

Pioneer

Service Manual

ORDER NO.
RRV4448

AV Receiver

VSX-423-K

VSX-423-S

VSX-523-K

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
VSX-423-K	SYXE8	AC 220 V to 230 V	
VSX-423-S	SYXE8	AC 220 V to 230 V	
VSX-423-K	PWVXE8	AC 220 V to 240 V	
VSX-523-K	PWXE	AC 220 V to 240 V	
VSX-523-K	AXQ5	AC 220 V	

This service manual should be used together with the following manual(s).

Model No.	Order No.	Remarks
VSX-523-K/CUXESM	RRV4418	

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

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Amplifier section

Continuous average power output of 80 watts* per channel, min., at 8 ohms, from 20 Hz to 20 000 Hz with no more than 0.08 %** total harmonic distortion.

Front (stereo)..... 80 W + 80 W
Power output (1 kHz, 6 Ω, 1 %)..... 140 W per channel
Guaranteed speaker impedance6 Ω to 16 Ω

* Measured pursuant to the Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifiers

** Measured by Audio Spectrum Analyzer

Audio Section

Input (Sensitivity/Impedance)

LINE..... 200 mV/47 kΩ
Signal-to-Noise Ratio (IHF, short circuited, A network)

LINE..... 98 dB

Signal-to-Noise Ratio [EIA, at 1 W (1 kHz)]

LINE..... 79 dB

Video Section

Signal level

Composite1 Vp-p (75 Ω)

Tuner Section

Frequency Range (FM) 87.5 MHz to 108 MHz

Antenna Input (FM)..... 75 Ω unbalanced

Frequency Range (AM)530 kHz to 1700 kHz

Antenna (AM) Loop antenna

Digital In/Out Section

HDMI terminalType A (19-pin)

HDMI output type.....5 V, 100 mA

USB (iPod) terminal.....USB2.0 Full Speed (Type A) 5 V, 1 A

Miscellaneous

Power RequirementsAC 120 V, 60 Hz

Power Consumption415 W

In standby.....0.1 W

Dimensions.....435 mm (W) x 168 mm (H) x 331.5 mm (D)
17 3/16 in. (W), 6 5/8 in. (H), 13 1/16 in. (D)

Weight (without package)..... 8.3 kg (18 lb 5 oz)

Note

- Specifications and the design are subject to possible modifications without notice, due to improvements.

Accessories



Microphone (for Auto MCACC setup)
(APM7011)



Remote control (AXD7690)
(8300769000010-ILRR)



Dry cell batteries
(AAA size IEC R03) x2



AM loop antenna
(E601019000010-IL)



FM wire antenna
(E605010140010-IL)

Warranty card
Quick start guide (5707000007800-IL)
Safety Brochure
SPEAKER CAUTION Sheet (English only)
Operating instructions (CD-ROM)(6517000001280-IL)