




## Home Audio

2018-19 Autumn Catalogue



# True Sound

At Yamaha, we bring you closer to the artist.

Closer to their expression, their energy, their passion.

130 years of making music.

Partners to the most iconic artists.

Sound for the world's biggest stages.

Who better to understand sound as it was meant to be heard.

Who better to bring you True Sound.

From our speakers to soundbars, we work tirelessly to create it. Because when you feel the impact of True Sound, you can make a statement with your music.

You can transform a vibe. Control a room.

Create and share new moments.

We bring you closer to the artist.

So that you can hear their story.

You feel their waves. You make your own





## AVENTAGE

Since 2010, AVENTAGE has set the standard for home entertainment. A standard that has continually evolved through a legacy of tradition and expertise in sound reproduction. A legacy that continues to deliver in-home entertainment like no other.

Yamaha, the world's largest sound company, draws inspiration from over 100 years of sound creation and sound reproduction on the ultimate search of 'True Sound' – honest and faithful audio that evokes emotion. An authenticity that captivates the soul. An authenticity that is imbued in AVENTAGE Series 8.

AVENTAGE epitomises the pinnacle in home entertainment engineering for audio and video sources, with a dedication to craftsmanship and design reflective of this award-winning series. Every facet, down to individual componentry, layout and signal path has been tested to ensure peak performance.

Series 8 reflects the culmination of previous generations' expertise and craftsmanship, while converging the latest in functionality, design and performance.



SURROUND: *ai*

SURROUND:AI, Yamaha's exclusive technology, immerses audiences in movies by intelligently tailoring the audio in real time, delivering a true cinematic experience in any home theatre or lounge room.

Utilising Yamaha's engineers' years of experience in understanding acoustic environments through designing concert halls across the globe, SURROUND:AI was developed. Adapting to a movie's soundtrack in real-time, SURROUND:AI establishes a new benchmark for a cinematic experience in the home - continuously monitoring and optimising sound for the most immersive movie experience possible.

Experience sound as if a Yamaha engineer tuned it especially for you.



**MusicCast**  
SURROUND

Wireless surround, in the most flexible way possible. MusicCast SURROUND transforms your multi-room MusicCast speakers into new wireless surround speakers, delivering immersive surround sound.

Pair with your AVENTAGE Receiver and separate speakers for dramatic surround sound without running speaker cables.

Transform your living room into an environment offering the best of surround sound with the convenience of accessing any source of music you choose.

MusicCast SURROUND. Less is More.

# AVENTAGE

## Superior Construction & Craftsmanship

AVENTAGE receivers are designed to deliver superior performance in every facet of home entertainment. Harmonising traditional craftsmanship with cutting-edge technologies, all aspects are considered with one overarching ambition - delivering optimal performance. As a result, all AVENTAGE models possess the ability to reproduce the most subtle nuances afforded by high-resolution audio sources so audiences can enjoy a truly world-class aural experience at home.

Yamaha's trademark sound is reflective of unmatched circuit designs, hand-picked components and the most exhaustive testing, enhancing the acclaimed AVENTAGE legacy.

## Precise YPAO™ Calibration

YPAO (Yamaha Parametric room Acoustic Optimiser) automatically calibrates the system taking into account speaker capacity and room characteristics to deliver optimal audio in any environment. Featured on the RX-A880 and above is Reflected Sound Control to negate the effects of early reflections from nearby surfaces that can negatively influence the sound field, and Multi-point Measurement which optimises the audio in multiple listening positions, creating a wider 'sweet spot' to accommodate larger audiences. The RX-A1080 and above incorporate precision EQ with the RX-A3080 supporting High-precision EQ offers perfectly calibrated and superbly balanced sound from any and every source.

## Superb Audio Design and Ultra Low Jitter Circuitry

AVENTAGE Series 8 receivers are based on Yamaha's Total Purity Concept and have fully discrete power amplifiers, independent analogue and digital power supplies, and a high-quality volume control IC. Ultra low jitter PLL circuitry eliminates jitter in the digital stages for purity of signal. The result is absolute integrity and transparency in the audio.

## True Cinema Sound and Vision

Supporting the latest sound formats such as Dolby Atmos® and DTS:X™, AVENTAGE Series 8 receivers deliver cinema-quality surround sound in the home while HDR (High Dynamic Range) support (Dolby Vision™, HDR10 and HLG) offers the latest in picture technology.



## High-performance ESS DACs (RX-A1080 & above)

Renowned for their superior performance and capacity, the AVENTAGE RX-A1080 and above employ ESS SABRE™ DACs. A single DAC for the RX-A1080, dual for the RX-A2080 and dual again with an upgraded DAC in the RX-A3080 ensure superior signal-to-noise ratio and complement other hand-selected components to deliver audio worthy of the AVENTAGE badge.

## A.R.T. Wedge

Exclusive to AVENTAGE since its inception is the A.R.T. (Anti Resonance Technology) Wedge. This 'fifth leg', located in the centre of the receiver footprint, stabilises the chassis by supporting the power transformer, transistors and heat sinks to reproduce audio with utmost accuracy.



## All Your Audio

Support for streaming services is incorporated in the MusicCast range, offering access to millions of tracks from the world's biggest artist. However MusicCast is more than streaming services, giving users the ability to share any audio, which means all your audio, to any MusicCast device. Share TV audio from your AVENTAGE receiver to the kitchen. Share your vinyl collection to any MusicCast device. Share more than just streaming services anywhere in the home. Share all your audio. Anywhere. The ultimate in flexible, wireless sound for your home and your lifestyle.

## MusicCast

Welcome to a new frontier in multi-room audio. Yamaha's MusicCast technology makes it easier than ever to share audio throughout the home.

Choose to start with one speaker or an entire whole-of-home solution, and manage it all through the easy-to-use MusicCast app.

An AVENTAGE AV receiver unlocks a range of entertainment options when connected to the MusicCast system. For example, CDs, TV sound and even vinyl records can be streamed wirelessly to other MusicCast models using the intuitive app interface.

## Alexa Voice Control

Say the words and you shall hear! MusicCast integration across all AVENTAGE models means Amazon's Alexa voice service allows you to listen to your favourite tunes just by saying the word\*. Freely control all the AVENTAGE MusicCast devices in your home without touching anything. Request your favourite playlist, change input or adjust the volume at your command!

\* Voice control service varies by region. Please check locally whether the service is available in your region.



## Flagship

Yamaha's history is steeped in award-winning tradition, unsurpassed quality and effortlessly enveloping listeners with an audio soundfield unlike any other. Capturing the essence of movies and music alike, to deliver an in-home experience in the home without peer.

Inheriting the term 'flagship' reflects an approach, without limitations, to surpass expectations in every facet. Craftsmanship, components, design, layout. Ultimately, it represents the aim of delivering an unmatched experience for the listener. An experience that draws emotion from listeners beyond what the content itself can deliver. An indescribable feeling that reaches into the subconscious.

Launching alongside AVENTAGE Series 8 and renewing the legacy of excellence established through previous legends including the MX-A5000 and CX-A5100, the new AVENTAGE separate components present a new era in home entertainment (or 'present home entertainment redefined' or 'represent the Mount Everest of in-home entertainment' or 'establish a new benchmark in home entertainment').

Supreme flexibility, absolute dedication to purity of sound and adaptable to the most demanding environments, Yamaha's new AVENTAGE Separate Components have arrived.





## AVENTAGE Separate Components



Titanium finish available.



Titanium finish available.

### CX-A5200

Seeking the pinnacle in home entertainment requires no further investigation than the AVENTAGE CX-A5200. Dual ESS SABRE 9026PRO DACs and fully balanced connectivity reflect an unyielding approach to ensuring authenticity in sound reproduction. Featuring Yamaha's exclusive SURROUND:AI technology, as well as CINEMA DSP HD<sup>3</sup> (which is compatible with Dolby Atmos and DTS:X), it offers immersive surround experience from movies. The AVENTAGE CX-A5200 flagship AV pre-amplifier sets the tone and benchmark for true home entertainment.

### MX-A5200













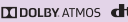




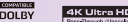





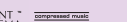
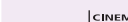













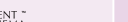



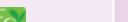

















Paired with the CX-A5200, the AVENTAGE AV power-amplifier offers enormous power, transparent, accurate sound and build quality reflective of its flagship status.

