VSX-51
7.1-Channel A/V Receiver Featuring AirPlay®, DLNA Certified (1.5), Internet Radio with vTuner®, Made For iPad® Certification and 2-Zone Audio and Video

**DIRECT ENERGY AMPLIFICATION**
- 90W x 7 (20Hz - 20 kHz, THD 0.08% @ 8 ohms FTC)

**AUDIO FEATURES**
- Dolby® TrueHD / Dolby Pro Logic® IIX / Dolby Digital EX / Dolby Digital Plus
- DTS-HD® Master Audio / DTS-ES / DTS Neo:6 / DTS Neural Surround
- Digital Core Engine with Texas Instruments Aureus™ DSP
- 192 kHz / 24-bit Digital to Analog Converter
- 96 kHz / 24-bit Analog to Digital Converter
- Pioneer Advanced MCACC Room Calibration
  - 3D Time Axis Measurement
  - Polarity Check
  - Reverb Before and After Calibration Results (OSD and iPad)
  - Standing Wave Control
- Pioneer Sound Enhancements
  - Phase Control Plus
  - Phase Control Bass Management
  - Jitter Reduction
  - PQLS Bit-stream
  - Auto Sound Retriever (Multi)
  - Front Wide Surround Movie & Music
  - Virtual Height & Surround Back
  - Auto Level Control (Multi)
  - Advanced Surround (15 Mode DSP)
  - Sound Retriever AIR
  - Front Stage Surround
  - Headphone Surround

**VIDEO FEATURES**
- Anchor Bay® 1080p Video Scaler
- Advanced Video Adjust
- Video Conversion to HDMI
- HDMI® Features
  - 3D Ready (Blu-ray Disc®, Broadcast and Game)
  - Audio Return Channel
  - Deep Color and x.v.Color™

**HOME NETWORK FEATURES**
- AirPlay
- DLNA Certified® (1.5)
- Internet Radio with vTuner
- Home Media Gallery
- FLAC 96 kHz / 24-bit Audio File Playback
- WAV 192 kHz / 24-bit Audio File Playback

**CONNECTIVITY**
- Made for iPod®, iPhone®, iPad®
- Charges iPhone, iPad, iPod
- Combination USB / Composite Video Cable Supplied
- iPhone, iPad, iPod Stored and Streaming Audio & Video with Album Art
- Memory Audio Playback (MP3/WMA/WAV)
- Pioneer Air Jam App
- Connects via Bluetooth® to Share Music and Create Playlists (With iPod touch, iPhone, iPad)
- Free via the App Store™ (Optional AS-BT200 Bluetooth Adapter Required)
- HDMI Inputs (6 In (5 Back, 1 Front) / 1 Out)
- Ethernet Terminal
- Wireless LAN Ready (Optional AS-WL300 Wireless LAN Converter Required)
- Sirius XM Radio Ready™
- Adapter Port (Optional AS-BT100 or AS-BT200 Bluetooth Adapter Required)
- Component Video Inputs (2 In / 1 Out)
- Digital Inputs (2 Coaxial, 2 Optical)
- Analog AV Inputs (4 AV, 2 Audio)
- Large Speaker Terminals (9 Channels)

**CUSTOM**
- Pioneer iControlAV2 App
- A/V Receiver and Blu-ray Disc Player Control from iPod touch, iPhone, iPad
- Free via the App Store™
- AVNavigator System Set-Up (CD-ROM Disc Included for PC)
- Full Color Graphic User Interface (GUI)
- IP Control with Full 2-Way Feedback
- Zone 2 Audio and Video Pre-Out, Speaker Out
- RS-232C
- 12s Trigger (2 Out)
- SR In/Out
- IR In/Out
- HDMI Standby Through for Low Power Consumption
- Detachable Power Cord
- Auto Power Down
- Luminous Learning Remote Control

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1Antenna and subscription required and sold separately. Bold denotes step-up features from VSX-50.