

Pioneer

# VSX-1120-K

7.1-CHANNEL A/V RECEIVER FEATURING HDMI® 1080P VIDEO PROCESSING (v.1.4 WITH 3D, ARC), 7.1 SURROUND SOUND, WORKS WITH IPHONE® CERTIFICATION AND BLUETOOTH CAPABILITY<sup>1</sup>



## AMPLIFICATION

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

## AUDIO FEATURES

- › **Pioneer Direct Energy Amplifier**
- › **THX® Select2 Plus**
- › 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
- › WMA9 Pro
- › Neural THX®
- › Advanced MCACC Room Calibration with 9 band EQ
- › Symmetric EQ
- › 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
- › Auto Surround, Stream Direct
- › 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)
- › Midnight Listening Mode
- › Auto Level Control (Multi channel)
- › Sound Retriever Air for Enhanced Bluetooth Audio Transmission

## VIDEO FEATURES

- › **Marvell® 1080p/24 FPS Video Scaler**
- › Analog to HDMI Video conversion

## 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
- › Multi zone Audio/Video (Zone 2) with On screen Display
- › 63 Tuner Presets
- › **Illuminated Learning Remote Control**
- › FL Dimmer (4 steps)
- › **Optional Omni-Directional RF Remote (CU-RF100)**
- › Internet Radio Ready w/ 24 Presets

## CONNECTIVITY

- › HDMI v.1.4 (with 3D, ARC), Deep Color, and x.v.Color
  - 6 Inputs (Including 1 Front Input) / 1 Output
- › HDMI 1080p Video Scaler (5 inputs (1 Front Input) / 1 output)
- › Front USB
- › Front A/V Inputs
- › Ethernet Input for Internet Radio and PC Control
- › Bluetooth Port (Compatible with optional Bluetooth adapter AS BT100)
- › SIRIUS®2 Antenna Input
- › **5 Digital Inputs (2 Coaxial, 3 Optical / 1 Optical Output)**
- › Component Video Terminal (2 Inputs, 1 Output) Assignable
- › Audio/Video Inputs: 2A/4AV
- › **Audio/Video Output: 1A/1AV + 1V + Zone 2 A/V**
- › **RS-232C**
- › SR Input/Output, IR Input/Output, SIRIUS Input
- › **7.1-Channel Pre-outs**
- › **Large Speaker Terminals (FL/FR/C/SL/SR/SBL/SBR/FHL/FHR)**

<sup>1</sup> Optional Bluetooth Adapter (AS-BT100) required

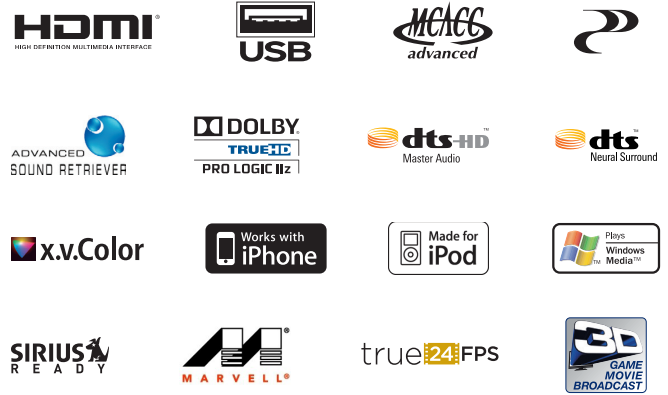
<sup>2</sup> Antenna and subscription required and sold separately

**Bold** denotes step-up features from VSX-1020-K

## SPECIFICATIONS

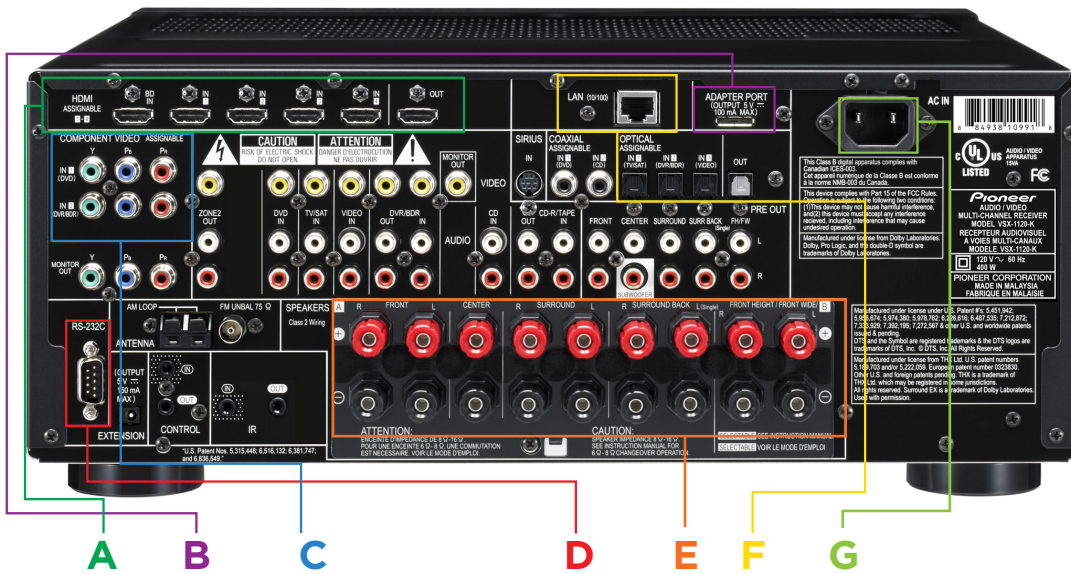
- › Power Requirements: AC 120 V/60 Hz
- › Power Consumption: 400 Watts
- › Standby Power Consumption: Less than 0.2 Watts
- › W x H x D: 16.55 x 6.82 x 17.06 inches
- › Weight: 28.7 lbs

## INTEGRATED TECHNOLOGIES



## CONNECTIONS

Rear Panel



## CONNECTION DESCRIPTIONS

- A.** HDMI A/V Repeater (6 in / 1 out) including 1 front panel HDMI input
- B.** Bluetooth Adapter Port
- C.** 2 Assignable Component Video Inputs
- D.** RS 232C Port
- E.** Large Speaker Terminals (FR/FL/C/SR/SL/SBR/SBL/FHR/FHL)
- F.** Ethernet Port (for Internet Radio and PC Control)
- G.** Detachable Power Cord

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The impedances indicated are actual values that speakers can present to an amplifier while playing back music. They do not refer to the nominal rated impedances of speakers you use.

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Proprietary driver is required for WMA9 Pro playback on computer.

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