

SONY

XAV-AX7000

High Power Media Receiver

Enjoy powerful, clean sound throughout the car. Voice control from Apple CarPlay and Android Auto™ helps with directions, calls, and more, and thanks to dual USB ports, you can connect your smartphone and USB device at the same time. Our new anti-glare bezel-less touchscreen gives you a seamless display with improved visibility in bright daylight.



Bullets

- Voice control with Apple Car Play¹ and Android Auto™²
- Bezel-less anti-glare capacitive touchscreen
- Dual USB ports let you connect a smartphone and USB device simultaneously
- Create virtual speakers on your dashboard with the Dynamic Stage Organizer
- 4 x 100W Max. (45W RMS) power output⁶

Features

Powerful in-dash amplification⁷

By incorporating a highly efficient class-D amplifier into the receiver, the XAV-AX7000 can realize outstanding output power – 180W CEA2006 RMS (4 x 45W)⁷ – from a compact body. The amp also minimizes the electromagnetic interference that can generate a hiss as volume levels increase, leaving you free to enjoy enhanced sound quality at any volume.

See and control everything on a flush 7" antiglare touchscreen

Bring up maps, sort through playlists, and make phone calls – all with just a quick tap on the touch controls. The ultra-slim 7" antiglare display uses a bezel-less panel, for a smooth fit on the dashboard that blends seamlessly with your car interior. Anti-glare screen reduces reflection in vehicles where sunlight may shine on the display.

Sleek aluminum quick-access key panel

Enjoy quick and easy operation on the road. Keys along the bottom of the receiver give you instant access to basic features such as volume, source, sound settings and voice control.

Smarter driving with intelligent voice control

Apple CarPlay¹ and Android Auto™² make it safer and easier than ever to navigate³, communicate and play music on the road. Just connect your smartphone to the XAV-AX7000 to see everything you need on the large touchscreen.

Siri with Apple CarPlay

Easily access the iPhone features you know and love, just by talking to Siri. Music, maps, phone calls and messages are all under your control.

Voice Control with Android Auto

Use voice commands to dictate messages, take phone calls or get help from Google Maps. You can even control music playback, just by talking.

WebLink⁴ compatible

Weblink is a lightweight app delivery platform designed especially for in-vehicle use. Using your Android or iOS device connection, you can interface with compatible apps on the XAV-AX7000 display – for reliable, responsive infotainment whenever you're on the road.⁴

Optimized for excellence

Circuitry and components are carefully laid out for low-noise, highly efficient electric power transmission.

Precision power block placement

Placing the power block close to the input and amp minimizes power loss, while electrolytic capacitors ensure precise, responsive bass.

Heat ventilation

An over-sized heat sink with an optimally designed fin structure ensures efficient ventilation to prevent overheating.

Hear music your way

SONY

Various customization options let you adapt the audio experience to your liking. With the Subwoofer Direct and 2-ohm Speaker Load⁶ option, you can hook up a subwoofer directly to the built-in class-D amplifier together with multiple speakers for deep, car-filling sound.

Subwoofer Direct & 2 Ω Speaker Load⁶

No need for an external amp to drive subwoofer. You can connect a subwoofer directly to the XAV-AX7000 while enjoying speakers on both front and rear doors⁶. Channel 1 for the front left and rear left speakers. Channel 2 for the front right and rear right speakers. Channel 3 for the subwoofer. Channel 4 invalid.

Dynamic Stage Organizer for music that jumps from your dashboard

Sound waves are directional, so if your speakers are in your doors or under your dash, the audio may seem muddy or unclear. Dynamic Stage Organizer adjusts the signal, improving the stereo positioning so music sounds like it's coming from the dashboard.

Sculpt your sound with a 10-band equalizer

Tailor the sound to your personal preference with the 10-band graphic equalizer.

Three pre-outs let you expand your sound system

With the three sets of pre-outs, you can add components of your choice, like extra amplifiers and sub-woofers. Sony's high voltage pre-out delivers a 5-volt signal on each, giving you a much clearer sound with less distortion when connected to the power amplifier. You can also expect less external noise.

Bring out the bass

Hit the EXTRA BASS button for deep, punchy sound at any volume. Switch between two settings for different intensities of bass boost.

BLUETOOTH[®] wireless technology⁸

Make hands-free calls and stream wireless audio from your smartphone, with Bluetooth[®].⁸

Dual USB for phone connection and music library

Thanks to dual USB ports, you can hook up storage devices to access your music library while connecting a smartphone for Apple CarPlay and Android Auto.

