This 9.2-channel AV Receiver features Dolby Atmos® and DTS:X™ for surround sound realism. Experience movies in stunning 4K Ultra HD and high dynamic range (HDR). In addition, Hybrid Log-Gamma and Dolby Vision™ compatibility provide incredible contrast, smooth tone, and rich, bright colors. The free MusicCast app makes it easy to access your music library and streaming music services. Connect wirelessly via Wi-Fi®, Bluetooth®, and AirPlay® wireless connectivity. A phono input for vinyl playback, advanced HDMI® zone switching and Zone 2/3 control options provide added system versatility.

**Video Features**
- 4K video upscaling from analog and HDMI input
- Latest HDMI (8 in / 2 out) with 4K Ultra HD

**Audio Features**
- 9-channel powerful surround sound
- 140 W per channel (8 ohms, 20 Hz - 20 kHz, 0.06% THD, 2-ch driven)
- 220 W per channel (8 ohms, 1 kHz, 10% THD, 1-ch driven)
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Rigid chassis with additional bottom frames
- H-shaped cross frame for additional chassis rigidity
- Two ESS® SABRE™ 9006AS 8-channel DACs featuring true professional digital audio quality
- High-speed thermal feedback power amplifier
- High-quality volume IC and independent pure power supply
- Ultra low-jitter PLL circuitry helps optimize sound imaging
- Extra 2ch foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce vibration
- Advanced design feet enhance strength and vibration resistance
- High-resolution Music Enhancer further heightens musicality from the original content
- DSD 2.8 MHz / 5.6 MHz direct playback, FLAC or WAV 192 kHz / 32-bit, Apple® Lossless audio playback
- Compressed Music Enhancer for Bluetooth
- Promo input for vinyl playback

**Video Signal Control**
- Contrast, brightness, saturation
- Resolution enhancement (detail and edge enhancement)
- Motion-adaptive and edge-adaptive deinterlacing
- Video signal control

**Audio Signal Control**
- Volume controls (front, center, rear,_relations, subwoofer)
- Delay control (front, center, rear,_relations, subwoofer)
- Easy EQ (one-touch sound optimization)
- YPAO®-R.S.C. sound optimization with 7.1 ch.
- 3D and angle measurement
- 3D and angle measurement

**Audio Features**
- Phono input for vinyl playback
- Compressed Music Enhancer for Bluetooth
- Advanced design feet enhance strength and vibration resistance
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce vibration
- Ultra low-jitter PLL circuitry helps optimize sound imaging
- High-quality volume IC and independent pure power supply
- High-speed thermal feedback power amplifier
- Advanced design feet enhance strength and vibration resistance
- High-resolution Music Enhancer further heightens musicality from the original content
- DSD 2.8 MHz / 5.6 MHz direct playback, FLAC or WAV 192 kHz / 32-bit, Apple® Lossless audio playback
- Compressed Music Enhancer for Bluetooth
- Promo input for vinyl playback

**Surround Reality**
- Dolby Atmos and DTS:X with CINEMA DSP HD video
- CINEMA DSP HD with Rear Virtual Presence Speaker
- Enhanced CINEMA DSP Program (Total 44 DSP programs)
- Rear presence channel support for maximum 3D sound effect
- Compressed Music Enhancer with CINEMA DSP
- Dialogue Lift ensures that dialogue comes from the center of the screen
- Dialogue Level Adjustment for proper sound balance with dialogue and vocals
- Virtual Presence Speaker function for CINEMA DSP 3D sound without front presence speakers
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- 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
- Zone Extra Bass for more powerful bass sound in another room
- Zone Volume Equalizer for optimum sound balance in another room
- Extra Bass enriches the powerful bass sound even with small speakers
- Silent Cinema® to enjoy surround sound with headphones

**Advanced Zone Control**
- Pre out terminal for Zone 2 with volume 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)
- Zone 2 / 3 / 4 on / off and control on front panel
- Zone Volume, Zone mute, Zone tone controls, Zone balance, Zone audio delay and Party Mode

