

ELITE

SC-89

9.2-Channel ELITE® AV Receiver Featuring Class D3 Amplifier, AIR Studios® Monitor Certification, Dolby Atmos®-Upgradable, Ultra HD (4K/60p/4:4:4/24-bit) Upscaling/Pass-through, HDBaseT™ Compatibility, USB-DAC, and SABRE³² Ultra DAC



Amplification

- › Channels: 9
- › Amplification Type: Class D³ (Direct Energy HD)
- › **850 W Multi ch Simultaneous Drive (8 ohms, 1 kHz, THD 1.0 %)**
- › **255 W/ch (4 ohms, 1 kHz, THD 1.0 %, 2 ch Driven)**
- › **200 W/ch (6 ohms, 1 kHz, THD 1.0 %, 2 ch Driven FTC)**
- › 140 W/ch (8 ohms, 1 kHz, THD 0.08 %, 2 ch Driven FTC)

Construction Design

- › Advanced Direct Construction
- › Rigid Trans-Stabilizer
- › Insulated Dual Chassis
- › 3D Space Frame Construction
- › **Low Leakage Flux Power Transformer**

Audio Features

- › AIR Studios Monitor Certification
- › Dolby Atmos*/Dolby® TrueHD/Dolby Digital® Plus/Dolby Surround
- › DTS-HD Master Audio/DTS-ES/DTS Neo:X
- › USB-DAC 192 kHz/32-bit with DSD Native Playback
- › DSD Direct Playback via USB Memory Devices (5.6 MHz, 2.8 MHz)
- › DSD Disc (SACD) Playback via HDMI (2.8 MHz)
- › Digital Core Engine with Texas Instruments Aureus® DSP
- › SABRE³² Ultra DAC (ES9016+ES9016) for 9.2ch
- › Audio Scaler 192 kHz/32-bit Enhancer
- › HDMI® Audio Return Channel
- › Pioneer MCACC® Pro Room Calibration
 - Full Band Phase Control
 - Auto Phase Control Plus/Phase Control Plus
 - Standing Wave Control
 - 3D Time Axis Measurement
 - **Precision Distance**
 - Polarity Check
 - Automatic Crossover Detection
 - Reverb Before and After Calibration Results (AVNavigator for iPad®)
 - Subwoofer EQ (4 Band)
 - Independent Dual Subwoofer Output
- › Pioneer Sound Enhancements
 - PQLS Bit-stream/Multi-Surround/2ch
 - Advanced Sound Retriever® (Multi-ch)
 - Sound Retriever Link
 - Auto Sound Retriever/Auto Sound Retriever for ARC
 - Auto Level Control (Multi-ch)
 - Optimum Surround (Auto Bass, Dialog, and Surround Balancing)
 - Virtual Speakers (Wide/Height/Surround Back)
 - Virtual Depth
- › Advanced Surround Modes
 - Action, Drama, Advanced Game, Sports, Classical, Rock/Pop
 - Front Stage Surround, Extended Stereo
 - Sound Retriever Air, Phones Surround
 - ECO Mode 1, ECO Mode 2
- › Input Volume Absorber
- › Speaker System 14 Patterns Including 3 New Patterns for Dolby Atmos

Video Features

- › **HDMI 8 in/4 out (2 for MAIN, 2 for MAIN/HZONE)**
- › Ultra HD Upscaling and Pass-through (4K/60p/4:4:4/24-bit[†], 4K/24p/4:4:4/36-bit, 4K/60p/4:2:2/36-bit[†])
- › Video Scaler with Qdeo™
- › 3D Ready (Blu-ray Disc®, Broadcast and Games)
- › Deep Color (36-bit) and "x.v.Color"
- › Triple HD Noise Reduction
- › Advanced Video Adjust
- › Stream Smoother
- › Stream Smoother Link
- › Frame Rate Conversion

Home Network Features

- › Apple® AirPlay™ Certified
- › DLNA Certified® (1.5)
- › HTC Connect® Certified
- › Windows® 8.1 Compatible
- › Music File Playback/Seek*¹ via Network/USB: AIFF, Apple Lossless, WAV, FLAC, MP3, WMA, AAC, DSD
 - 192 kHz/24-Bit Audio playback (AIFF, WAV, FLAC)
 - Multi-Channel (5.1ch, 5.0ch) Audio Playback*² (WAV, FLAC)
- › Gapless Playback for AIFF, Apple Lossless, WAV*³, FLAC*³, AAC, MP3
- › Pandora® Internet Radio*⁴
- › Spotify® Digital Music-Streaming Service Ready*⁵
- › Roku Ready®*⁶
- › Internet Radio with vTuner®
- › Play Zone Selection