Adopting balanced XLR connectivity for all 11-channels, BTL (Bridge-Tied Load) connection, AVENTAGE dedication to craftsmanship, components and design and complete flexibility for all 11 amplifier channels, the MX-A5200 delivers effortless, accurate and emotion-evoking home entertainment.



		RX-A3080	RX-A2080
<b>Power Amplifier</b>		<b>9.2 ch</b> <b>230 W per Channel</b> (4 ohms, 1 kHz, 0.9% THD, 1-ch driven) <b>150 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)	<b>9.2 ch</b> <b>220 W per Channel</b> (4 ohms, 1 kHz, 0.9% THD, 1-ch driven) <b>140 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)
<b>HDMI Functions</b>	HDMI®	<b>7 in / 3 out</b>	
	HDCP2.2	● (7 in / 3 out assignable for zone)	
	4K Ultra HD Pass-Through and upscaling	● (from analogue and HDMI input)	
	HDR (Dolby Vision / HLG / HDR10)	●	
	4K60p 4:4:4 / BT.2020	● / ●	
<b>Audio Features</b>	Anti Resonance Construction	Double bottom / H-shaped cross member frame / Rigid bottom frame	
	DAC	ESS SABRE DAC ES9026PRO and SABRE DAC ES9007S	
	XLR Terminal	●	
	High-resolution Music Enhancer	●	
<b>Network Functions</b>	Wi-Fi Network Built-in		
	Bluetooth®		
	App (MusicCast / AV Controller / AV Setup Guide)	● / ● / ●	
	AirPlay® / Internet Radio	● / ●	
	Streaming Service		
	Hi-Res Audio Format	FLAC / WAV / AIFF / Apple® Lossless / DSD direct playback	
<b>Sound field functions</b>	SURROUND:AI	●	
	CINEMA DSP	CINEMA DSP HD <sup>3</sup> (24 DSP Programmes)	
	YPAO Auto Setup	● (3D, 64-bit high precision EQ calculation / Speaker angle / R.S.C. with Multi-point measurement)	
	YPAO Volume	●	
	Virtual Presence / Surround Back Speaker	● / ●	
<b>Ease of use</b>	USB Digital Connection	● (USB Memory)	
	Phono	●	
	Multi-Language on-screen display	Advanced GUI (HD Display) (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	
	SCENE	● (SCENE PLUS, Content Preset)	
	Yamaha Original Video Processing	● (Adjustable)	
	Zone control	● (Zone2 / 3 / 4)	
	HDMI Zone Switching	● (Advanced)	
	<b>Step-up Features and General Information</b> All functions on lower models are also on higher models.		<ul style="list-style-type: none"> <li>XLR input and output terminals for low noise signal transmission</li> <li>11.2-channel expandability</li> <li>Gold plated speaker terminals</li> <li>Heavy legs to add more stability to the chassis</li> <li>Extra-large block capacitors</li> <li>Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.5 W (HDMI Control, Standby Through, Network Standby [Wireless] ON)</li> <li>Dimensions (W x H x D): 435 x 192 x 474 mm, 435 x 269 x 474 mm (with antenna up)</li> <li>Weight: 19.6 kg</li> </ul>
Compatible with all models  		<ul style="list-style-type: none"> <li>Zone Extra Bass for more powerful bass sound in another room (Zone2 and 3)</li> <li>Zone Volume Equaliser for optimum sound balance in another room (Zone2 and 3)</li> <li>Zone GUI (song / station selection, album cover art display, etc)</li> <li>High current drive power transformer</li> <li>High-resolution Music Enhancer</li> <li>Standby Power Consumption: 0.1 W (HDMI Control, Standby Through, Network Standby Off), 2.5 W (HDMI Control, Standby Through, Network Standby [Wireless] ON)</li> <li>Dimensions (W x H x D): 435 x 192 x 474 mm, 435 x 269 x 474 mm (with antenna up)</li> <li>Weight: 17 kg</li> </ul>	
All AVENTAGE receivers are available in Titanium finish.		  	



		
<p><b>7.2 ch</b> <b>170 W per Channel</b> (4 ohms, 1 kHz, 0.9% THD, 1-ch driven)</p> <p><b>110 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)</p>	<p><b>7.2 ch</b> <b>160 W per Channel</b> (4 ohms, 1 kHz, 0.9% THD, 1-ch driven)</p> <p><b>100 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)</p>	<p><b>7.2 ch</b> <b>115 W per Channel</b> (6 ohms, 1 kHz, 0.9% THD, 1-ch driven)</p> <p><b>80 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)</p>
<p><b>7 in / 3 out</b></p> <p>(7 in / 3 out assignable for zone)</p> <p>(from analogue and HDMI input)</p>	<p><b>7 in / 2 out</b></p> <p>(7 in / 2 out assignable for zone)</p> <p>(from analogue and HDMI input)</p>	<p><b>4 in / 1 out</b></p> <p>(4 in / 1 out)</p> <p>(from HDMI input)</p>
<p>H-shaped cross member frame / Rigid bottom frame</p>	<p>-</p>	<p>-</p>
<p>ESS SABRE ES9007S x 1</p>	<p>Burr-Brown PCM5102A x 4 (for main Zone)</p>	<p>Burr-Brown PCM5101A x 4 (for main Zone)</p>
<p>WiFi CERTIFIED  </p> <p>Bluetooth </p>	<p>WiFi CERTIFIED  </p> <p>Bluetooth </p>	<p>WiFi CERTIFIED  </p> <p>Bluetooth </p>
<p>FLAC / WAV / AIFF / Apple Lossless / DSD direct playback</p>	<p>FLAC / WAV / AIFF / Apple Lossless / DSD</p>	<p>FLAC / WAV / AIFF / Apple Lossless / DSD</p>
<p>CINEMA DSP HD<sup>3</sup> (24 DSP Programmes)</p> <p>(64-bit precision EQ calculation / R.S.C. with Multi-point measurement)</p>	<p>CINEMA DSP 3D (17 DSP Programmes)</p> <p>(R.S.C. with Multi-point measurement)</p>	<p>CINEMA DSP 3D (17 DSP Programmes)</p>
<p>(USB Memory)</p>	<p>(USB Memory)</p>	<p>(USB Memory)</p>
<p>Advanced GUI (HD Display)</p> <p>(English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>	<p>Advanced GUI (HD Display)</p> <p>(English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>	<p>Colour OSD</p> <p>(English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>
<p>(SCENE PLUS, Content Preset)</p>	<p>(SCENE PLUS, Content Preset)</p>	<p>(Speaker Zone B)</p>
<p>(Zone2)</p>	<p>(Zone2)</p>	<p>(Advanced)</p>
<ul style="list-style-type: none"> <li>• Dolby Atmos and DTS:X playback with CINEMA DSP HD<sup>3</sup></li> <li>• CINEMA DSP HD<sup>3</sup> with Rear VPS (Virtual Presence Speaker)</li> <li>• High speed thermal feedback power amplifier and Ultra Low Jitter PLL circuitry</li> <li>• System Backup and Recovery function</li> <li>• Standby Power Consumption: 0.1 W / 2.5 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>• Dimensions (W x H x D): 435 x 182 x 439 mm, 435 x 259 x 439 mm (with antenna up)</li> <li>• Weight: 14.9 kg</li> </ul>	<ul style="list-style-type: none"> <li>• Zone Extra Bass for more power ful bass sound in another room</li> <li>• Zone Volume Equaliser for optimum sound balanc in another room</li> <li>• Zone mono, Zone volume, Zone tone controls and Zone balance etc</li> <li>• Party mode</li> <li>• Phono input for vinyl playback</li> <li>• 7.2-channel Preout terminals</li> <li>• Standby Power Consumption: 0.1 W / 2.0 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>• Dimensions (W x H x D): 435 x 171 x 382 mm, 435 x 248 x 382 mm (with antenna up)</li> <li>• Weight: 11 kg</li> </ul>	<ul style="list-style-type: none"> <li>• DAB/DAB+ tuner for enjoying high quality digital radio broadcasts</li> <li>• Anti Resonance Technology (A.R.T.) Wedge</li> <li>• Standby Power Consumption: 0.1 W / 2.2 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>• Dimensions (W x H x D) 435 x 161 x 330 mm, 435 x 235.5 x 330 mm (with antenna up)</li> <li>• Weight: 8.3kg</li> </ul>
<p>    </p> <p>   </p> <p>   </p> <p>  </p>	<p>    </p> <p>  </p> <p>   </p> <p>   </p>	<p>   </p> <p>   </p> <p>   </p> <p>   </p>

\* Streaming service availability varies by regions.



