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”
› Video Scaler (1080p to 4K) with Super Resolution

Home Network Features
› Apple AirPlay® Certified
› DLNA Certified® (1.5)
› HFC Connect® Certified
› Windows® 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)
› Gapless Playback for AIFF, Apple Lossless, WAV*, FLAC, AAC, MP3
› Pandora® Internet Radio*
› Spotify® Digital Music-Streaming Service Ready*
› 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
*5 Available free of charge from the App Store℠/the Google Play™ Store
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

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

Product Specifications
› [W x H x D]: 17.1 x 6.6 x 13.1 inches
› Weight: 19.2 lbs.

Carton Specifications
› [W x H x D]: 20.6 x 9.7 x 16.9 inches
› Weight: 22.7 lbs.

UPC
› 8-84938-29081-4

Integrated Technologies

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