Convenience Features

- › **HDBaseT™ Compatible (HDMI Extension via CAT5 Cable)**
- › iPod® Digital Transmission via Front USB Terminal
- › Android™ Audio/Video Playback with MHL™
- › Built-in AVNavigator (Wiring Navi, Interactive Operation Guide and Network Setup)
- › **HDMI/HDBaseT ZONE Out (HZONE)**
- › Charges iPod/iPhone
- › iControlAV5 Remote Control App Ready (iOS/Android)*⁷
- › Wireless LAN Converter Ready (optional AS-WL300 required)
- › Bluetooth® Adapter Ready (optional AS-BT200 required)
- › Firmware Update via Internet or USB
- › Graphic User Interface (GUI) with Album Artwork (HDMI only)
- › Auto Power Down for Each Zone
- › Power Save for HDMI Standby Through
- › AM/FM Tuner 63 Presets
- › Sleep Timer
- › Learning Remote Control (Luminous)

*upgradeable via firmware available at the end of the year. To enjoy the full Dolby Atmos experience, consumers must have Dolby Atmos encoded content, Dolby Atmos-capable receiver, Blu-ray Disc content encoded for Dolby Atmos or compatible game console, and new Dolby Atmos-enabled speakers.

[†] BD IN, IN 1, IN 2 HDMI input only

¹ Except DSD files ² Up to 96 kHz streams ³ Except multi-ch audio streaming

⁴ Service only available in the U.S.

⁵ Compatible digital mobile devices and premium subscription required where available, see pioneer.eu/spotify

⁶ Roku Ready Streaming Stick Sold Separately

⁷ Available free of charge from the App Store™/the Google Play™ Store
Bold denotes step-up features from SC-87

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Connections



Front Terminals

- › HDMI 1 In
- › USB® 1 in for iPod/iPhone, USB Drive
- › MCACC® Setup Mic In
- › Phones 1 Out

Rear Terminals

- › HDMI 7 in (7 assignable, 1 for HDMI/MHL)
- › HDMI 4 out(2 for MAIN, 2 for MAIN/HDZONE, 1 for HDBaseT™)
- › Ethernet 1 In
- › AV (Composite) 2 In/1 Out
- › Audio 1 In (assignable)
- › Phono (MM) 1 In
- › Digital Coaxial 2 In (assignable)

- › Digital Optical 2 In (assignable)/1 Out
- › USB-DAC In (B-Type)
- › Component Video 2 In (assignable)
- › Monitor Component 1 Out/Monitor Composite 1 Out
- › Preout 9.2 ch (11.2 ch terminals)
- › Speaker 11 ch Out
- › Independent Dual Subwoofer
- › Bluetooth® Adapter Port for AS-BT200
- › USB Charge Port for AS-WL300 Wireless LAN Converter
- › IR 2 In/1 Out
- › 12 V Trigger x 2/RS-232C

Zone Features

- › HDZONE HDMI, HDZONE HDBaseT for Audio and Video
- › ZONE 2 Audio, Subwoofer, Volume, Balance and Tone
- › ZONE 3 Audio, Volume and Balance

- › Powered ZONE 2/ZONE 3/HDZONE
- › Multi-ZONE Music Feature

Power Specifications

- › Power Requirements: AC 120 V, 60 Hz
- › Power Consumption: 370 W/0.1 W (Standby)

Product Specifications

- › Dimensions (W x H x D): 17-1/8 x 7-5/16 x 17-3/8 inches
- › Weight: 38 lbs. 13 oz.

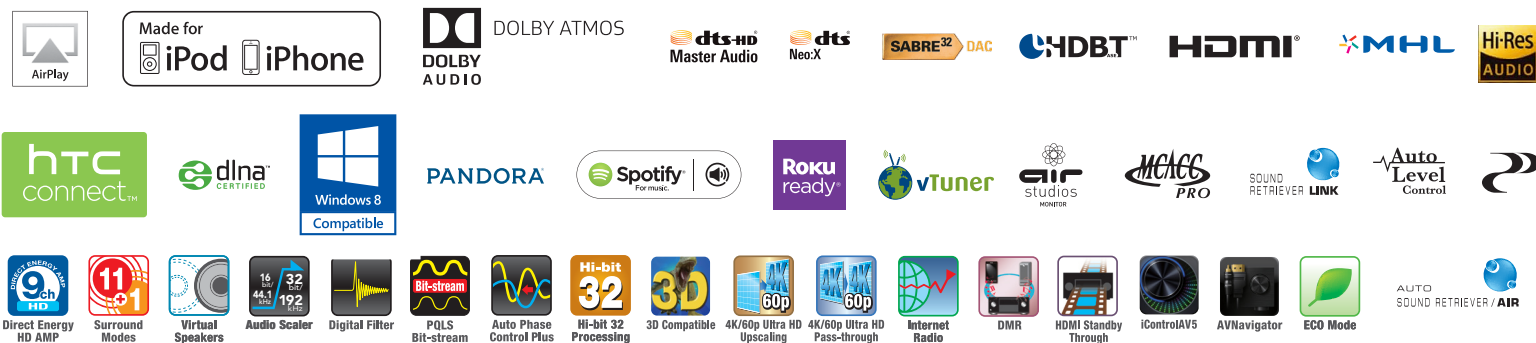
Carton Specifications

- › Dimensions (W x H x D): 20-4/5 x 12-1/5 x 20-4/5 inches
- › Weight: 44 lbs. 9 oz.

UPC

- › 884938243841

Integrated Technologies



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AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later.

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or 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 or iPhone may affect wireless performance.

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