		RX-V685	RX-V585
<b>Power Amplifier</b>		<b>7.2 ch</b> <b>150 W per Channel</b> (4 ohms, 1 kHz, 0.9% THD, 1-ch driven) <b>90 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2-ch driven)	<b>7.2 ch</b> <b>115 W per Channel</b> (6 ohms, 1 kHz, 0.9% THD, 1-ch driven) <b>80 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)
<b>HDMI Functions</b>	HDMI	<b>5 in / 2 out</b> (HDMI front input)	<b>4 in / 1 out</b>
	HDCP2.2	● (5 in / 2 out)	● (4 in / 1 out)
	4K Ultra HD Pass-Through and Upscaling	● (from analogue and HDMI input)	● (from HDMI input)
	HDR (Dolby Vision / HLG / HDR10)	●	●
	4K60p 4:4:4 / BT.2020	● / ●	● / ●
<b>Network Functions</b>	Wi-Fi Network Built-in		
	Bluetooth		
	App (MusicCast / AV Controller / AV Setup Guide)	● / ● / ●	● / ● / ●
	AirPlay / Internet Radio	● / ●	● / ●
	Streaming Service		
	Hi-Res Audio Format	FLAC / WAV / AIFF / Apple Lossless / DSD	FLAC / WAV / AIFF / Apple Lossless / DSD
<b>Sound field functions</b>	CINEMA DSP	● (3D, 17 DSP Programmes)	● (3D, 17 DSP Programmes)
	HD Audio Format Decoding	●	●
	YPAO Auto Setup	● (R.S.C.)	●
	YPAO Volume	●	-
	Dialogue Lift / Dialogue Level Adjustment	● / ●	● / ●
	Virtual Presence / Surround Back Speaker	● / ●	● / ●
	Virtual CINEMA FRONT	●	●
	Extra Bass	●	●
<b>Ease of use</b>	USB Digital Connection	● (USB Memory)	● (USB Memory)
	Phono	●	-
	Multi-Language on-screen display	Advanced GUI (HD Display) (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)	Colour OSD (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)
	SCENE	● (SCENE PLUS)	●
	Zone control	● (Zone 2)	● (Speaker Zone B)
<b>Step-up Features and General Information</b> All functions on lower models are also on higher models.		<ul style="list-style-type: none"> <li>Intelligent power amplifier assignability</li> <li>Zone Extra Bass for more power ful bass sound in another room</li> <li>Zone Volume Equaliser for optimum sound balance in another room</li> <li>Versatile Zone control such as Zone mono, Zone volume, Zone tone controls, etc. and Party mode</li> <li>Phono input for vinyl playback</li> <li>Pure Direct and Low Jitter PLL circuitry</li> <li>YPAO R.S.C (Reflected Sound Control)</li> <li>High quality video processing</li> <li>Analogue to HDMI upconversion</li> <li>SCENE buttons with the ability to preset songs and stations</li> <li>Standby Power Consumption: 0.1 W / 1.9 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>Dimensions (W x H x D): 435 x 171 x 378 mm, 435 x 248 x 378 mm (with antenna up)</li> <li>Weight: 10.5 kg</li> </ul>	
  		<ul style="list-style-type: none"> <li>Easy Wi-Fi Setup with iOS Share, WPS, PIN</li> <li>CINEMA DSP 3D for immersive surround sound realism</li> <li>Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system</li> <li>Triggered Auto Playback with MusicCast devices</li> <li>Two subwoofer outputs (simultaneous outputs)</li> <li>Standby Power Consumption: 0.1 W / 2.2 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>Dimensions (W x H x D): 435 x 161 x 327 mm, 435 x 235.5 x 327 mm (with antenna up)</li> <li>Weight: 8.1 kg</li> </ul>	



RX-V485	RX-V385	RX-S602
<p><b>5.1 ch</b> <b>115 W per Channel</b> (6 ohms, 1 kHz, 0.9% THD, 1-ch driven)</p> <p><b>80 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)</p>	<p><b>5.1 ch</b> <b>100 W per Channel</b> (6 ohms, 1 kHz, 0.9% THD, 1 ch driven)</p> <p><b>70 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2 ch driven)</p>	<p><b>5.1 ch</b> <b>95 W per Channel</b> (6 ohms, 1 kHz, 0.9% THD, 1-ch driven)</p> <p><b>55 W per Channel</b> (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2-ch driven)</p>
<p><b>4 in / 1 out</b></p>	<p><b>4 in / 1 out</b></p>	<p><b>4 in / 1 out</b></p>
<p>(4 in / 1 out)</p>	<p>(4 in / 1 out)</p>	<p>(4 in / 1 out)</p>
<p>(from HDMI input)</p>	<p>(from HDMI input)</p>	<p>(from HDMI input)</p>
<p>• / •</p>	<p>• / •</p>	<p>• / •</p>
<p>WiFi CERTIFIED  NETWORK SETUP</p>	<p>-</p>	<p>WiFi CERTIFIED  NETWORK SETUP</p>
<p>Bluetooth</p>	<p>Bluetooth</p>	<p>Bluetooth</p>
<p>• / • / •</p>	<p>- / - / •</p>	<p>• / • / •</p>
<p>• / •</p>	<p>- / -</p>	<p>• / •</p>
<p>Spotify TIDAL DEEZER qobuz</p>	<p>-</p>	<p>Spotify TIDAL DEEZER qobuz</p>
<p>FLAC / WAV / AIFF / Apple Lossless / DSD</p>	<p>-</p>	<p>FLAC / WAV / AIFF / Apple Lossless / DSD</p>
<p>(3D, 17 DSP Programmes)</p>	<p>(17 DSP Programmes)</p>	<p>(3D, 17 DSP Programmes)</p>
<p>•</p>	<p>•</p>	<p>•</p>
<p>•</p>	<p>•</p>	<p>•</p>
<p>-</p>	<p>-</p>	<p>-</p>
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<p>•</p>	<p>•</p>	<p>•</p>
<p>•</p>	<p>•</p>	<p>•</p>
<p>(USB Memory)</p>	<p>(USB Memory)</p>	<p>(USB Memory)</p>
<p>-</p>	<p>-</p>	<p>-</p>
<p>Colour OSD (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>	<p>Colour OSD (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>	<p>Colour OSD (English / German / French / Spanish / Russian / Italian / Japanese / Chinese)</p>
<p>•</p>	<p>•</p>	<p>•</p>
<p>•</p>	<p>•</p>	<p>•</p>
<p>(Speaker Zone B)</p>	<p>(Speaker Zone B)</p>	<p>(Speaker Zone B)</p>
<ul style="list-style-type: none"> <li>• FLAC / WAV / AIFF 192 kHz / 24-bit, Apple Lossless 96 kHz / 24-bit, DSD 11.2 MHz audio playback</li> <li>• Gapless playback (PC / USB)</li> <li>• CINEMA DSP 3D with Virtual Presence Speaker</li> <li>• Speaker Zone B provides 2-channel sound in a second room</li> <li>• Bi-amp configuration compatible</li> <li>• HDMI Standby Through mode</li> <li>• Low Jitter PLL circuitry and Direct Mode</li> <li>• Standby Power Consumption: 0.1 W / 2.2 W (Network Standby (Wireless), HDMI Control, Standby Through, Off / On)</li> <li>• Dimensions (W x H x D): 435 x 161 x 327 mm, 435 x 235.5 x 327 mm (with antenna up)</li> <li>• Weight: 7.8 kg</li> </ul>	<ul style="list-style-type: none"> <li>• Speaker Zone B provides 2-channel sound in a second room</li> <li>• Bi-amp configuration compatible</li> <li>• HDMI Standby Through mode</li> <li>• Low Jitter PLL circuitry and Direct Mode</li> <li>• Standby Power Consumption: 0.2 W / 1.9 W (HDMI Control, Standby Through, Bluetooth Standby Off / On)</li> <li>• Dimensions (W x H x D): 435 x 161 x 315 mm,</li> <li>• Weight: 7.7 kg</li> </ul>	<ul style="list-style-type: none"> <li>• DAB/DAB+ tuner (check locally for service availability)</li> <li>• Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front</li> <li>• Extra bass enriches sound with powerful bass even on small speakers</li> <li>• DSP Effect Normalisation optimises CINEMA DSP effect</li> <li>• Compressed Music Enhancer for Bluetooth</li> <li>• Burr-Brown 384 kHz / 24-bit DACs for all channels</li> <li>• ECO mode and Low standby power consumption</li> <li>• Standby Power Consumption: 0.1 W / 2.1 W (Network Standby (Wireless), HDMI Control, Standby Through, Bluetooth Standby Off / On)</li> <li>• Dimensions (W x H x D): 435 x 111 x 328 mm</li> <li>• Weight: 7.8 kg</li> </ul>
<p>DOLBY AUDIO  dts HD  HDMI  DOLBY VISION  HDCP2.2 </p> <p>4K Ultra HD  CINEMA DSP 3D  VIRTUAL CINEMA  SILENT CINEMA </p> <p>COMPRESSED MUSIC ENHANCER  SCENE  YPAO  ECO mode </p>	<p>DOLBY AUDIO  dts HD  HDMI  DOLBY VISION  HDCP2.2 </p> <p>4K Ultra HD  CINEMA DSP 3D  SILENT CINEMA  COMPRESSED MUSIC ENHANCER  SCENE </p> <p>YPAO  ECO mode </p>	<p>DOLBY AUDIO  dts HD  DAB+  HDMI  DOLBY VISION </p> <p>HDCP2.2  4K Ultra HD  CINEMA DSP 3D  SILENT CINEMA </p> <p>COMPRESSED MUSIC ENHANCER  SCENE  YPAO  ECO mode </p>