**Eco-Friendly Design**
- Eco mode operation for about 20% less power consumption
- Eco mode operates when ECO mode is off (Yamaha measurement)
- Auto Power Standby function with variable time setting
- Yamaha Eco-Label is a mark that certifies products of high environmental performance.
AV Receiver
RX-A2070

CINEMA DSP HD™ with Rear VPS (Virtual Presence Speaker)
Three Yamaha high-performance DSPs achieve high speed and large capacity audio signal processing. By using front, center and surround speakers to create a rear virtual speaker, CINEMA DSP HD™ can produce 11.1 channels, even with a 7.1-channel speaker configuration. The total reproduction of spatial data, including the vertical axis, helps create an overwhelmingly realistic sound field.

Main Specifications
Audio Section
Rated output power (8 ohms, 20 Hz - 20 kHz, 0.08% THD, 2-ch driven)
Front L / R 140 W + 140 W
Center 140 W
Surround L / R 140 W + 140 W
Surround back L / R 140 W + 140 W
Front presence L / R 70 W + 70 W

Rated output power (8 ohms, 1 kHz, 0.9% THD, 2-ch driven)
Front L / R 155 W + 155 W
Center 220 W
Surround L / R 220 W + 220 W
Surround back L / R 220 W + 220 W
Front presence L / R 140 W + 140 W

Maximum effective output power (8 ohms, 1 kHz, 10% THD, 1-ch driven)
Front L / R 140 W + 140 W
Center 140 W
Surround L / R 140 W + 140 W
Surround back L / R 140 W + 140 W
Front presence L / R 70 W + 70 W

New CINEMA DSP Program, Dolby Atmos® and DTS:X™ with CINEMA DSP HD™
This receiver offers the new enhanced CINEMA DSP sound field program, featuring a new sound field processing algorithm that increases the sound source motion tracking and spatial representation power of the latest formats, including 3D surround. It also supports Dolby Atmos and DTS:X playback with CINEMA DSP HD™, taking the surround sound experience to new heights.

YPAO™ R.S.C. with Precision EQ, Angle Measurement and YPAO 3D
YPAO® R.S.C. analyzes the room acoustics with the included YPAO microphone to tune your system for the best sound in your room. It employs Y.S.C. (Reflected Sound Control) to correct early reflections for studio-quality surround sound, and also 64-bit operation precision EQ and angle measurement for greater accuracy. YPAO 3D maximizes the 3D sound field effectiveness with Dolby Atmos and DTS:X.

General
Standby power consumption
HDMI control off, Standby Through off 0.1 W
HDMI control on, Standby Through on, Network Standby 0.7 W
off, Network Standby 0.3 W (wireless)
Dimensions (W x H x D)
17-1/8" x 7-1/2" x 18-5/8" (with antenna up)
17-1/8" x 9-3/4" x 18-5/8" (without)
Weight
37.5 lbs.

Other
Zone 2 audio out with volume and tone controls 1
Zone 3 audio out with volume and tone controls 1
Remote IR port 1
12 V, 300mA trigger output 2
RS-232C* 1
terminal for detachable power cable 1

Extensive Connections
Inputs
HDMI (audio input assignable)**, HDCP 1.4, 2.2 (compatible) 8
Network (Ethernet) / Wi-Fi™ 1 / 1
USB* 1
Radio antenna (FM / AM) 1 / 1
Coaxial digital 3
Optical digital 3
Analog audio* (with phone) 3
Component video (audio input assignable) 2
Composite video* 2

Outputs
HDMI (HDCP 2.2 compatible) 2 (zone assignable)
Pre out 7.2 ch
Subwoofer 90 W or 110 W
Speaker 90 W or 110 W
Headphone jack** 1

Others
Zone 2 audio out with volume and tone controls 1
Zone 3 audio out with volume and tone controls 1
Remote IR port 1
12 V, 300mA trigger output 2
RS-232C* 1
terminal for detachable power cable 1

* Including front panel terminals.
** Front HDMI Input is not assignable.
*** Assignable for surround back L / R to Zone 2.
**** Assignable for front presence L / R to bi-amp (front L / R) or Zone 2.

Products and specifications are subject to change without notice.

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