

Premium Quality Audio Performance combines with the latest technological advances, including iPhone app compatibility, network functionality, front panel HDMI and USB digital connections, HD Audio decoding with CINEMA DSP 3D, and 6 in/1 out HDMI (3D and ARC compatibility)



Audio Features

- 7-channel powerful surround sound
 1,050W = 150W x 7 (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])
 630W = 90W x 7 (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)
 1,050W = 150W x 7 (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Discrete amp configuration
- Selected high quality parts to achieve optimum audio performance
- Pure Direct for HD Audio and video enjoyment
- Low jitter PLL circuitry helps optimise sound imaging
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce Vibration
- Detachable Power Cable for easier installation (also allows cable upgrade)
- Assignable amplifiers for bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2

Video Features

- Analogue and HDMI video upscaling to full HD 1080p
- 1080p-compatible HDMI: 6 inputs (1 on front) and 1 output
- Supports Deep Colour (30/36 bit), x.v.Colour, 24Hz Refresh Rate and Auto Lip-Sync compensation
- High quality video processing with precise deinterlacing
 - Motion adaptive and edge adaptive deinterlacing
 - Multi-cadence (incl. 3-2 pull-down) detection
- HDMI with 3D and Audio Return Channel

Advanced Features

- SCENE buttons (BD/DVD, TV, CD and Radio)
 - Quick and simple to use
 - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
- Network functions
 - AV Controller app for operating various functions from an iPhone or iPad, etc.
 - Android app available in the coming months
 - Access to: Internet Radio (vTuner): MP3, WMA
 Music files on PC: WAV, MP3, WMA, AAC, FLAC
 - DLNA 1.5 certified

- Front panel USB Digital Connection for iPod and iPhone
- Advanced multi-language GUI on-screen display with album art
- HDMI CEC with versatile control from AV Receiver remote control
- YPAO sound optimisation for automatic speaker setup
- Audio input assign capability for HDMI and component video input
- Ability to change HDMI Input while in Standby Through mode
- iPod/iPhone compatibility with optional YDS-12 Universal Dock
- Wireless connection for iPod/iPhone with optional YID-W10
- iPod/iPhone song titles displayed in English and Western European languages on the front panel and on-screen display
- Dialogue Lift
- Audio Delay for adjusting Lip-Sync (0-250ms)
- Preset remote unit
- Background video feature (for tuner, Net and USB)

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Virtual Presence Speaker function for CINEMA DSP 3D surround without Front Presence Speakers
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level
- SILENT CINEMA and Virtual CINEMA DSP

Versatile Zone Control

- Zone 2 on/off and control on front panel
- Zone sleep and system sleep
- Remote input/output
- Programmable +12V trigger output

Eco-Friendly Design

- Auto power down function with variable time setting
- Low Standby Power Consumption of 0.1W
- Low Standby Power Consumption of 2.0W (HDMI Standby Through mode)

A.R.T. Wedge Helps to Ensure that Vibrations Do Not Affect Sound Quality

The A.R.T. (Anti-Resonance Technology) Wedge is a fifth foot in the centre of the unit. It dampens vibrations from the power transformer, power transistors and heat sinks, as well as vibrations that might be caused by the sound from the speakers.



Network Functions, iPhone App & Web Browser Control

Various network functions enhance operation. The Yamaha AV Controller app (from iTunes App Store) lets you control power on/off, volume, input and DSP mode selection, and more from your iPhone.

You can also operate various functions via the built-in Web Browser Control.



On-Screen Advanced GUI (Graphical User Interface)

Yamaha's latest Graphical User Interface has a high resolution display with clear, easy-to-use menus and also includes a selectable Status Bar that shows input source, volume level, DSP mode and audio format. The GUI can be displayed over both normal and 3D pictures.