Rear view camera ready

Have a rear camera installed? View its feed through the screen, along with customizable guidelines that help you back in safely.

Quick wake up

With activation two and a half times faster than previous models, you're ready to go right after turning on the ignition.

Easy installation with a compact rear chassis

Despite its double-DIN display, the rear chassis is far smaller than conventional double-DIN units. This makes for much easier installation, and leaves plenty of room for cabling and other accessories in the space behind the display.

Sirius XM Radio ready⁹

Connect your Sirius XM Radio to satellite tuner (not supplied) to enjoy commercial-free music, sports, news, and entertainment.⁹

Steering wheel control ready input¹⁰

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel. The 1/8" rear panel mounted remote input jack allows for simple connectivity.¹⁰

Switch volume and tracks from the wheel¹⁰

Easily set up basic audio controls from your steering wheel without using an aftermarket converter with the on-screen custom control mapping ability, on compatible vehicles.¹⁰

External hands-free mic supplied

The included external hands-free microphone and integrated echo and noise canceling circuitry assure your conversations are clear.

Convenient wireless remote supplied

Control your receiver with the included wireless card remote (RM-X170).

Specifications

| Bluetooth Feature | |
|---|--|
| Call Volume Level Control | Yes |
| Connection Status (maximum #) | (1HFP/PBAP+1Audio) |
| External microphone | Supplied |
| MIC GAIN Adjustment | Low/Mid/High |
| Phonebook Access via PBAP | Yes |
| RF ON/OFF | Yes |
| Ring volume level control | Yes |
| Speed dial | Yes (6 memories) |
| TEL out channel | Front |
| # of records connected | 9 |
| Alphabetical Phonebook Sorting (PBAP) | Yes |
| Battery remainder indication | Yes |
| Echo canceller | Yes |
| Internal ringtone | 1(2016 Sony Mobile Ringtone) |
| Last dialed call | Yes(select from the dialed call history) |
| Noise canceller | Yes |
| Phonebook code | UTF8 |
| recent calls (#of) | Yes |
| Signal strength indication | Yes |
| Bluetooth Audio Feature | |
| Audio Codec | SBC/ AAC |
| Audio Level Adjustment | Yes(-8dB to +18dB) |
| CUE/REV | Yes |
| Group (Folder) +/- | Yes |
| Meta Data Indication | Yes |
| Pause | Yes |
| Repeat Control (Audio Device side) | Yes |
| Shuffle Control (Audio Device side) | Yes |
| TRACK +/- | Yes |
| Bluetooth Feature & Device / Display Panel(MDP and AVC) | |
| Dimmer Adjust | Yes |
| Dimmer Area | Display Monitor and Key |
| Monitor off mode | Yes |
| Bluetooth Feature & Device / BT Spec. | |
| Version | Version 3.0 |

| Bluetooth Feature & Device / Monitor(AVC) | |
|---|---|
| Brightness | 500cd/m2 |
| Color System | NTSC/PAL |
| Color System Auto switch | Yes |
| Contrast Ratio | 600 |
| Dimmer | Yes |
| Dimmer Method | Auto/Manual select |
| LCD Type | TFT Active Matrix |
| Resolution (DOT) | 800 x 480 |
| Response Time (black-white/ white-black) | 20/20ms |
| Screen Aspect | 17:09 |
| Screen Diagonal (inch/mm) | 6.95 inch |
| Screen Mode | Yes: Type1 to 4 |
| Screen Size (WxH mm) | 156.6 x 81.6(mm) |
| Viewing Angle (Contrast Ratio 10:1) | 70/70/60/60 (L/R/U/D) |
| Bluetooth Feature & Device / Multi Language | |
| Caution | English/ Spanish/ French /Germany /Italian/Russian/ Portuguese/Thai/Simplified Chinese/Traditional Chinese/ Korean/Arabic |
| ID3 Tag | English/ Spanish /French/ Germany /Italian/Russian/ Portuguese/Thai/Simplified Chinese/Traditional Chinese/ Korean/Arabic |
| Menu | English/ Spanish/ French/ Germany /Italian /Russian / Portuguese/Thai/Simplified Chinese/Traditional Chinese/ Korean/Arabic |
| Menu/Caution Initial | English |
| Bluetooth Feature & Device / Profile | |
| A2DP | Yes (1.3) |
| AVRCP | Yes (1.3) |
| HFP | Yes (1.6) |
| PBAP | Yes (1.1) |
| Bluetooth Feature & Device / Panel Design | |
| Key illumination | Yes (White) |
| Panel Surface Finish Color | Black |
| Feature & Device / Expandability | |
| Bluetooth | Yes |
| Pre Out | 3Pre Out / 5V |
| Rear Out | Yes |
| Rear View Camera Input | Yes |
| Sub Out | Yes |
| USB | Yes (Rear x2, 15cm + 135cm Extension x 2) |
| Feature & Device / Display Panel | |
| Screen Size (Inch) | 7Inch (6.95inch) |

