

SC-1223-K

7.2 Channel Network Ready Receiver featuring Class D³ Amplification



- ✔ [Update: Spotify® Connect now available](#)
- ✔ Network Ready with AirPlay®, HTC Connect™, Pandora® and vTuner® Internet Radio
- ✔ 3D and 4K Ultra HD Upscaling/Pass-Through
- ✔ HDMI® HD-Zone and Powered Zone 2 Audio

PRICE

\$999.99

Pioneer's SC-1223-K AV Receiver Delivers 7.2-Channels of Powerful Class D³ Amplification to Your Home Theater

The new SC-1223-K receiver is your entry ticket to thrilling home entertainment, thanks to the power and finesse of Pioneer's Class D³ amplification. If you're serious about music and movies, this feature-rich AV receiver delivers Pioneer's advanced connectivity and cutting-edge digital power in our most affordable Class D³ receiver.

Bringing Today's Connected Lifestyle Together—You and Your iPad®, iPhone® and iPod®

Thanks to Made for iPod touch, iPhone, and iPad certification, the SC-1223-K is right at home with Apple® devices and is easily connected with your normal charging cable allowing you to connect your Apple handheld device without the need for a dock. Plug-and-play has never been easier, and the SC-1223-K charges your Apple device too. You can even enjoy music enhanced with album art. for a total iTunes® experience.



When you receive a phone call, the iPhone will mute music so you can take it. Use the iPhone directly, or push a single button on the SC-1223-K's front panel to switch control to the included preset remote and an intuitive, full-color GUI.

AirPlay® Made Easy



Pioneer's partnership with Apple translates to effortless AirPlay connectivity through Apple devices like iPhone, iPad and iPod. You can network share your music with DLNA® and Windows 8®, stream your favorite music straight from your PC or Mac® with Pandora, or listen to a world of content with vTuner® Internet Radio.

Convenience comes easy with the SC-1223-K. On the front panel, plug a memory audio device into the SC-1223-K's USB port—in seconds—for music or photos. And of course, the SC-1223-K is Bluetooth- and WiFi-ready with Pioneer's optional AS-BT200 Bluetooth® adapter and AS-WL-300 WiFi adapter.

Or imagine listening, to your favorite music without interruption. Start in your car using your iPhone, leave your car mid-song and walk into your home. Using the AirPlay App on your iPhone, select the SC-1223-K: it powers up automatically and continues right where you left off. Not only that, the SC-1223-K supports network audio sources in Zone 2, allowing you to send music to another room. With AirPlay, there's really no reason why your iTunes music has to be restricted to your computer.

HTC Connect™ Brings a New Voice to Android™

The SC-1223-K delivers a whole new level of convenience and sound quality to the entertainment experience for users of HTC's Android-powered HTC One series smartphones. With HTC Connect, you can stream high-quality, WAV-format files for an easy, out-of-the-box audiophile experience. And audiophiles who demand serious sound can enjoy their music—with CD-quality resolution—using their HTC smartphone. Your music never sounded so good.



Spotify® Connect

Spotify Connect is a Premium feature that lets you play and control Spotify on your devices. Choose music on one device and listen on another. At home, hit play on your mobile and hear high fidelity sound on your AV receiver. You can also control the music from your mobile phone. [Update your AV Receiver](#)



Windows® 8 Certified

Windows 8 Play To feature makes it easy to stream your favorite music stored on your PC to our new line of networked AV Receivers. Don't limit your media experience to your laptop speakers. With the Windows 8 Play To feature and Pioneer's new networked Receivers you can enjoy your media library on the biggest speakers in the house.

Easily Connect to Your PC Music Files or Internet Radio

The SC-1223-K's networking ability opens up a whole new world of music possibilities. A rear panel Ethernet port allows full integration into your home network, and with Windows 8 and DLNA 1.5 certification, a whole new level of entertainment options are at your fingertips. With 192kHz/24-bit WAV, FLAC, and AIFF file compatibility, network streaming audio playback is now ready for the true audiophile. Stream your AIFF, Apple Lossless, MP3, AAC, WMA, WAV and FLAC music files from your PC, laptop or smartphone to your home entertainment system.



