for more precise measurement
- Background Video feature (for Radio/USB/Bluetooth/AUDIONETAUX input)
- HD Audio decoding with CINEMA DSP HD3 (23 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Virtual Presence Speaker function for CINEMA DSP HD sound field vertically for more thrilling and realistic surround sound
- Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system
- YPAO Volume to ensure natural sounds even at low volume
- Extra Bass enriches the powerful bass sound even with small speakers
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**Video Features**
- Video signal control (Contrast, Brightness, Saturation)
- Resolution enhancement (detail and edge enhancement)
- Multi-cadence (incl. 3-2 pull-down) detection
- Motion adaptive and edge adaptive deinterlacing
- 4K video upscaling from analogue and HDMI input
- 4K60p 4:4:4 Pass through
- Versatile parameters can be stored into each SCENE
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**Surround Realism**
- 11-channel expandability
- Rear presence channel support for maximum 3D sound effect
- CINEMA DSP HD expands the sound field vertically for more thrilling and realistic surround sound
- HD Audio decoding with CINEMA DSP HD (23 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Virtual Presence Speaker function for CINEMA DSP HD sound field vertically for more thrilling and realistic surround sound
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**Versatile Zone Control**
- Advanced HDMI Zone Switching allows various input sources to be output via HDMI and enjoyed in different rooms
- Zone 2-3-4 on/off and control on front panel
- Zone GUI (song/station selection, album cover art display)
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- Party mode

**Advanced Features**
- Bluetooth for wireless music streaming (SBC/AAC)
- Network functions
  - Wi-Fi-Built-in (60GHz, 1167Mbps)
  - Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing, WPS etc.
- AirPlay® allows music streaming from Mac, PC, iPad, iPhone, iPad
- DLNA 1.5 certified
- Music playback with advanced settings including region
- Music files on PC/NAS: WAV, MP3, WMA, AIFF, MP4, FLAC, Apple Lossless, AIF, DSD
- Dolby Atmos® support
- 14-bit cross memost frame and rigid bottom frames and bottom construction
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
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**Eco-Friendly Design**
- Eco mode operation for about 20% less power consumption
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The RX-A3050 offered with black and titanium finish available in some areas.
AV Receiver
RX-A3050

CINEMA DSP HD³ and Dolby Atmos® for the Ultimate 3D Surround Sound

Dolby Atmos greatly improves the sound realism of moving objects, as well as providing a realistic sense of height and direction of motion. The powerful 9-channel amp allows you to create either a 7.2.2-channel or 5.2.4-channel system with just this one unit. It also supports 7.2.4 Dolby Atmos playback using an external power amp. In addition, YPAO 3D provides automatic sound parameter optimisation that maximises the 3D sound field effectiveness of the CINEMA DSP HD³ as well as Dolby Atmos.

Main Specifications
Audio Section
Rated Output Power (8 ohms, 20Hz-20 kHz, 0.09%THD, 2 ch driven)
Front L/R 150 W + 150 W
Centre 150 W
Surround L/R 150 W + 150 W
Surround Back L/R 150 W + 150 W
Maximum Effective Output Power (8 ohms, 1 kHz, THD=1%, 2 ch driven)
Front L/R 230 W + 230 W
Centre 230 W
Surround L/R 230 W + 230 W
Surround Back L/R 230 W + 230 W
Rated Output Power (4 ohms, 1 kHz, 0.9%THD, 1 ch driven [European Model])
Front L/R 150 W + 150 W
Centre 150 W
Surround L/R 150 W + 150 W
Surround Back L/R 150 W + 150 W
Dynamic Power (C/FR, Front L/R, 1kHz/2ohm) 175/220/250/410 W

Wireless Audio Streaming and Hi-Res Audio
Bluetooth support gives you the convenience of wireless music playback, while Wi-Fi Built-in improves installation flexibility. These two features provide easy access to countless music sources. In addition, compatibility with FLAC/WAV/AIFF 192kHz/24bit, Apple Lossless and DSD 2.8MHz/5.6MHz formats means that you can easily play high resolution audio from a networked NAS, PC or USB.

4K Ultra HD Full Support with 4K60p, HDCP2.2

This unit completely supports with the latest HDMI standards. It can perform 4K Ultra HD upscaling to boost a lower resolution image and support 4:4:4 video signal for more vibrant and life-like images, so you can fully enjoy the high definition video quality of 4K. It also adheres to the HDCP2.2 copyright protection standard for 4K video transmission. Multiple HDCP2.2 compliant inputs and outputs design (7 in / 2 out) is ready for future system expansion.

4K Ultra HD FULL SUPPORT
- 4K Video of 4K Formates per second support (4:4:4)
  - HCP 2.2 input / Output
  - 4K Upscale

European Model

4K Ultra HD compatible video source

General
Standby Power Consumption
HDMI Control off, Standby Through off 0.1 W
HDMI Standby Through on 1.4 W
Network Standby on 2.2 W (wired)
Dimensions (W x H x D)
[with antenna up: 435 x 257 x 474 mm]
"17-1/8" x 10-1/8" x 18-5/8"

Weight
19.6 kg; 43.2 lbs.

Extensive Connections
Input
HDMI (Audio Input Assignable)⁵, HDMI1-4 (HDCP1.3 compatible) 8
Network (Ethernet / Wi-Fi) 1 / 1
AirPlay 1
Radio Antenna*3 (FM / AM) 1 / 1
Optical Digital 3
Coaxial Digital 3
Analog Audio*1 (with Phono) 9
Component Video (Audio Input Assignable) 3
Component Video*2 5

Output
HDMI (HDCP2.2 compatible) 2 (Zone assignable)
Component Video Monitor 1
Component Monitor 1
Component Video Input Assignable 3
Component Video*2 5

Others
Zone 2 Audio Out with Volume and Zone Controls 1
Zone 3 Audio Out with Volume and Zone Controls 1
Remote (HDMI) 1 / 1
[10 cm long]
RS-232C 1
Terminal for Detachable Power Cable 1

**"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance. AirPlay®, iPad, iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
**"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. AirPlay®, iPad, iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Technical Data