Main Specifications

Audio Section

Rated Output Power (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])	
Front L/R	150 W/ch
Centre	150 W
Surround L/R	150 W/ch
Surround Back L/R	150 W/ch
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)	
Front L/R	90 W + 90 W
Centre	90 W
Surround L/R	90 W + 90 W
Surround Back L/R	90 W + 90 W

Maximum Effective Output Power (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)	
Front L/R	150 W/ch
Centre	150 W
Surround L/R	150 W/ch
Surround Back L/R	150 W/ch
Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	130/170/200/240 W
General	
Standby Power Consumption	
HDMI Control off, Standby Through off	0.1 W
HDMI Control on, Standby Through on	2.0 W
Dimensions (W x H x D)	435 x 161 x 367 mm
Weight	10.7 kg

Optional Accessories

Universal Dock for iPod/iPhone
YDS-12

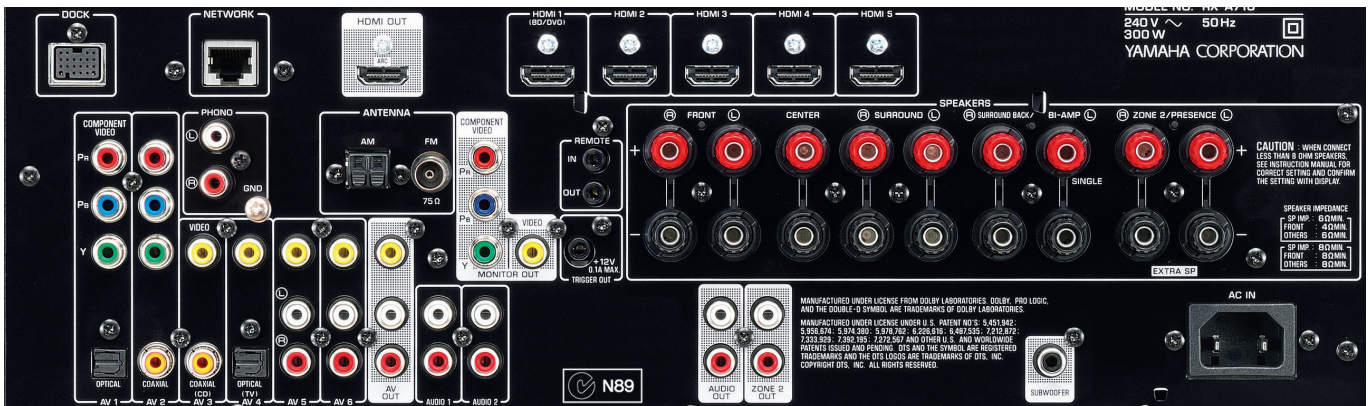


iPhone not included

Wireless Dock System for iPod/iPhone
YID-W10



iPhone not included



Extensive Connections

Inputs	Outputs	Others
HDMI*1 (Audio Input Assignable*2)	HDMI	Zone 2 Audio Out
Network	Analogue Audio	Remote In/Out
USB*1	Analogue AV	+12V/0.1A Trigger Out
Radio Antenna (FM/AM)	Component Video Monitor	Terminal for Detachable Power Cable
Dock Terminal for Optional Dock Accessories	Composite Monitor	
Optical Digital	Composite AV	
Coaxial Digital	Speaker (without subwoofer)*3/4	
Analogue Audio*1 (with Phono)	Subwoofer	
Component Video (Audio Input Assignable)	Headphone Jack	
Composite Video*1		

*1 Including front panel terminals.
*2 Front HDMI input is not assignable.

*3 Assignable for surround back L/R to bi-amp (front L/R).
*4 Extra speaker terminals are assignable to Zone 2 or Presence.

• "Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, 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, iPhone, may affect wireless performance. iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. • The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS and the Symbol are registered trademarks and the DTS logos are trademarks of DTS, Inc. • Windows is a registered trademark of Microsoft Corporation in the United States and other countries. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • DLNA Certified is a trademark of the Digital Living Network Alliance. • Burr-Brown products are trademarks of Texas Instruments, Inc. • "xvColour" is a trademark of Sony Corporation. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Product designs and specifications are subject to change without notice.