With vTuner, the SC-1223-K brings you thousands of Internet radio stations from around the world. And you can enjoy Pandora[®] radio services complete with on-screen album art and music information. An optional AS-WL300 wireless adapter is also available for your wireless network convenience.

Download Pioneer's exclusive Air Jam application for iPhone, iPod touch, iPad, and Android devices and you can pair up to four Apple devices via Bluetooth. Select songs from your device to add to the group playlist for playback on the SC-1223-K. If you like a song your friend added, just select it and buy it from iTunes, or watch the music video on YouTube[®].

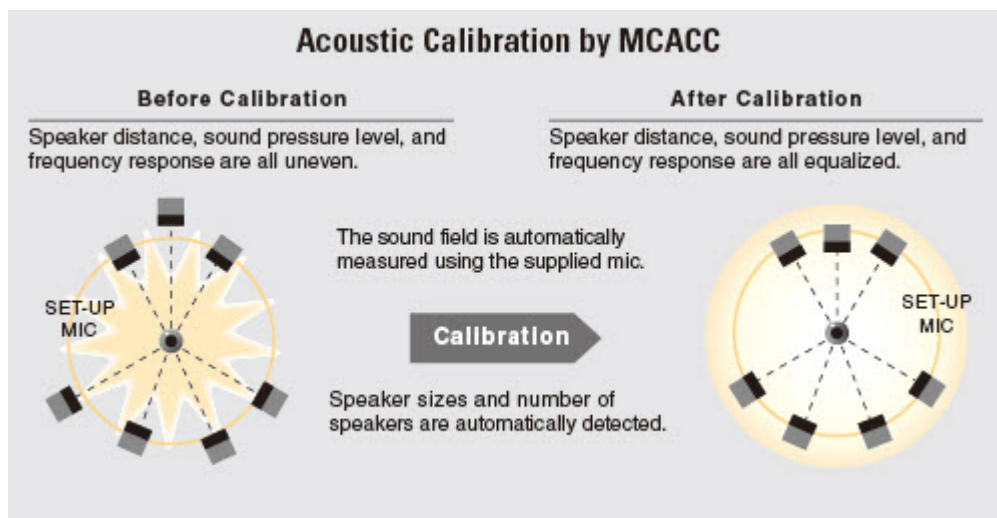
Enjoy Music From Your Smartphone with Bluetooth

The SC-1223-K is fully ready for wireless Bluetooth audio from virtually any A2DP profile Bluetooth device. With the Pioneer AS-BT200 Bluetooth adapter, you can untether yourself from cables and inputs, and you'll enjoy enriched sound quality with Sound Retriever AIR technology, created specifically to enhance Bluetooth audio.



You Control the Sound With Advanced MCACC[®]

The SC-1223-K supports formats like Dolby TrueHD[®] and DTS-HD[®] Master Audio to give your Blu-ray Disc soundtracks unsurpassed audio quality. Pioneer also includes all of the Dolby[®] and DTS[®] surround formats best suited for the wide variety of entertainment sources, including the newest DTS[®] Neo X format.



Advanced MCACC processing precision-tunes your system to your living room. Pioneer's Advanced Multi-Channel Acoustic Calibration system (MCACC) calibrates and customizes an optimized, multi-channel listening experience specifically to your room by measuring every speaker's connection, and noting size and distance from the listening point, sound levels and timbre. It's like bringing in a professional sound engineer, and much easier.

To eliminate the distortion caused by jitter during conversion, Pioneer's PQLS technology allows the SC-1223-K to use its own high precision clock to adjust the transmission rate of bitstream sound data from a compatible Blu-Ray player, insuring every note and nuance is faithfully reproduced.

The SC-1223-K takes the multi-channel audio experience to a whole new level with four advanced, sound-enhancing virtual speaker modes. Virtual Depth is designed to complement 3D movies. Virtual Height creates sound effects from above your main front speakers, creating virtual height speakers ideal for gaming enthusiasts. Virtual Wide creates a seamless blend between your front and back speakers. Virtual Surround Back replaces your back surround speakers, freeing you to use the surround amplifier to drive a second zone, or bi-amp the front speakers. Virtual speaker modes can be applied together or separately. Filling in areas where minute details were left out during the compression process, even compressed audio like WMA, MP3 and AAC is enhanced with another Pioneer exclusive, Advanced Sound Retriever.

