

# ELITE

## VSX-45

5.2-Channel Elite® AV Receiver with Ultra HD Pass-through with HDCP 2.2, High-Resolution Audio Playback, Subwoofer EQ, Dual Subwoofer Preout, Built-in Bluetooth® Wireless Technology and Wi-Fi®, and Spotify® Ready



### Amplification

- › Channels: 5
- › Amplification Type: Direct Energy
- › 80 W/ch (8 ohms 20 Hz-20 kHz THD 0.08 % 2ch Driven FTC)

### Audio Features

- › Dolby® TrueHD/Dolby Digital® Plus/Dolby Pro Logic II
- › DTS-HD® Master Audio/DTS Neo:6®
- › DSD Playback via Network/USB (2.8 MHz)
- › DSD Disc (SACD) Playback via HDMI (2.8 MHz)
- › Digital Core Engine with Texas Instruments Aureus® DSP
- › 192 kHz/24-bit DAC
- › HDMI Audio Return Channel (ARC)
- › Advanced MCACC® Room Calibration
  - Phase Control
  - Auto Phase Control Plus/Phase Control Plus
  - Standing Wave Control
  - 3D Time Axis Measurement
  - Polarity Check
  - Automatic Crossover Detection
  - Reverb Before and After Calibration Results (AVNavigator for iPad)
  - Subwoofer EQ (4 Band)
- › Sound Enhancements
  - Advanced Sound Retriever® (Multi-ch)
  - Sound Retriever Link
  - 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

- › HDMI 6 in/1 out
- › 3D Ready (Blu-ray Disc™, Broadcast, and Games)
- › Deep Color (36-bit), "x.v. Color"
- › 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

### 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, Apple Lossless, WAV, FLAC)
- › Gapless Playback for AIFF, Apple Lossless, WAV\*2, FLAC, AAC, MP3
- › Pandora® Internet Radio\*3
- › Spotify® Digital Music-Streaming Service Ready\*4
- › Internet Radio with vTuner®

### Convenience Features

- › iPod® Digital Transmission via Front USB Terminal
- › Android™ Audio/Video Playback with MHL™
- › Start-up Navi (Initial Network Setting App) Ready (iOS/Android)\*5
- › AVNavigator (Wiring Navi)
- › iControlAV5 Remote Control App Ready (iOS/Android)\*5
- › Charges iPod and iPhone®
- › Built-in Wi-Fi (Dual Band 5 GHz/2.4 GHz)
- › Built-in Bluetooth Wireless Technology
- › BT Audio Auto Function
- › Firmware Update via Internet or USB
- › Graphical User Interface (GUI) with Album Artwork (HDMI only)
- › Auto Power Down
- › Power Save for HDMI Standby Through
- › AM/FM Tuner 63 Presets
- › Sleep Timer
- › Learning Remote Control (Luminous)

\*1 Except DSD files

\*2 Except multi-ch audio streaming via wireless LAN

\*3 Service only available in the U.S.

\*4 For service availability in your country, check [www.spotify.com](http://www.spotify.com)

\*5 Available free of charge from the App Store™/the Google Play™ Store

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### Connections



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### Rear Terminals

- › HDMI 6 in (5 assignable, 1 for HDMI/MHL)
- › HDMI 1 out
- › Ethernet 1 in
- › AV (Composite) 2 in
- › Digital Coaxial 1 in (assignable)
- › Digital Optical 1 in (assignable)
- › Monitor Composite 1 out
- › Subwoofer Preout x 2
- › Speaker 5 ch out (FRONT, CENTER, SURROUND)
- › Speaker B out
- › IR 1 in/1 out
- › 12 V Trigger (150 mA)/RS-232c



### Power Specifications

- › Power Requirements: AC 120 V 60 Hz
- › Power Consumption/Standby: 550 W/0.1 W

### Carton Specifications

- › (W x H x D): 20.6 x 9.7 x 16.9 inches
- › Weight: 22.7 lbs.

### Product Specifications

- › (W x H x D): 17.1 x 6.6 x 13.1 inches
- › Weight: 19.2 lbs.

### UPC

- › 8-84938-29081-4

### Front Terminals

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

### Integrated Technologies



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