



With the Class D<sup>3</sup> amplifier and the Rigid Trans-Stabilizer, the SC-91 AV receiver presents a powerful home theater performance. In the ideal reproduction environment created by MCACC<sup>®</sup> Pro's Full Band Phase Control, experience a new level of surround sound with Dolby Atmos<sup>®</sup>, while Ultra HD pass-through with HDCP 2.2 provides a spectacular view in high-resolution. Other highlights include Hi-Res Audio playback, subwoofer EQ, dual subwoofer preout, built-in Bluetooth<sup>™</sup> Wireless Technology and Wi-Fi<sup>®</sup>, and Spotify<sup>®</sup> ready.

### Amplification

- › Channels: 7
- › **Amplification Type: Class D<sup>3</sup> (Direct Energy HD)**
- › **660 W Multi ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)**
- › **210 W/ch (4 ohms, 1 kHz, THD 1.0 %, 2ch Driven)**
- › **170 W/ch (6 ohms, 1 kHz, THD 1.0 %, 2ch Driven FTC)**
- › **130 W/ch (8 ohms, 1 kHz, THD 0.08 %, 2ch Driven FTC)**

### Construction Design

- › **Advanced Direct Construction**
- › **Rigid Trans-Stabilizer**
- › **Insulated Dual Chassis**

### Audio Features

- › Dolby Atmos/Dolby<sup>®</sup> TrueHD/Dolby Digital Plus/Dolby Surround
- › DTS-HD Master Audio/DTS-ES/DTS Neo:6
- › DSD Direct Playback via Network/USB (2.8 MHz, 5.6 MHz/2ch)
- › DSD Disc (SACD) Playback via HDMI (2.8 MHz/5.1ch, 2ch)
- › Hi-bit24 Audio Processing
- › 192 kHz/24-bit SABRE<sup>™</sup> Premier Audio DAC (ES9006S) for 7.2ch
- › MCACC Pro Room Calibration
  - Full Band Phase Control
  - Auto Phase Control Plus/Phase Control Plus
  - Standing Wave Control
  - 3D Time Axis Measurement
  - Subwoofer EQ (4 Band)
  - Bass Management System for Dolby Atmos Enabled Speakers
- › Sound Enhancements
  - Advanced Sound Retriever<sup>®</sup> (Multi-ch)
  - Auto Sound Retriever/Auto Sound Retriever for ARC
  - Auto Level Control (Multi-ch)
  - Virtual Speakers (Wide/Height/Surround Back)
- › Advanced Surround Modes
  - Action, Drama, Advanced Game, Sports, Classical, Rock/Pop
  - Front Stage Surround
  - Sound Retriever Air, Phones Surround
  - ECO Mode 1, ECO Mode 2

### Video Features

- › Ultra HD Pass-through with HDCP 2.2 (4K/60p/4:4:4/24-bit, 4K/24p/4:4:4/36-bit, 4K/60p/4:2:2/36-bit)
- › Video Scaler (1080p to 4K) with Super Resolution
- › 3D Ready (Blu-ray Disc<sup>™</sup>, Broadcast, and Games)
- › Deep Color (36-bit), "x.v. Color"

### Home Network Features

- › Apple<sup>®</sup> AirPlay<sup>®</sup> Certified
- › DLNA Certified<sup>™</sup> (1.5)
- › HTC Connect<sup>™</sup> Certified
- › Windows<sup>®</sup> 8.1 Compatible
- › Music File Playback/Seek via Network/USB: AIFF, Apple Lossless, WAV, FLAC, MP3, WMA, AAC, DSD
  - 192 kHz/24-Bit Audio playback (AIFF, Apple Lossless, WAV, FLAC)
  - Multi-Channel (5.1ch, 5.0ch) Audio Playback (WAV<sup>\*1</sup>, FLAC<sup>\*2</sup>)
- › Gapless Playback for AIFF, Apple Lossless, WAV, FLAC, AAC, MP3, DSD
- › Pandora<sup>®</sup> Internet Radio<sup>\*3</sup>
- › Spotify<sup>®</sup> Digital Music-Streaming Service Ready<sup>\*4</sup>
- › Internet Radio with vTuner

### Convenience Features

- › iPod<sup>®</sup> Digital Transmission via Front USB Terminal
- › Android<sup>™</sup> Audio/Video Playback with MHL<sup>™</sup>
- › Start-up Navi (Initial Setting App) Ready (iOS<sup>®</sup>/Android)<sup>\*5</sup>
- › AVNavigator (Wiring Navi/Interactive Operation Guide)
- › iControlAV5 Remote Control App Ready (iOS/Android)<sup>\*5</sup>
- › HDMI ZONE Out (HDZONE) and Analog Audio Out (ZONE 2)
- › Built-in Wi-Fi<sup>®</sup> (Dual Band 5 GHz/2.4 GHz)
- › Built-in Bluetooth<sup>®</sup> Wireless Technology (Version: 2.1 + EDR, Profile: A2DP/AVRCP, Codec: SBC/AAC)
- › Power Save for HDMI Standby Through
- › Learning Remote Control (Luminous)

Bold denotes step-up features from VSX-90

<sup>\*1</sup> Up to 192 kHz streams via USB, up to 96 kHz streams via wired LAN, up to 48 kHz via wireless LAN <sup>\*2</sup> Up to 96 kHz streams <sup>\*3</sup> Service only available in the U.S.

<sup>\*4</sup> For service availability in your country, check [www.spotify.com](http://www.spotify.com) <sup>\*5</sup> Available for free download from the App Store<sup>SM</sup>/the Google Play<sup>™</sup>



### Front Terminals

- › HDMI 1 in
- › USB 1 in for iPod/iPhone, USB drive
- › MCACC Setup MIC in
- › Phones 1 out

### Rear Terminals

- › HDMI 6 in (5 assignable, 1 for HDMI/MHL)
- › HDMI 2 out (1 for MAIN, 1 for MAIN/HDZONE)
- › Ethernet 1 in
- › AV (Composite) 2 in/1 out
- › Audio 1 in (assignable)
- › Digital Coaxial 1 in (assignable)
- › Digital Optical 1 in (assignable)
- › Component Video 1 in (assignable)

- › Monitor Composite 1 out
- › ZONE 2 Audio Preout
- › Subwoofer Preout x 2
- › Speaker 9ch out (FRONT, CENTER, SURROUND, SURROUND BACK, TMD/FW/Speaker B)
- › IR 1 in/1 out
- › 12 V Trigger x 2/RS-232c

### Specifications

- › Power Requirements: AC 120 V 60 Hz
- › Power Consumption/Standby: 290 W/0.1 W
- › Dimensions (W x H x D): 17-1/8 x 7-5/16 x 17-3/8 inches (435 x 185 x 441 mm)
- › Weight: 31 lbs. 7 oz. (14.3 kg)
- › UPC Code: 884938-290739

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