A New Level of Power and Precision With Class D³ Amplification

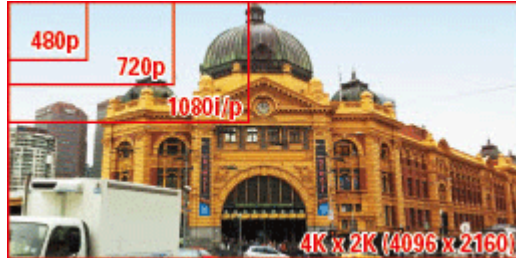
The SC-1223-K proves Pioneer's commitment to serious 7-channel sound, with industry-leading Class D³ amplification designed for true audiophiles.

The amplifiers that power the SC-1223-K are revolutionary, featuring a direct signal path with no noisy EMI filters, feedback loops or current limiting. Rated at 150 watts x 7 channels at 6 ohms with two channels driven, the SC-1223-K delivers significantly more simultaneous multi-channel power than the competition.

When it comes to efficiency and sound, Class A/B amplifiers simply can't match Class D³ designs as their power output per channel diminishes rapidly when more channels are added to the workload. This kind of unprecedented power capability allows you to appreciate the full dynamics from any media source in a way never before possible. Playing formats like Blu-ray Disc, Class D³ takes high-resolution multi-channel Dolby and DTS soundtracks to a whole new level of immersive performance. And unlike regular amps, Pioneer Class D³ amplifiers are 4-ohm certified, so they safely power those low-impedance speakers that other receivers just aren't designed to handle. And because they're Class D³, they run cool, using just a fraction of the energy of less efficient amplification. Power and efficiency... a winning design solution from Pioneer.

Advanced Qdeo® Video Processing Makes the Source Picture Perfect

Thanks to industry-leading video expertise, Pioneer makes home theater a truly immersive experience. The new SC-1223-K supports Ultra HD (4K) pass-through and upscaling. Qdeo video-processing technology provides video conversion from composite and component video to HDMI for a single-wire high-definition audio and video solution, as well as up to 1080p/24fps video scaling for an exceptional picture regardless of the source, creating natural and noise-free video for maximum performance and flexibility.



Pioneer's Advanced Video Adjust lets you experience the very best in both high-definition and standard definition signals, with a complete suite of advanced image adjustments designed to fine-tune each of your video sources for the best possible picture.



Pioneer's HDMI Technology Gets Ready for 3D

Because Pioneer AV Receivers support the latest HDMI® specifications, not only do you get the most out of your existing movies and music, but with the SC-1223-K you're prepared for the new generation of 3D video content. With 8 HDMI inputs (7 rear + 1 front) and 2 outputs, you've got plenty of connectivity options for the growing number of high-definition sources available. The SC-1223 also offers advanced HDMI conveniences like Audio Return Channel and Power Save HDMI Standby Through.

Your Phone or Tablet Transforms into a Powerful Remote Control



Communicating with the SC-1223-K wirelessly through your home network, Pioneer's free iControlAV2013 app turns your iPhone, iPod touch and iPad device or select Android devices into a powerful remote control for your receiver. The all-new iControlAV2013 is fully redesigned, incorporating everything from basic volume and input selection to advanced features like EQ adjustments and Internet Radio control.

iControlAV2013 for iPad includes enhanced features like vertical and horizontal orientation, intuitive control of music from networked PCs as well as Internet radio control, and an intuitive finger-EQ-adjust screen; simply draw the EQ curve to your desired sound preference. New Sound Explorer gives you easy access to experiment with the many powerful sound enhancements the SC-1223-K offers, like Hi-Bit 24, Auto Phase Control Plus, and Virtual Speaker modes. New for iControlAV2013 is the Push Player feature which allows playback of music directly from your IOS or Android device, without leaving our application. No need to switch between apps!

