WXC-50

MusicCast Pre-amplifier

Welcome to MusicCast

MusicCast is a revolution in networked multi-room audio.

Use all your MusicCast products together or separately - it's completely up to you.

Fill your home with music

Play different music in each room, combine rooms or get everyone listening to the same thing, it's easy with the intuitive MusicCast app.

Bluetooth and AirPlay

All MusicCast models are Bluetooth and AirPlay compatible. From video hosting services to music streaming apps, enjoy convenient audio streaming from your smartphone.

Add MusicCast to your system

Use the WXC-50 Pre-amplifier with your existing components to enjoy seamless music streaming and multi-room control.

⊠EXPAND

⊠YAMAHA

MusicCast | PANDORA | Bluetooth® | dlna CERTIFIED | AirPlay

Spotify | compressed music ENHANCER | MusicCast SETUP

AUDIO FEATURES

- 2 channel Pre-amplifier
- High-quality, 192 kHz/24-bit ESS SABRE DACs - the same as used in Yamaha's high-end AV Receivers
- Support for high-res audio formats including DSD 2.8/5.6 MHz, WAV/FLAC 192 kHz and ALAC 96 kHz
- Frequency response up to 100 kHz supporting high-resolution audio playback
- High-quality Player Mode bypasses Volume and Audio Processing - useful when connecting to high-end amplifiers
- Compressed Music Enhancer restores lost data from compressed music formats such as MP3 and AAC
- Volume-adaptive EQ automatically adjusts treble/bass balance to provide a uniform listening experience at different volumes
- 48-bit digital volume control provides much greater precision and quality than that of conventional digital or analogue controls
- Low noise and distortion
- Advanced Bass Extension delivers a more powerful low frequency response - great for compact or in-ceiling speakers

ADVANCED FEATURES

- Bluetooth for wireless music streaming (SBC/AAC)
- Network functions
  - MusicCast app for intuitive multi-room control
  - Wi-Fi Built-in (802.11b/g/n)
  - Easy Wi-Fi setup (ie- iOS Wi-Fi settings sharing, WPS, etc.)
  - AirPlay® allows music streaming from Mac, iPod, iPhone, iPad
  - Access to: Internet Radio (vTuner): MP3, WMA Streaming Services (Spotify®, Pandora®) Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC, Apple Lossless, AIFF, DSD
- Wired LAN option
- Wireless Off option
- Seamless link to Yamaha Amplifiers with Main In and Trigger In terminals for control of system power and volume
- One push play - pressing any button turns the unit on and recalls/resumes the lastest playback setting
- Flexible Trigger In/Out setup
- Web Setup compatibility

DESIGN FEATURES

- Compact design measuring only 214 mm wide
- Able to be placed in horizontal or vertical orientations
- Installer-friendly size at 1U rack height (2 wide) with removable feet

ECO-FRIENDLY DESIGN

- Low standby power consumption of 1.92W

MAIN SPECIFICATIONS

NETWORK SECTION	
DLNA	Version 1.5
File Format	MP3, WMA, MPEG4 AAC, WAV, FLAC, AIFF, ALAC, DSD
Wi Fi	Yes
AirPlay	Yes
Bluetooth	Yes (SBC/AAC)

AUDIO SECTION	
Pure Direct	Yes
THD (20 Hz - 20 kHz)	0.003% (Pre-out)
Signal-to-Noise Ratio	112 dB (Opt/Net/USB/Bluetooth in)/98 dB (Aux In)
AirPlay	Yes
Bluetooth	Yes (SBC/AAC)

GENERAL SECTION	
Standby Power Consumption	1.92W
Dimensions (W x H x D)	214 x 51.5 x 260 mm (with antenna) 214 x 123.6 x 260 mm
Weight	1.44 kg

CONNECTIONS

INPUTS	
Analogue Audio	1
Digital Audio	1
USB	1

OUTPUTS	
Analogue Audio	1
Digital Audio (Optical, Coaxial)	1
Subwoofer Out	1

OTHERS	
Ethernet	1
Remote In	1
Control (Trigger) In/Out	1/1

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