

DENON®

Product Information

# AVR-X520BT



AVR-X520BT

5.2CH AV SURROUND RECEIVER

## POWERFUL 5.2 AV RECEIVER WITH WIRELESS BLUETOOTH® STREAMING AND HDCP 2.2-CAPABLE, 4K ULTRA HD/60HZ VIDEO PASS-THROUGH

The perfect combination of high performance and high value, the Denon AVR-X520BT delivers superb sonic fidelity along with a host of advanced features that includes compatibility with the latest HDMI specification, along with the latest HDCP 2.2 specification that's required for 4K Ultra HD copy-protected content. The video section features 5 HDMI inputs, 3 of which feature 4K Ultra HD/60 Hz full frame rate and 4:4:4 Pure Color sub-sampling pass-through for the ultimate home theater experience. Our exclusive Denon Setup

Assistant quickly and easily guides you through the setup process, which includes automated speaker configuration and optimization using the supplied measuring microphone. Featuring Bluetooth wireless audio streaming, the AVR-X520BT is also equipped with a convenient USB port on the front panel for streaming your favorite tracks and charging your portable device, and the Denon 500 Series Remote App lets you control the unit via your Bluetooth device.



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Built-in Wireless Bluetooth Streaming

The AVR-X520BT features Bluetooth streaming, supporting Bluetooth-equipped devices that support the A2DP (Advanced Audio Distribution Profile). Simply select the AVR-X520BT from your device's Bluetooth menu to turn on the receiver and start playing your music. The AVR-X520BT can remember up to 8 paired Bluetooth devices, so family and friends can listen to their favorite tracks.

4K Ultra HD/60 Hz Video Pass-through; HDCP 2.2

Equipped with 5 HDMI inputs, the AVR-X520BT features support for 4K Ultra HD full frame rate 60 Hz pass-through on 3 inputs along with 4:4:4 Pure Color sub-sampling pass-through, along with 3D compatibility on all HDMI inputs. It's also equipped with HDCP 2.2 signal handling, a requirement for 4K Ultra HD copy-protected content.

Easy To Setup, Easy To Use

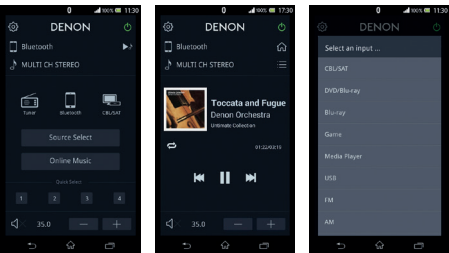
With our exclusive Setup Assistant along with the Quick Start Guide, you can connect and configure your home theater system quickly and easily. The AVR-X520BT comes with a setup measuring microphone that adjusts critical system parameters for your speaker system and listening space.

KEY FEATURES [NEW]

- 5.2 channel AV Receiver with 130W per channel
- 4K/60Hz full-rate pass-through (3 designated HDMI inputs)
- 5 HDMI inputs with full HDCP 2.2 support on 3 HDMI inputs
- Built-in Bluetooth
- Auto setup by microphone and room EQ
- Front panel USB input
- Denon Bluetooth Remote App (Denon 500 Series Remote, available for Android and mid 2015 for iOS too)

Unique Bluetooth App

Download the 500 Series Denon Remote app and control your AVR-X520BT from your Bluetooth device. Functions include On/Off, Volume Up/Down, Mute and Source Selection. The app is available now in an Android version, and will soon be offered in an iOS version.



Easy To Use Quick Select Functions

Featuring a clean front panel design, the AVR-X520BT comes equipped with 4 Quick Select function buttons that let you choose from your most popular input sources, and the ergonomically designed remote also includes Quick Select buttons. With Quick Select, the AVR-X520BT remembers your preferred sources as well as your preferred audio settings for each source so you can enjoy precisely tailored sound with each one. The buttons can also be selected through the Bluetooth App.

Discrete Power Output Stage

All 5 power amplifier stages feature true Class AB amplification, and are configured with discrete high current power transistors that can easily drive lower impedance 6 ohm speakers, and each channel is rated at a maximum of 130 watts of power.

USB Connectivity

In addition to numerous analogue and digital AV connectors, the AVR-X520BT features a convenient USB port on the front panel that's compatible with portable USB devices, and can play back a wide range of audio file types including MP3, WMA, FLAC and MPEG-4/AAC tracks.

STATE-OF-THE-ART DENON SOLUTIONS FOR MAXIMISING CONTENT QUALITY

- High quality discrete power amplifier for all 5 channels (130W per channel)
- High definition audio support for Blu-ray such as Dolby TrueHD and DTS-HD
- Minimum Signal Path for clear audio and video signal
- High-performance 192kHz/24-bit D/A converters for all channels
- Compressed Audio Restorer

EASE-OF-USE

- ECO mode
- Setup Assistant
- Auto speaker calibration by microphone
- Quick Select Button for direct access to favourite sources
- Easy operation, Graphical User Interface
- Large character display
- Comes with simple, easy-to-use remote control handset
- Inlet type detachable AC cable
- Sleep Timer, set up to 120 minutes in 10-minute increments
- Standby HDMI Pass through
- Auto Standby and low power consumption at stand-by 0.3 W



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EAN	AVFX520BTBKE2	4951035056233	Black
UK	AVFX520BTBKE2GB	4951035056233	Black

Technical information			
Number of power amps	5 (Front L/R, Center, Surround L/R)		
Power output	130 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)		
	90 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)		
	70 watts per channel (8 ohms, 20 Hz - 20 kHz, THD 0.08%, 2ch driven)		
Speaker impedance	4 - 16 ohms		
		<b>Preamplifier section</b>	
		Input sensitivity/impedance	200 mV / 47 kohms
		Frequency response	10 Hz - 100 kHz — +1, -3 dB (DIRECT mode)
		S/N Ratio	98 dB (IHF-A weighted, DIRECT mode)
		<b>FM section</b>	
		Tuning frequency range	87.5 - 107.9 MHz
		<b>AM section</b>	
		Tuning frequency range	522 kHz - 1611 kHz
		<b>General</b>	
		Power Supply	AC 230V, 50Hz
		Power Consumption	330 W (Standby 0.3 W)
		Power Consumption No-Sound	30 W (ECO on), 45 W (ECO off)
		Dimensions (W x H x D)	434 x 151 x 319mm
		Weight	7.5kg

Ports		
IN	HDMI	x 5
	Composite (video)	x 2
	Analogue Audio	x 2
	Digital Optical	x 2
	USB (front)	x 1
OUT	HDMI Monitor	x 1
	Composite Monitor	x 1
	Audio Preout (SW)	0.2 ch
	Phones	x 1
OTHER	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1
	Setup microphone	x 1

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