\* Streaming service availability varies by regions.



Yamaha created the first Sound Bar in 2004 with the YSP-1. A revolutionary product directing beams of sound for each channel around rooms to deliver the first truly surround sound experience from a single device. Since then, Yamaha's expanding Sound Bar range have held an esteemed position for their revered true surround capabilities.



## 7.1-channel Surround Sound from a Sound Bar

Developed by Yamaha in 2004 and continuously refined since, Digital Sound Projector technology delivers multi-channel surround sound from a single bar.

An array of speakers, each with built-in amplification, carefully focuses beams of sound so that they reflect off walls before reaching to the listener's position – adapting to the room's unique shape and size to deliver immersive surround sound from a sound bar.

### A New Concept: "Reflected Surround Sound"

Sound bar technology has come a long way in recent years with 2 different approaches commonly utilised to achieve this effect.

Firstly, virtual surround systems take advantage of the human aural ability to locate sounds to the front, back, left and right using the front left and right speakers – creating the impression that sound is emanating from behind the listener. Many sound bar systems worldwide have adopted this type of technology.

In contrast, Digital Sound Projector technology utilises multiple speakers to produce beams of sound that are reflected off walls to achieve 5.1-channel and 7.1-channel surround sound from a single sound bar. This entirely new concept is adopted by YSP sound bar models – delivering high-fidelity reproduction of surround sound effects.

## MusicCast Integration

Most Yamaha Sound Bars offer wireless connectivity with Yamaha's MusicCast multi-room audio system. MusicCast support easily transforms your Sound Bar from a wireless home theatre system to wireless music system, allowing you to access millions of songs from all your music sources.

### Enjoy Music from Every Source

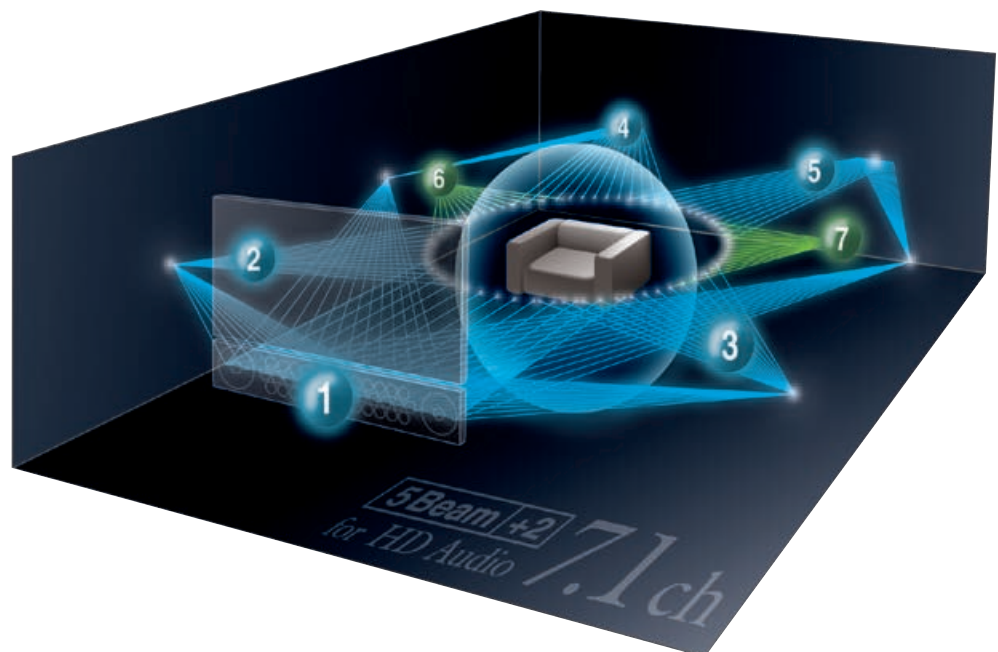
Streaming services, incorporated into each MusicCast device, offer access to millions of songs from almost every artist. Yamaha believes in the flexibility of enjoying all your music, not just that available from streaming services. MusicCast support means integration of your Sound Bar into your wireless audio ecosystem, unlocking audio form sources such as your TV or *Bluetooth* to legacy audio from things like CD and your now growing vinyl collection (when used with other compatible MusicCast devices).

### MusicCast SURROUND

Pair wireless MusicCast speakers with your Sound Bar (selected models), delivering completely individual rear effects for true wireless surround sound.

Transform your living room into an environment offering the best of surround sound with the convenience of accessing any source of music you choose.

MusicCast SURROUND. Less is More.





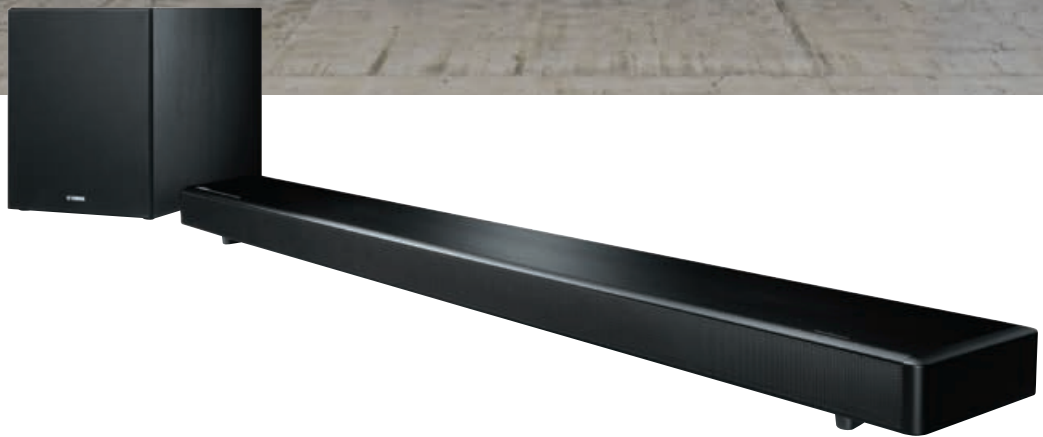
## YSP-5600SW

Presenting the pinnacle in immersive surround from a Sound Bar, the YSP-5600 sets a new standard in Sound Bars. The first Sound Bar to support Dolby Atmos and DTS:X, overhead sound localisation is achieved while MusicCast integration offers access to all your music and so much more.

