

9.2ch AV Receiver with 11.2ch expandability and CINEMA DSP HD<sup>3</sup> for superb surround sound. Uncompromising construction including A.R.T. Wedge and Double Bottom Frame ensures optimal sound. Great flexibility with AirPlay, AV Controller App and multi-zone HDMI output.



Oil-Damped Hidden Control Panel  
Includes HDMI Input Terminal, USB port, Video Aux input terminals, Zone 2/Zone 3/Zone 4 switches, YPAO microphone jack, and more.

Full LED Backlight Learning and Preset Remote Unit



**Audio Features**

- 9-channel powerful surround sound  
2,070W = 230W x 9 (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])  
1,350W = 150W x 9 (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)  
2,070W = 230W x 9 (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
- HD Audio format decoding
- H-shape cross member frame and rigid bottom frame/double bottom construction
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- DAC on Pure Ground circuitry
- High speed thermal feedback power amplifier
- Ultra Low Jitter PLL circuitry helps optimise sound imaging
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce vibration
- Heavy legs to add more stability to the chassis
- High Resolution Music Enhancer further heightens musicality from the original content
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- Phono input for vinyl playback

**Video Features**

- 4K Pass-Through for next-generation super high resolution images
- 4K upscaling boosts lower resolution images to super high-definition resolution
- 4K / full HD 1080p video upscaling from analogue and HDMI input
- HDMI: 8 inputs (1 on front) and 2 outputs (assignable for zone) with 3D and Audio Return Channel
- Analogue to analogue video upconversion
- HQV high-class chipset "VHD1900" for HD/SD Video
- Variable video adjustment functionality
  - Auto noise reduction (mosquito, block and temporal noise) with customisation capability
  - Auto resolution enhancement (detail and edge enhancement) with customisation capability
  - Auto contrast enhancement
  - Video signal control (Contrast, Brightness, Saturation)
  - 6 preset memories

**Advanced Features**

- SCENE PLUS - simple and versatile functionality
  - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
  - 12 SCENE choices (4 on front panel and others on GUI)
  - Zone SCENE - 4 SCENE buttons for Zone 2/Zone 3/Zone 4
  - Versatile parameters can be stored into each SCENE
- Network functions
  - AirPlay allows music streaming from iPad, iPhone, iPod touch, Mac, PC
  - AV Controller app for operating various functions from an iPod, iPhone, iPad or Android phones/tablets
  - Access to: Internet Radio (vTuner): MP3, WMA  
Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC
  - Web Browser Control via PC or Tablet
  - Receiver Manager through network connection
  - DLNA 1.5 certified

- Front panel USB Digital Connection for iPod, iPhone, iPad and USB device
- Charging of iPod, iPhone and iPad via USB when AV Receiver is off
- HDMI front panel input for devices such as camcorders and digital cameras
- HDMI CEC with versatile control from AV Receiver remote control
- Ability to change HDMI input while in Standby Through mode
- YPAO-R.S.C. (Reflected Sound Control) with multi-point and angle measurement
- New design YPAO microphone for more precise measurement
- Ability to store and choose between two speaker setting patterns
- Advanced multi-language GUI on-screen display with album art (English, German, French, Spanish, Russian, Chinese and Japanese)
- Audio Delay for adjusting Lip-Sync (0-500 ms)
- Macro, Learning and preset capable remote unit
- Background Video feature (for tuner and Net)

**Surround Realism**

- CINEMA DSP HD<sup>3</sup> expands the sound field vertically for more thrilling and realistic surround sound
- HD Audio decoding with CINEMA DSP HD<sup>3</sup> (23 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Dialogue Lift ensures that dialogue comes from the centre of the screen
- Virtual dialogue lift even without use of presence speakers
- Dialogue Level Adjustment for proper sound balance with dialogue and vocals
- Virtual Presence Speaker function for CINEMA DSP HD<sup>3</sup> surround without Front Presence Speakers
- Channel expandability with external amplifier (11-channel expandability, bi-amping)
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level

**Versatile Zone Control**

- Zone HDMI ensures flexible multi-room AV configuration
- Zone 2/3/4 on/off and control on front panel
- Zone GUI (song/station select, album cover art display, Zone tone controls/Zone balance, short message)
- Zone 2/3 video assign (Component, S-Video, Composite)
- System Backup / Recovery function
- Zone mono, Zone volume, tone controls and balance
- Party mode

**Eco-Friendly Design**

- ECO mode operation for about 20%\* less power consumption  
\* Compared to power consumption when ECO mode is off (Yamaha measurement).
- Auto power down function with variable time setting
- Low standby power consumption of 0.3W



The RX-A3020 offered with black, titanium and gold finish available in some areas.