AVNavigator Makes Set Up Easy

An industry-first, Pioneer's AVNavigator is an interactive owner's manual that takes all the guesswork out of setting up your receiver. Imagine an owner's manual that actually communicates

with your receiver. Or that asks you what sources you'd like to connect and how you'd like to configure your speakers—then walks you through the process as you do it.



AV Navigator uses your networked PC, MAC or iPad to communicate directly with the SC-1223-K, walking you through speaker set-up, Advanced MCACC room calibration, sound optimization, firmware updates and more.

Full-Color On-Screen Graphical User Interface

Navigate through all of the SC-1223-K's advanced control and connectivity options more easily than ever with a full-color user interface via HDMI on your connected TV.

SPECS

- Power
- Handheld and Internet
- Decoders & Formats
- Soundfield Calibration
- Listening Modes
- Audio Features
- Video Processing
- Connectivity
- Installation
- Construction
- Warranty
- Dimensions

POWER			
Amplifier Design	Class D3 (Direct Energy HD)	Channels	7.2
Power Output: Watts per Channel (20Hz-20kHz, .08%THD@8ohm 2ch Driven)	VSX Model Power Rating Only	Power Output: Watts per Channel (1kHz, 1%THD@6ohm 1ch Driven)	150 Watts
Estimated Power Consumption/Network Standby off	260 W/0.1 W (standby)		

HANDHELD AND INTERNET			
AirPlay	Yes	HTC Connect	Yes
Made for iPhone and iPod	iPhone 5, iPad mini, iPad with Retina display, iPod	iOS/Android Remote Control APP	iControlAV2013
Streaming Audio From PC/Network	Yes	Pandora Internet Radio	Yes
Internet Radio	Yes		

DECODERS & FORMATS			
Digital Core DSP Engine	Texas Instruments Aureus	Audio DACs	192K/24Bit
Audio Processing	Hi-bit24 Audio Signal Processing	iPod Digital Audio	Yes
Music File Playback	AIFF, Apple Lossless, WAV, FLAC, MP3, WMA, AAC, DSD	Dolby TrueHD	Yes with Loudness Management
Dolby Digital Plus	Yes	DTS-HD Master Audio	Yes
DTS Neo:X	Yes	HDMI SACD Transfer	Multi-Channel

SOUNDFIELD CALIBRATION			
Phase Control	Auto / Plus	MCACC	Advanced
MCACC Memory	6	Standing Wave Control	Yes
EQ Bands	9-Band	Symmetric EQ	Yes
X-Curve	Yes	Distance Adjustment	1/2 inch
Polarity Check	Yes	Auto Subwoofer Crossover	Yes

LISTENING MODES			
Auto Surround	Yes	Stream Direct	Yes (Direct, Pure Direct)
Advanced Surround	15+1 Mode DSP	Wide Surround	Yes
Front Stage Surround Advance	Yes	Headphone Surround	Yes
Virtual Speakers	Surround Back / Height / Depth / Wide		

AUDIO FEATURES			

Dialog Enhancement	Yes	Sound Retriever AIR	Yes
Tone Control	2 Channel	Sound Delay (Lip Sync)	Yes (800 ms)
Speaker A/B	Versatile Speaker Configuration	Bi-Amp	Yes (Front Channel)

VIDEO PROCESSING

4K Ultra HD Pass-Through	Yes	4K Ultra HD Video Scaler	Yes
3-D Ready	Yes	Audio Return Channel	Yes
HDMI Standby Through	Yes with Input Switch / Last Memory	HDMI 36-bit Deep Color	Yes
HDMI x.v. Color	Yes	Video Processor	Marvell QDEO
Video Converter to HDMI	Yes	HDMI to HDMI Video Scaler	4K Ultra HD
Component Video Scaler	4K Ultra HD	Composite Video Scaler	4K Ultra HD
Pure Cinema I/P Converter	Yes	Advanced Video Adjustment	YNR, CNR, BNR, MNR, Detail, Brightness, Contrast, Hue, Chroma, Black Level
3D Noise Reduction	Yes		