### Key Features

- Surround sound from a 44-speaker array in a total 46-speaker configuration - the most in YSP history
- 6 dedicated height channel speakers on each side provide 7.1.2 channel surround sound
- The latest surround sound formats, Dolby Atmos and DTS:X, are supported
- 10 CINEMA DSP 3D programmes
- Dialogue Lift raises the audio so that vocals come from the centre of the screen when using 3D Surround and Surround modes. Choose between 3 different heights.
- MusicCast lets you stream any music content to other MusicCast products
- The MusicCast app allows you to control all MusicCast products and operate all music sources from your iOS or Android device
- Support for Internet radio and various music streaming services
- AirPlay allows music streaming from Mac, PC, iPod, iPhone and iPad
- Supports various codecs: MP3, WMA, MPEG4-AAC, Apple Lossless, WAV, FLAC and AIFF
- HDMI input with 4K60p Pass through and HDCP2.2
- Clear Voice makes dialogue and narrations easy to hear
- Simple external design features a mesh grille cover over the front and top
- Indicators are placed on the inside of the grille and extinguished when not needed
- A powerful subwoofer with wired (subwoofer cable required) or wireless connection (via the included SWK-W16 Wireless Kit)
- Wall-mounting via the optional SPM-K30 bracket
- OSD supports overlay over HDMI input and multiple languages (English, German, French, Spanish, Italian, Dutch, Russian, Swedish, Turkish, Japanese)





## YSP-2700

No need to install surround speakers - this single unit gives you exceptionally realistic 7.1-channel surround, making your movies even more real and exciting. With MusicCast integration, access to millions of songs from streaming services or your own music from legacy devices such as vinyl (when used with other compatible MusicCast devices) has never been easier.

### Key Features

- Digital Sound Projector technology with 16 array speakers reproduces true 7.1-ch surround sound
- MusicCast for audio enjoyment in every room
- Wireless cubic subwoofer for rich and crisp bass
- IntelliBeam™ automatically sets the optimum sound field for each room
- Provides a choice of 10 CINEMA DSP programmes
- HD Audio Format Decoding (Dolby TrueHD®, DTS-HD®)
- Supports 192 kHz / 24-bit High Resolution Music (Flac / WAV / AIFF)
- HDMI (3 in / 1 out) input with 4K60p Pass through and HDCP2.2
- Bluetooth for wireless music streaming
- AirPlay allows music streaming from Mac, PC, iPod®, iPhone®, iPad®
- Support for internet radio and various music streaming services
- Control app for easy operations (MusicCast CONTROLLER)
- Compressed Music Enhancer
- Clear Voice makes dialogue and narrations easy to listen to
- Easy-to-see On Screen Menu viewable in ten languages (Japanese, English, Germany, French, Italian, Spanish, Dutch, Swedish, Russian, Turkey)
- Control4 certification
- Wall-mountable with SPM-K20 (optional)





## MusicCast BAR 40

Elevate your home cinema experience with exhilarating DTS Virtual:X. Supporting the latest 4K Ultra HD TVs, the BAR 40 delivers a range of connectivity options including *Bluetooth* and HDMI, as well as built-in music streaming services and MusicCast multi-room functionality.

### Key Features

- 3D surround sound with DTS Virtual:X
- 4K / HDR / Dolby Vision compatible
- *Bluetooth* and AirPlay
- Music streaming services built-in
- MusicCast multi-room technology
- Ability to add wireless surround sound speaker/s and subwoofer\*  
\*1 x MusicCast 50 wireless speaker or 2 x MusicCast 20 wireless speakers, and 1 x MusicCast SUB 100 subwoofer
- HDMI (ARC), Optical, Aux input, Ethernet connectivity

## MusicCast SUB 100

Here comes the boom. Experience the ultimate sound stage with formidable bass. Enjoy the expertise with sublime MusicCast multi-room technology.

### Key Features

- Twisted Flare Port technology
- Auto crossover and frequency adjustment via paired master device
- Modern piano finish



MusicCast BAR 40 and MusicCast SUB 100 sold separately.



## MusicCast BAR 400

It has never been easier to immerse yourself in cinema surround sound with this sound bar and subwoofer package which delivers exhilarating DTS Virtual:X. Supporting the latest 4K Ultra HD TVs, the MusicCast BAR 400 with wireless subwoofer delivers powerful sound no matter the audio source - be it from *Bluetooth* or HDMI devices.

### Key Features

- 3D surround sound with DTS® Virtual:X™
- 4K / HDR / Dolby Vision compatible
- *Bluetooth* and AirPlay
- Wireless subwoofer
- Music streaming services built-in
- MusicCast multi-room technology
- Ability to add wireless surround sound speaker/s\*  
\*1 x MusicCast 50 wireless speaker or 2 x MusicCast 20 wireless speakers
- HDMI (ARC), Optical, Aux input, Ethernet connectivity

## MusicCast 50

Expect the unexpected from the MusicCast 50. Room-filling dynamic sound is taken to new heights when used as a stereo pair while as wireless rear speakers, listeners are completely enveloped in movies without messy cables.

### Key Features

- Music streaming services built-in
- MusicCast multi-room technology
- Supports voice control (availability may vary by region)
- High-Resolution Audio
- Connect to a TV for upgraded sound
- Stereo pairing (requires 2 units)
- Ability to be used as surround speakers with an AV receiver or sound bar (select MusicCast models only - refer to Yamaha website for more information)
- Soft-touch, simple presets for instant playback
- Alarm

## MusicCast 20

Style. Versatility. Connectivity. The MusicCast 20 delivers an array of versatile functions including *Bluetooth*, Alexa voice control\*, and the ability to be used as wireless rear speakers for the MusicCast BAR 40 or as a stereo pair.

### Key Features

- Music streaming services built-in
- MusicCast multi-room technology
- Supports voice control (availability may vary by region)
- High-resolution Audio
- Stereo pairing (requires 2 units)
- Ability to be used as surround speakers with an AV receiver or sound bar (select MusicCast models only - refer to Yamaha website for more information)
- Soft-touch, simple presets for instant playback
- Alarm





A music instrument is a tool through which the passion and emotion inherent in the artist and their music can be conveyed. A tool through which artists engage audiences. Captivate them. Making them forget everything except the music and the message within.

Only an instrument manufacturer can understand this philosophy. And only an instrument manufacturer can imbue this into the crafting of Hi-Fi components.

The Hi-Fi range embodies Yamaha's musicality with a sense of emotion and imparting a feeling of openness with a sense of energy.

## Floating and Balanced Power Amplifier with MOSFETs

(M-5000 | A-S3000 | A-S2100 | A-S1100)

Floating and Balanced Power Amplifier technology employs output elements with the same polarity on the plus and minus sides of the output stage. Further, by completely separating the NFB (Negative Feedback) circuit and power supply into a total of four plus and minus sides of the left and right channels, results in perfectly symmetrical push-pull operation of the output stage.

Completely floating the entire power amp circuit from the ground removes any negative impact of minute voltage fluctuations or ground noise. Moreover, the output elements are comprised of MOSFETs which provide a warm and natural sonic character. The use of MOSFETs, which have the same polarity on the plus and minus sides, evolves the ideal of a complete symmetrical design to eliminate sound quality variations due to difference in polarity - a major distinguishing characteristic of the Floating and Balanced Power Amplifier - resulting in sound with a superior signal-to-noise ratio and a superbly well-defined sound field.

## Perfectly Balanced Signal Transmission

(GT-5000 | C-5000 | M-5000 | A-S3000 | CD-S3000 | A-S2100 | CD-S2100)

Balanced signal transmission ensure the signal is completely free from GND noise, achieving absolutely pure, clean, and true sound from every source. Inherent in Yamaha's flagship and premium range of players and amplifiers enables end-to-end balanced signal from input source to output device.

