

# Features

## Main Features

- Output Power per Channel 150W
- Impedance at Output Level 6Ω
- Number of Channels 7
- Signal / Noise Ratio 100 dB
- Input Connections• 4 x HDMI (1080p upscaling)
  - 5 x Composite
  - 2 x Component
  - 1 x Coaxial
  - 2 x Optical
  - 1 x USB host
  - 1 x iPod/iPhone Digital via USB (cable included)
  - 1 x Ethernet
  - 1 x Bluetooth adapter port for [AS-BT200](#)
- Output Connections• 1 x HDMI
  - 1 x Composite
  - 1 x Component
- AM/FM Tuner with RDS Yes
- Tuner Pre-set Stations 30
- Plays LPCM, MP3, WAV, AAC, WMA Lossless, Apple Lossless, FLAC
- HD Audio Formats Dolby TrueHD, DTS-HD Master Audio
- Audio Return Channel Yes
- Stand-by Pass Through Yes
- [Control with HDMI \(+\)](#) Yes
- HDMI Repeater Yes
- On-Screen Display (GUI) Easy-to-use GUI, available in English, French, Italian, German, Spanish, Dutch and Russian
- Firmware updates Yes (via Internet or USB)
- AV Navigator Yes
- Internet Radio Yes
- vTuner Yes
- DLNA Certified Yes (v1.5)
- Remote Control Glow-key, preset remote control
- Weight 9,9 kg
- Dimensions (W x H x D) 435 x 168 x 362.5 mm

## Input & Output connections

- AV Front Input Yes
- Bi-Amplifier Yes
- [Bluetooth Adapter Port \(+\)](#) Yes
- Component Video Input/Output 2/1 (assignable)
- Composite Input/Output 4/1
- Digital Optical Input/Output 2/- (assignable)

- Digital Coaxial Input1/-
- Ethernet1
- HDMI Input/Output4 (assignable)/1
- HDMI version1.4a
- Headphone InputYes
- [IR In/Out \(+\)](#)1/1
- Large speaker terminalsYes
- Pre-amp OutputYes (SW)
- USB Host (Front)Yes

## Apple Compatibility

- Works with iPodYes (cable included)
- Works with iPhoneYes
- Works with iPadYes
- AirPlayYes
- Air JamYes
- iControlAV2Yes
- [iPhone Control Button \(+\)](#)Yes
- Compatible Generations• iPod: 5th Generation, Nano and above
  - iPhone 3G, 3GS, 4
  - iPad, iPad 2
- Supported Functions• Audio & video playback
  - On-screen album art
  - Charging

## Network Features

- Wireless LANYes (with optional [AS-WL300 adapter](#))

## Surround Sound Formats

- [Dolby Digital \(+\)](#)Yes
- [Dolby Digital EX \(+\)](#)Yes
- Dolby Digital PlusYes
- [Dolby Pro Logic II \(+\)](#)Yes
- [Dolby Pro Logic IIx \(+\)](#)Yes
- [Dolby Pro Logic IIz \(+\)](#)Yes
- Dolby True HDYes
- [DTS \(+\)](#)Yes
- DTS-ESYes
- [DTS Neo: 6 \(+\)](#)Yes
- [DTS 96/24 \(+\)](#)Yes
- DTS-ExpressYes
- DTS-HD High Resolution AudioYes
- DTS-HD Master AudioYes
- [Surround Modes \(+\)](#)15 + 1 (Action, Drama, Sci-Fi, Mono Film, Entertainment Show, Expanded Theater, TV Surround, Advanced Game, Sports, Classical, Rock/Pop, Unplugged, Extended Stereo, Front Stage Surround Focus, Front Stage Surround Wide + Phones Surround)

## Audio Features

- [Auto Level Control \(+\)](#)Yes (Multi-channel)
- Auto SurroundYes
- Dialogue EnhancementYes
- [Digital Noise Reduction \(+\)](#)Yes
- DSD-to-PCM ConvertorYes (Multi-channel)
- Dynamic Range ControlYes
- Headphone SurroundYes
- [Front Stage Surround Advance \(+\)](#)Yes
- Multizone FunctionYes (2)
- [Phase Control \(+\)](#)Yes
- [MCACC \(+\)](#)Yes (Advanced, 9-band)
- [PQLS \(+\)](#)Yes (Multi-channel)
- Sound Delay (LipSync)Yes
- [Advanced Sound Retriever \(+\)](#)Yes (Multi-channel)
- [Sound Retriever AIR \(+\)](#)Yes
- [Standing Wave Control \(+\)](#)Yes
- Stream DirectYes
- Symmetric EQYes
- [Virtual Surround Back \(+\)](#)Yes
- Virtual HeightYes
- [X-Curve \(+\)](#)Yes

## Video Features

- [Deep Colour \(+\)](#)Yes
- 3D ReadyYes
- x.v.ColourYes
- HD Digital Film Direct 24Yes
- Upscaling to 1080pYes
- Advanced Video AdjustYes
- PureCinemaYes

## Power Output

- Power output per channel150W
- Condition1kHz, 1% THD, 6Ω
- Rated Power Output150W per channel
- Input (Sensitivity/Imp.): LINE315 mV / 47kΩ
- Frequency Response: LINE5 Hz - 100 kHz +0/-3 dB
- Signal-to-Noise Ratio: LINE (DIN)100 dB
- Power RequirementsAC 220 - 230 V / 50/60 Hz
- Power Consumption (in use / standby)550 W / 0.30 W
- Auto Power DownYes

## Construction

- DesignDiscrete Amplification Type
- Digital Signal ProcessorFreescale

## Amplifier Specifications

- D/A Converter 192 kHz / 24-bit
- A/D Converter 96 kHz / 24-bit