**VSX-1020-K**

7.1-Channel A/V Receiver Featuring HDMI® 1080p Video Processing (v.1.4 with 3D), 7.1 Surround Sound, Works with iPhone® Certification and Bluetooth Capability

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**AMPLIFICATION**

- **Power Output:** 110W x 7 (1kHz, THD 0.05% @ 8 ohms)
- **80W + 80W (20Hz – 20kHz, THD 0.08% @ 8 ohms FTC)**

**AUDIO FEATURES**

- **Freescale Dual-Core 400 MIPS Processing** DSP
- **192 kHz/24-bit DAC**
- **Dolby® TrueHD, Dolby Pro Logic IIz, Dolby Digital EX, Dolby Digital Plus**
- **DTS-HD® Master Audio, DTS® 96/24, DTS Neo:6, DTS Express**
- **Dolby Digital Plus**
- **WMA9 Pro**
- **Neural-THX®**
- **Advanced MCACC Room Calibration with 9-band EQ**
- **Symmetric EQ, Auto Surround, Stream Direct, Midnight Listening Mode**
- **Standing Wave Control**
- **Multi-channel PCM (192 kHz) & SACD (multi-channel) Playback via HDMI**
- **0.1 Step Audio Delay (Lip Sync) (Max 10 Frame)**
- **Advanced Surround (Action, Drama, Sci-Fi, Mono Film, Entertainment Show, Expanded Theater, TV Surround, Advanced Game, Sports, Classical, Rock/Pop, Unplugged, Extended Stereo)**
- **Pioneer Jitter Reduction PLL Circuit**
- **Phase Control (bass management ensures precision low frequency output)**
- **Front Stage Surround Advance (Focus, Wide)**
- **Virtual Surround Back**
- **Advanced Sound Retriever for enhanced PC and portable audio (Multi-Channel)**
- **Auto Level Control (Multi-channel)**
- **Sound Retriever Air for Enhanced Bluetooth Audio Transmission**

**VIDEO FEATURES**

- **Anchor Bay® 1080p Video Scaler – HDMI to HDMI, Analog to HDMI**

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**CONVENIENCE**

- **Works with iPhone® Certified**
  - Charges iPhone while plugged in w/ supplied USB/Video Cable
  - Automatically mutes music for incoming calls
  - All iPhone’s wireless and network features remain functional
  - Available iControlAV app for receiver control via iPhone/iPod Touch, available at the App Store
  - Full-color On-screen display including iTunes® album art
- **SIRIUS®2 Satellite Ready**
- **Internet Radio Ready w/ 24 Presets**
- **Multi-zone Audio/Video (Zone 2) with On-screen Display**
  - 63 Tuner Presets
  - **Learning Remote Control**
  - FL Dimmer (4 steps)
  - Sleep Timer
  - Auto Audio Signal Select
  - LFE Attenuator

**CONNECTIVITY**

- **HDMI v.1.4 (with 3D), Deep Color, and x.v.Color**
  - 6 inputs (including 1 front input) / 1 Output
- **Front USB**
- **Front A/V Inputs**
- **Ethernet Input for Internet Radio**
- **Bluetooth Port (Compatible with optional Bluetooth adapter AS-BT100)**
- **Front Mini Jack**
- **4 Digital Inputs (2 Coaxial, 2 Optical)**
- **Component Video Terminal (2 Inputs, 1 Output) Assignable**
- **Audio/Video Inputs: 2A/4AV**
- **Audio/Video Output: 1A/1AV + 1V**
- **SR Input/Output, IR Input/Output, SIRIUS Input**
  - Large Speaker Terminals (FL/FR/C/SR/SL/SBR/SBL)
  - Subwoofer Pre-Out

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1 Optional Bluetooth Adapter (AS-BT100) required.
2 Antenna and subscription required and sold separately

**Bold** denotes step-up features from VSX-920-K
VSX-1020-K
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SPECIFICATIONS
- Power Requirements: AC 120 V/60 Hz
- Power Consumption: 245 Watts
- Standby Power Consumption: Less than 0.5 Watts
- W x H x D: 16.55 x 6.23 x 14.93 inches
- Weight: 22.4 lbs

INTEGRATED TECHNOLOGIES
- HDMI
- DOLBY
- DTS
- PRO LOGIC II
- x.v.Color
- Works with iPhone
- Made for iPod
- Bluetooth

CONNECTIONS
Rear Panel

CONNECTION DESCRIPTIONS
A. HDMI A/V Repeater (6 in (including 1 front in) /1 out)
B. Bluetooth Adapter Port
C. 2 Assignable Component Video Inputs
D. Ethernet Port (for Internet Radio and PC Control)
E. 4 Assignable Digital Inputs
F. Large Speaker Terminals (FR/FL/C/SR/SL/SBR/SBL)

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