## Pure Direct

Pure Direct, found on many amplifiers, CD players and receivers in Yamaha's extensive Hi-Fi range, delivers exactly that - the most pure and direct audio path possible. By shutting down any unnecessary components such as digital displays or bypassing control circuits for bass and treble, any signal interference is virtually removed while the travel path is reduced, resulting in absolute true sound, an accurate delivery of the audio as originally recorded.

## Absolute Left /Right Symmetry in Design

Symmetrical left/right layout and design is critical for true separation and depth to the sound stage and providing accurate stereo image. Inherent across almost every amplifier and receiver in Yamaha's Hi-Fi range, this symmetry in design delivers a sound that transports listeners from their home into the studio, feeling the artist as though they were performing live.



## GT-5000

Referencing Yamaha's esteemed turntables of the golden age of Hi-Fi, the GT-5000 expands on this heritage in the pursuit of pure musicality. Including a pure straight and short arm for absolute transparency and openness in sound, balanced signal path delivering absolute purity in signal transmission and design reflective of the GT heritage and absolute quality in craftsmanship and construction, the GT-5000 presents a new era on Hi-Fi from Yamaha. A sound both for the ears and the soul.

### Key Features

- Pure straight, short arm for absolute transparency and openness in sound
- Customised belt-drive for stabilising turning of platter
- Balanced output achieves full balanced signal process from cartridge to speaker
- 5 kg aluminium platter
- AC synchronous motor
- GT Series design
- 27 kg





## NS-5000

Yamaha's flagship NS-5000 speakers establish a new benchmark by which all other Hi-Fi speakers should be judged.

The NS-5000 encapsulates a bold new direction in speaker technology. Built upon the tradition of 'Natural Sound' from which all Yamaha speakers have been developed, the NS-5000 not only meets the lofty expectations that come with being a world-class speaker, but surpasses them.

### Key Features

- ZYLON® material used for tweeter, mid-range and woofer, delivering perfect tonal uniformity across speaker drivers
- Newly developed R.S. Chamber to cancel out the resonance peak produced in the main chamber
- 3-way Speaker configuration
- Specially designed Acoustic Absorber: a compact J-shaped resonance tube that eliminates standing waves of specific frequencies
- Ground-breaking cabinet design aided by laser-scanning measurement and state-of-the-art FEM analysis
- Luxurious piano finish using the same dedicated paint, primer and polishing processes as Yamaha's renowned Grand Pianos
- Laminated plywood cabinet made of Japanese white birch from the island of Hokkaido

## C-5000

Perfectly symmetrical layout provides overwhelming sound stage. Balanced signal transmission ensures absolute authentic sound. Elegant yet precise design delivers superior luxury in both look and feel. Yamaha's C-5000 pre-amplifier presents an unyielding pursuit of Hi-Fi excellence.

### Key Features

- Perfectly balanced signal transmission
- Floating balanced pre-amp
- Symmetrical, folding-book circuit design
- Low-impedance design
- Rigid and precise design
- Dual Toroidal Transformer
- Phono input: XLR x 1, RCA x 1
- Line input: XLR x 2, RCA x 4
- Ext. in: XLR x 1, RCA x 1
- Rec out: RCA x 1
- Pre-out: XLR x 1, RCA x 2
- 19.1 kg



## M-5000

Absolute power. Authentic expression. Pure emotion. The M-5000 power amplifier, Yamaha's return to separate Hi-Fi components effortlessly delivers pure audio to speakers, offering rich, powerful, emotional sound for listeners.

### Key Features

- 400 / 200 / 100 W x 2 (2 / 4 / 8 ohms)
- Meticulously designed, balanced signal transmission
- Floating and balanced power amplifier layout for improved drivability
- Perfectly symmetrical design for isolating left and right channels
- Low impedance design with shortened signal and power supply paths
- Improved construction delivers state-of-the-art rigidity
- Massive toroidal core power transformer
- Input: XLR x 1, RCA x 1
- Mode: Normal, Dual Mono, Bridge
- 26.9 kg



		C-5000	
Rated Output Voltage / Output Impedance	INPUT 200 mV (20 HZ - 20 kHz, 0.01% THD)	BAL (BYPASS) 2 Vrms 150 Ω	
		BAL (ATT) 1 Vrms 150 Ω	
		LINE1 / LINE2 1 Vrms 150 Ω	
		LINE2 REC OUT 200 mVrms 1.2 kΩ	
Input Sensitivity / Impedance	BAL / LINEOUT: 1 V	BAL	200 mVrms 52 kΩ
		LINE etc	200 mVrms 56 kΩ
	LINE2 REC OUT: 150 mV (1 kHz)	MC 300Ω	100 uVrms 300 Ω
		MC 100Ω	100 uVrms 100 Ω
		MC 30Ω	100 uVrms 30 Ω
		MC 10Ω	100 uVrms 10 Ω
		MM BAL (UNBAL)	2.5 mVrms 52 k (56 kΩ)
		EXT IN	1 Vrms 20 kΩ
Maximum Input Signal Voltage	BAL	2.8 Vrms	
	BAL ATT	5.6 Vrms	
	LINE etc	2.8 Vrms	
	MC	2 mVrms	
	MM	50 mVrms	
	EXT IN	5.6 Vrms	
Frequency Response	BAL / LINE, LOAD: 22 kΩ	+0 dB / -3 dB (5 Hz - 100 kHz)	
		+0 dB / -0.3 dB (20 Hz - 20 kHz)	
Total Harmonic Distortion Plus Noise (20 Hz - 20 kHz, 0.5 V)	BAL (LINE, etc) to BAL (LINE)	0.0100%	
	MC BAL (UNBAL) to LINE2 REC OUT	0.0200%	
	MM BAL (UNBAL) to LINE2 REC OUT	0.0200%	
Channel Separation (1 kΩ terminated, 1 kHz / 10 kHz)	BAL / LINE, etc	≥ 110 dB	
	MC BAL / UNBAL	≥ 80 dB	
	MM BAL / UNBAL	≥ 98 dB	
S/N Ratio (1 kΩ terminated)	BAL / LINE, etc	≥ 110 dB	
	MC 22 kΩ, MC BAL / UNBAL	≥ 80 dB	
	MM BAL / UNBAL	≥ 98 dB	

		M-5000
Rated Output Power	2-ch Driven (8 Ω, 20 Hz - 20 kHz, 0.07% THD)	100 W + 100 W
	2-ch Driven (4 Ω, 20 Hz - 20 kHz, 0.07% THD)	200 W + 200 W
	Monaural Driven (8 Ω, 20 Hz - 20 kHz, 0.07% THD)	400 W
Dynamic Power/Channel (IHF Dynamic Headroom measuring method)	8 Ω	125 W + 125 W
	6 Ω	170 W + 170 W
	4 Ω	250 W + 250 W
	2 Ω	500 W + 500 W
Maximum Output Power	(4 Ω, 1 kHz, 0.7% THD)	220 W + 220 W
IEC Output Power	(8 Ω, 1 kHz, 0.02% THD)	125 W + 125 W
Maximum Effective Output Power (JEITA)	(8 Ω, 1 kHz, 10% THD)	135 W + 135 W
	(4 Ω, 1 kHz, 10% THD)	270 W + 270 W
Damping Factor	(8 Ω, 1 kHz)	≥ 300
Input Sensitivity / Input Impedance	BAL	2.0 Vrms / 47 kΩ
	LINE	1.0 Vrms / 47 kΩ
Frequency Response	5 Hz - 100 kHz	+0 / -3 dB
	20 Hz - 20 kHz	+0 / -0.3 dB
Total Harmonic Distortion Plus Noise (2-ch driven)	LINE to SP OUT (20 Hz - 20 kHz, 50 W / 8 Ω)	0.035%
	BAL to SP OUT (20 Hz - 20 kHz 50 W / 8 Ω)	0.035%
Total Harmonic Distortion Plus Noise (Monaural driven)	LINE to SP OUT (20 Hz - 20 kHz, 200 W / 8 Ω)	0.05%
	BAL to SP OUT (20 Hz - 20 kHz, 200 W / 8Ω)	0.05%
S/N Ratio (IHF-A Network)	Input 1 kΩ shorted, 200 W / 4 Ω	110 dB

Yamaha's stereo amplifiers offer the perfect balance of effortless, transparent and authentic sound with time-honoured design and craftsmanship. Yamaha's premium CD range perfectly complement each stereo amplifier.