CONNECTIVITY

HDMI Input / Output	8 In (7 Rear, 1 Front) / 2 Out	MHL 2	1 (Front)
Wireless Adapter Port	Optional AS-WL300	Bluetooth Adapter Port	Optional AS-BT200
Component Video Input / Output	2 In (Assignable)	iPhone / iPod / USB Memory Input	Yes (Audio Only)
USB Terminal	2 (Front 1, Rear 1 for Wireless LAN)	Pre-Amp Output	Preout 2.1 ch (2.2 ch terminals)
Headphone Output	Yes	Front A/V Inputs	USB & HDMI/MHL

AM/FM Presets	63 Preset AM / FM Tunner
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INSTALLATION

On-Screen Display	Graphical User Interface (GUI) with Album Artwork (HDMI only)	Auto Power Down	Yes
Multi-Room and Source Output	HDMI HDZone Audio & Video / Powered Zone 2 Audio	IR Serial Remote In/Out	1 In / 1 Out
FL Dimmer	Yes	Function Rename	Yes
Remote	Learning Remote Control (Luminous)	Sleep Timer	30, 60, 90 min.

CONSTRUCTION

Front Panel	Brushed	Speaker Terminals	All
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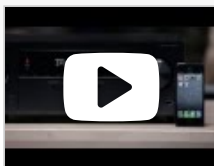
WARRANTY

Warranty	1 Year Parts & Labor
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DIMENSIONS

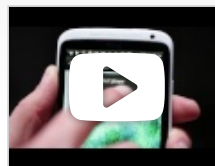
W x H x D (inches)	17.13 x 7.31 x 15.56	Weight	25.75 lbs.
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VIDEOS



Lightning Compatible

WATCH



HTC Connect

WATCH



Apple AirPlay...

WATCH



4K Ultra HD
Pass-...



MCACC
Room...



MANUALS

[Owner's Manual](#)

[Product Sheet](#)

DOWNLOADS

DATE	DESCRIPTION
Sep 4, 2018	<p>SC-72/71/1323/1223 FW Sept 4 Version 1-148-020-015-120 Firmware Update for Pandora Subscribers</p> <p>Update Instructions </p> <p>Change History </p>

- [AVNavigator for Mac \(OS X 10.7 or 10.8\)](#)

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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.

Phase Control is a trademark placed on a product with Pioneer's Phase Control Technology concept. The technology enables high-grade sound reproduction environment by improving the phase matching for each of the components.

HDMI connection may not allow transmission of copyright protected material, depending on the capability of the signal source.

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Spotify is the registered trade mark of the Spotify Group. Compatible digital mobile devices and premium subscription required where available, see pioneer.eu/spotify

Dolby, Pro Logic, Dolby Digital, and the double-D symbol are registered trademarks of Dolby Laboratories.

DTS is a registered trademark & the DTS logo and Symbol are trademarks of DTS, Inc.

Blu-ray Disc is a trademark of the Blu-ray Disc Association.

Windows and the Windows logo are trademarks of the Microsoft group of companies.

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

Apple, AirPlay, the AirPlay Logo, iPhone, iPad, iPod, iPod touch and Mac are registered trademarks of Apple Inc., registered in the U.S. and other countries.

AirPlay works with iPhone 5, iPhone 4S,

iPhone 4, iPhone 3GS, iPod touch (5th, 4th, 3rd and 2nd generations), iPad 2, iPad (4th, 3rd, and 1st generations), iPad mini with iOS 4.2 or later, and iTunes 10.1 (Mac and PC) or later.

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HTC, the HTC logo, and HTC Connect are trademarks of HTC Corporation.

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Qdeo is a registered trademark of Marvell World Trade, Ltd.

Android and Google Play are trademarks of Google Inc.

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Pandora Internet Radio is a registered trademark of Pandora Media, Inc.

vTuner is a registered trademark of Nothing Else Matters Software, Ltd.

Aureus is a registered trademark of Texas Instruments, Inc.

Bluetooth is a registered trademark of Bluetooth SIG, Inc.

For details on iPod compatibility, visit <http://pioneer.jp/homeav/support/ios/na/>

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