**AMPLIFICATION**

› Power Output: 110W x 5 (1kHz, THD 0.05% @ 8 ohms)
› 80W + 80W (20Hz – 20kHz, THD 0.08% @ 8 ohms FTC)

**AUDIO FEATURES**

› Texas Instruments Aureus™ DSP
› 192 kHz/24-bit DAC
› Dolby® TrueHD
› Dolby Pro Logic iiz
› Dolby Digital/EX
› DTS-HD® Master Audio
› DTS® 96/24 / DTS Neo:6/DTS Express
› Auto MCACC Room Calibration
› Symmetric EQ
› Multi-channel PCM (192 kHz) & SACD (2-ch) Playback via HDMI
› 0.1 Step Audio Delay (Lip Sync) (Max 9 Frame)
› Advanced Surround (Action, Drama, Entertainment Show, Advanced Game, Sports, Classical, Rock/Pop, Unplugged, Extended Stereo)
› Auto Surround
› Stream Direct
› Phase Control (bass management ensures precision low frequency output)
› Front Stage Surround Advance
› Advanced Sound Retriever for enhanced PC and portable audio (2-ch)
› Midnight Listening Mode
› Auto Level Control

**VIDEO FEATURES**

› HDMI 1080p (v1.4 with 3D), Deep Color, x.v.Color

**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
› On-Screen Display
› 30 Tuner Presets
› Pre-programmed Remote Control
› FL Dimmer (4 steps)
› Sleep Timer (30, 60, 90 minutes)
› Auto Audio Signal Select
› LFE Attenuator

**CONNECTIVITY**

› HDMI (4 inputs / 1 output)
› Front USB
› Front A/V Inputs
› USB Memory Audio Ready
› Bluetooth Port (Compatible with optional Bluetooth adapter AS-BT100)
› SIRIUS® Satellite Ready
› 3 Digital Inputs (1 Coaxial, 2 Optical)
› Component Video Terminal (2 Inputs, 1 Output) Assignable
› Audio/Video Inputs: 2A/4AV
› Audio/Video Output: 1A/1AV + 1V
› 21 Preout (Subwoofer + Surround Back/Front Height Channels)
› Large Speaker Terminals (FL/FR/SL/SR/C)
VSX-820-K
5.1-Channel A/V Receiver Featuring HDMI® (v.1.4 with 3D), Works with iPhone® Certification, Bluetooth Capability,* and Room Calibration with On-screen Display

SPECIFICATIONS
› Power Requirements: AC 120 V/60 Hz
› Power Consumption: 245 Watts
› Standby Power Consumption: Less than 0.4 Watts
› W x H x D: 16.55 x 6.23 x 13.71 inches
› Weight: 19.8 lbs

INTEGRATED TECHNOLOGIES

CONNECTIONS
Rear Panel

A. HDMI A/V Repeater (4 in/1 out)
B. Bluetooth Adapter Port
C. 4 Composite A/V Inputs
D. 2 Assignable Component Video Inputs
E. 3 Assignable Digital Inputs
F. Large Speaker Terminals (FR/FL/SR/SL/C)

connection descriptions

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