## A-S3000

Bringing to the fore a passion for music, technological expertise and desire to provide the ultimate sonic experience, Yamaha's A-S3000 redefines how a high-end Amplifier should perform.

Everything - even the construction, the strictest selection of parts, the meticulously finished exterior - comes together with Yamaha's rich musical traditions to deliver a dynamically expressive listening experience.

### Key Features

- Exhaustively strict anti-vibration design to achieve exceptionally low impedance
- Floating and Balanced Power Amplifier using MOSFETs for complete left-right symmetry
- Large level meters that convey the dynamics of the music visually
- Bespoke craftsmanship reminiscent of a musical instrument



## A-S2100

Echoing the A-S3000 design philosophy in both sound, craftsmanship and the pursuit of absolute musicality, the A-S2100 delivers rich, clear, expressive and emotional Hi-Fi sound.

### Key Features

- Floating and Balanced Power Amplifier with MOSFETs
- All-stage fully discrete construction, balanced transmission and low impedance design
- Superior quality electronic volume control for optimum sound
- Large capacity power supply unit delivers energetic, dynamic sound with fast response
- Symmetrical design in pursuit of ideal stereo reproduction
- Discretely configured phono amp
- Headphone amp with fully discrete configuration
- Level meters visually reflect the dynamics in the music
- Elegant design with luxurious real wood panels
- Original speaker terminals combine ease of use and beauty with high sound quality



## A-S1100

Dedicated single-ended, high-end integrated amplifier that faithfully draws out all the intrinsic value of your favourite sources.

### Key Features

- Floating and Balanced Power Amplifier with MOSFETs
- Dedicated single-ended amplifier for all types of audio sources
- All-stage full discrete configuration for strong reproduction of high notes
- Large capacity power supply unit delivers energetic, dynamic sound with fast response
- Symmetrical design in pursuit of ideal stereo reproduction
- Discretely configured phono amp
- Level meters visually reflect the dynamics in the music
- Elegant design with luxurious real wood panels
- Original speaker terminals combine ease of use and beauty with high sound quality





## CD-S3000

The CD-S3000 was developed with the utmost musical performance in mind. A newly designed disc drive mechanism, eliminates vibrations while the digital/analogue circuits were also redesigned to ensure data loss is minimised.

The result is a sound that conveys the most subtle nuances of the music and even the emotion in the recording. The player conveys all the profound expression and emotional character of the music - without any alteration of the original audio.

### Key Features

- Optimised high-precision, rigid CD mechanism with heavy anchors improves vibration control and achieves precise signal reading
- Highly rigid main chassis improves anti-vibration properties and left-right symmetrical construction
- Independent configuration of digital and analogue circuits
- Digital/analogue boards with integrated power supply circuits
- Single-stage configuration I/V conversion circuit enables direct analogue output
- Exceptionally high performance 32-bit D/A converter
- Built-in USB DAC functions
- ASIO 2.3 Yamaha Steinberg USB Driver



## CD-S2100

The CD-S2100 SACD Player implements a number of innovations including a new circuit configuration, high-performance DAC and other features which have been inherited from Yamaha's flagship models. The result is vividly accurate audio information extracted and transmitted from discs without loss.

### Key Features

- Left-right symmetrical construction, independent digital/analogue circuit configuration, with top priority on sound quality
- Digital/analogue circuitry with integrated power supplies and screw type connections eliminate signal transmission loss
- Single-stage configuration I/V conversion circuit enables direct analogue output
- Independent power supplies with complete separation of digital and analogue
- High precision CD drive for greater vibration resistance and high-precision signal reading
- Highly rigid aluminium CD tray
- Exceptionally high performance 32-bit D/A converter from ESS
- Built-in USB DAC functions, and ASIO 2.3 Yamaha Steinberg USB Driver
- Beautiful, sleek design and half-mirror display



## CD-S1000

Ultra high precision, SACD player that inherits the superior design principles of the CD-S2100, aiming for the utmost integrity in transmission of music to the amplifier.

### Key Features

- Balanced signal transmission from DAC
- Transformer with isolated digital, analogue, motor drive and display sections to prevent noise
- Symmetrical circuitry using independent left and right power supply circuits
- Exclusive Yamaha Loading Mechanism with superior quietness and high precision CD Drive
- Heavy-duty construction
- Specially designed feet
- Pure Direct
- Super sound from Super Audio CDs



Since the 1950s, Yamaha has been recognised as a leader in sound reproduction. The current range of stereo receivers draws on this heritage - a rich history of musical instrument and sound reproduction expertise.

With an unyielding ambition to achieve the highest quality audio performance, Yamaha stereo receivers offer a first-class auditory experience with cutting-edge features for those who demand unsurpassed audio.



## R-N803D

- High precision, high performance with SABRE 192 kHz/24-bit DAC's
- YPAO (Yamaha Parametric Acoustic Optimiser) automatic set-up for professionally calibrated Hi-Fi listening
- Pure Direct Mode for greater sound purity
- 5.6 MHz DSD Native and AIFF 192 kHz/24-bit reproduction with high performance 24-bit D/A converter
- Sophisticated circuit design for optimal Hi-Fi listening
- MusicCast expands entertainment possibilities
- Streaming services offer a huge range of listening choices
- MusicCast CONTROLLER lets you operate from your smartphone or tablet
- Wireless music streaming via *Bluetooth* or *AirPlay*
- DAB/DAB+ radio support
- USB digital connection for iPod, iPhone, and USB devices
- Digital audio input for TV or Blu-ray Disc™ player
- Eco Mode and Auto Power Standby

## R-N602

- MusicCast expands entertainment possibilities
- Streaming services offer a huge range of listening choices
- Enjoy the entire spectrum of all your favorite modern music sources
- 5.6 MHz DSD Native and AIFF 192 kHz/24-bit reproduction with high performance 24-bit D/A converter
- MusicCast CONTROLLER lets you operate from your smartphone or tablet
- Wireless music streaming via *Bluetooth* or *AirPlay*
- USB digital connection for iPod, iPhone, and USB devices
- Pure Direct Mode for greater sound purity
- Digital audio input for TV or Blu-ray Disc™ player
- Eco Mode and Auto Power Standby

## R-N402D

- Yamaha high sound quality, created by rich experience and tradition, and high technological expertise
- Traditional Natural Sound concept / high sound quality circuit design / 100 W x 2 high power output
- Supports 5.6 MHz DSD Native and 192 kHz/24-bit High Resolution Music(FLAC/ WAV/ AIFF) with high performance 24-bit D/A converter
- MusicCast for audio enjoyment in every room
- Control app for easy operations (MusicCast CONTROLLER)
- Support for internet radio and various music streaming services
- DAB / DAB+ and FM tuners both have 40 station preset memories
- *Bluetooth* for wireless music streaming
- *AirPlay* allows music streaming from Mac, PC, iPod®, iPhone®, iPad®
- USB digital connection for USB flash drives on the front panel
- Gapless Playback compatibility
- Digital audio input for TV or Blu-ray Disc™ player
- Simple yet sophisticated design
- Screw-type speaker terminals
- Speaker selector and speaker terminals for two systems





## R-N303D

- Support for a wide variety of streaming services such as Spotify®, Deezer, Tidal, Napster®, Qobuz, Juke and others\*
- DAB and DAB+ offering a large selection of radio stations with high sound quality
- Hi-Resolution support (Apple Lossless 96 kHz/24-bit, FLAC/WAV/AIFF 192 kHz/24-bit, DSD 2.8 MHz/5.6 MHz)
- MusicCast for audio enjoyment in every room
- Control app for easy operations (MusicCast CONTROLLER)
- *Bluetooth* for wireless music streaming
- Digital audio input for TV or Blu-ray Disc™ player



## WXC-50

- Use with non-MusicCast amp or receiver to enjoy streaming music or a true MusicCast system
- Compatible with all types of music sources and services, such as streaming services
- MusicCast App for easy operation. The app lets you control other MusicCast-compatible components
- One push play — Pressing any button turns the unit on and initiates playback of the previously selected source
- Retro modern and superior quality
- 48-bit digital volume control is far greater than the input signal bit resolution, achieving high quality control
- Supports DSD 5.6 MHz and FLAC / WAV / AIFF 192 kHz/24-bit for high resolution reproduction
- Compact body only 214 mm wide fits in any convenient location, can be used horizontally or vertically
- Easy installation - Suitable size for 1U rack with a width of 214 mm and height of 42 mm (without feet)
- Low standby power consumption: 1.8 W
- Seamless linkage to Yamaha amp with MAIN IN and Trigger In terminals for control of system power and volume
- Player mode — turn off Pre Amp mode and use the device as a simple network audio player.



## WXA-50

- Simply by adding to your speaker system, enjoy streaming music or a full MusicCast (multi-room audio) system
- 2.1-Channel powerful sound  
90 W per channel (6 ohms, 1 kHz, 0.9 % THD, 1-ch driven)  
70 W per channel (6 ohms, 20 Hz-20 kHz, 0.06 % THD, 2-ch driven)
- Compatible with all types of music sources and services, such as streaming services
- MusicCast App for easy operation. The app lets you control other MusicCast-compatible components
- One push play — Pressing any button turns the unit on and initiates playback of the previously selected source
- Retro modern and superior quality
- 48-bit digital volume control is far greater than the input signal bit resolution, achieving high quality control
- Supports DSD 5.6 MHz and FLAC / WAV / AIFF 192 kHz/24-bit for high resolution reproduction
- Compact body only 214 mm wide fits in any convenient location, can be used horizontally or vertically
- Easy installation - Suitable size for 1U rack with a width of 214 mm and height of 42 mm (without feet)
- Low standby power consumption: 1.8 W





## MusicCast Turntable

Vinyl is often referenced as the epitome of music listening. The warm, inviting sound has a sense of nostalgia and purity that other sources simply cannot replicate. Vinyl also offers a tactile element of music in the large format artwork, track listing and on occasion, lyrics for each track.

It's these elements combined that have seen a new generation of vinyl listeners who have embarked on a deeper engagement with their music.

However this new generation is accustomed to simple access. Anywhere. Everywhere.

Enter MusicCast VINYL 500.

## Hi-Resolution Support

Reflective of the Yamaha brand, all MusicCast products support Hi-Resolution audio, meaning no loss of quality from Hi-Res music recordings.

## MusicCast VINYL 500

Vinyl listening, anywhere in the home from the MusicCast VINYL 500. Fill your entire MusicCast home with music from your vinyl collection. Or share to a different room – outside with friends, or in the kitchen.

MusicCast VINYL 500 is a completely new way of listening to your favourite vinyl music from yesteryear or today.

### Key Features

- MusicCast integration for flexible operation and sharing of vinyl content to other MusicCast devices
- Wi-Fi support including 2.4 GHz & 5 GHz band
- Straight tone arm contributes to sound transparency and openness
- Rigid body to suppress unnecessary vibration, achieving sonic purity and accurate image of music
- Belt drive turntable
- Phono and Line output
- Available in gloss black and white finish
- Authentic Hi-Fi design matches with Yamaha components





## Soavo Series Speakers NS-F901

The Natural Sound of Yamaha's 901 Series Speakers. Music as it should be heard

At Yamaha, we love, understand and respect music. We believe that 'Natural Sound' - the original sound of musical instruments and of the human voice - should be reproduced with nothing added or taken away. Soavo Series speakers are created to deliver Natural Sound, harnessing our rich history and vast experience in music, including over 125 years of making musical instruments and more than half a century of making speakers.

### Key Features

- Non-parallel enclosure to reduce standing waves
- Aluminium tweeter plate to dampen vibration
- A-PMD (Advanced Polymer-injected Mica Diaphragm) midrange driver with improved cone paper in order to reproduce high-resolution audio
- 3 cm aluminium dome tweeter delivers sound that links the medium and high ranges with natural smoothness and transparency
- A-PMD woofer provides abundant low-range power and responsiveness
- Advanced YST II (Yamaha Active Servo Technology II) subwoofer delivers accurate low range response, as well as higher sound pressure levels for more natural and energetic bass reproduction







## NS-SW1000

Crossing the border between Hi-Fi and theatre sound reproduction, deep, tight bass brings out the individuality of the main speaker system. Yamaha's NS-SW1000 subwoofer proudly brings you 1 kW of output power. Don't just hear the music. Feel it with the NS-SW1000.

### Key Features

- High strength, heavy enclosure with twisted flare port
- 1 kW digital power amplifier using the latest digital devices and a huge analogue power supply
- All-new 30 cm subwoofer combining a double magnet and a Kevlar composite cone
- High-class external design with a choice of normal or piano finish



## NS-SW300

A design combining superior operability and beauty and introducing a new technology, Twisted Flare Port, for clear and tight bass. A subwoofer that will match a wide range of speakers and interiors.

### Key Features

- PWM digital drive high efficiency amplifier and dual feedback circuit
- Twisted Flare Port contributes to clear and tight bass
- Advanced YST II (Yamaha Active Servo Technology II)
- 25 cm cone woofer with square wire voice coil
- Beautiful design will match a wide range of speakers and interiors
- Front control panel for easy control
- System control and Auto standby



## NS-SW200

Inheriting design and technology from the larger NS-SW300, the NS-SW200 offers a smaller 20 cm driver with an overall smaller footprint. Subtle in size. Big in performance.

### Key Features

- PWM digital drive high efficiency amplifier and dual feedback circuit
- Twisted Flare Port contributes to clear and tight bass
- Advanced YST II (Yamaha Active Servo Technology II)
- 20 cm cone woofer
- Beautiful design will match a wide range of speakers and interiors
- Front control panel for easy control
- System control and Auto standby





micro component system  
**PIANOCRAFT**

Superior audio performance, enhanced functionality and user-friendly design are hallmarks of the PianoCraft series.

Drawing on Yamaha's acclaimed Hi-Fi heritage, PianoCraft micro hi-fi systems boast enviable features and performance for those looking for a user-friendly, all-in-one solution. PianoCraft benefits from Yamaha's expertise and experience at the forefront of Hi-Fi technology.

Whether listening to *Bluetooth*, digital radio, CDs or even music streaming services, Yamaha has a PianoCraft system to satisfy your home audio needs.



## MCR-N870D

Setting a new standard for micro Hi-Fi systems, the MCR-N870D features design qualities which draw parallels to Yamaha Hi-Fi components – delivering sound that will appease the most discerning audiences.

The MCR-N870D is much more than a micro Hi-Fi system though with *Bluetooth*, CD, digital/Internet radio, music streaming services built-in and MusicCast multi-room technology – all contained in a high-quality, highly compact system.

### Key Features

- PianoCraft. Where music meets luxury.
- High-resolution audio playback
- CD player
- *Bluetooth* and AirPlay
- Digital / FM / Internet radio
- Music streaming services built-in
- MusicCast multi-room technology
- Piano Black finish
- High-end, gold-plated speaker terminals





## MCR-N670D

The MCR-N670D marries superb sound with impeccable design and innovative features to present an all-in-one solution that will showcase your favourite music sources. Hi-Fi performance meets timeless elegance in this easy-to-use micro system.

### Key Features

- Advanced yet elegantly simple design
- CD player
- High-resolution audio playback
- *Bluetooth* and AirPlay
- Digital / FM / Internet radio
- Music streaming services built-in
- Subwoofer output
- MusicCast multi-room technology



## MCR-N570D

Open the door to a world of music with the MCR-N570D. Whether listening to your favourite tunes via *Bluetooth* or from your CD collection, this versatile PianoCraft system exudes class in all respects – ensuring all your music is presented with trademark Yamaha sound.

### Key Features

- Sophisticated design
- CD player
- High-resolution audio playback
- *Bluetooth* and AirPlay
- Digital / FM / Internet radio
- Music streaming services built-in
- MusicCast multi-room technology



## MCR-N470D

Elegant and intuitive, the MCR-N470D embodies the prestige of Hi-Fi audio components in a compact, all-in-one system designed to connect you with your music.

### Key Features

- CD player
- High-resolution audio playback
- *Bluetooth* and AirPlay
- Digital / FM / Internet radio
- Music streaming services built-in
- MusicCast multi-room technology





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