| | |
|---|--|
| Touch Panel | Yes with AG film / Capacitive (Not Multi Touch Compatible) |
| Feature & Device / General Feature | |
| Firmware upgradability | Yes |
| Gesture Command | Yes |
| Selectable Background Color | Yes |
| Tag Indication | Yes (USB2, USB1: Except Flac and WAV) |
| Feature & Device / Smartphone Linkage | |
| Android Auto | Yes |
| Apple CarPlay | Yes |
| Voice Command (Smartphone Function) Activate | Yes (only CPAA) |
| Feature & Device / Sound | |
| DSO | Yes |
| Graphic Equalizer | 10Band Graphic Equalizer |
| Output Power | 100W |
| Feature & Device / Tuner Feature | |
| Preset | FM18/AM12 |
| RDS / EON | Yes (RBDS) |
| USB Mass Storage Device Control Feature | |
| Pause | Yes |
| Repeat | TRACK/FOLDER/DRIVE |
| Resume Play | Yes |
| Shuffle | OFF/FOLDER/DEVICE |
| USB Control Feature | |
| CUE/REV | Yes (Video: lock search) |
| ID3 Tag Indication (Version, Title/ Artist/Album) | Yes |
| List | Yes |
| Max Layer#/ Folder#/File# | 8/1000/20000 |
| Pause | Yes |
| PICTURE EQ | Yes |
| Repeat | Yes |
| Repeat/Shuffle | Yes |
| Repeat Initial | All |
| Shuffle | Yes |
| Shuffle initial | Off |
| USB Feature & Device / USB Capability | |
| connection-enabled device list | WEB Support |
| File System | USB1: exFAT, FAT12/16/32, USB2: FAT12/16/32 |
| USB Mass Storage Device | Yes |
| USB Media Transfer Protocol | USB1: No, USB2: Yes |
| USB Mass Storage Device Control Feature | |

| | |
|--|---|
| Audio Codec | USB1:PCM/MP3/WMA/AAC/FLAC, USB2:MP3/WMA/FLAC |
| Audio Playable File Extension | USB1: .wav/.mp3/.wma/.m4a/.flac, USB2:.mp3/.wma/.flac |
| MTP | USB1: No, USB2: Yes |
| Video Codec | Only USB1:MPEG4-SP/AVC(H.264 Baseline)/WMV/MKV/XviD |
| Video Playable File Extension | Only USB1: .mp4/.wmv/.mkv |
| USB Specification | |
| Version | USB1: USB2.0 (High speed),USB2: USB2.0 (Full speed) |
| Others / Safety Standard | |
| Canada IC | Yes |
| FCC | Yes |
| Specifications chart / General | |
| Accessibility | Closed Caption / TTS: No support |
| ANT connector | JASO |
| C/O | Yes |
| Connector type | 16P |
| Maximum output power (4ohms, 1kHz, 16V)(W) | 100W |
| POP | Yes |
| Power Connector | Yes |
| Speaker impedance (ohms) | 2/4-8Ω |
| Dimensions (WxHxD) (mm) | 178x100x178 |
| Preout output level (V) | 5Vrms |
| Weight (kg) | 1.8 |
| Others Features / User Interface | |
| Aspect Ratio Select | Yes |
| Clock | 12H |
| Demo Mode | Yes |
| List Function | Yes |
| Parking Control | Yes |
| Rear View Camera-In Marker Setting | Yes |
| Remote Commander ():Option | RM-X170 |
| Source List | Yes |
| Wallpaper Initial | Blue |
| Specifications chart / Tuner | |
| FM: Tuning range(MHz) | 87.5-107.9 |
| FM (Tuning range(MHz)/ step(kHz)/de-emphasis(mus)) | Yes |



| | |
|-----------------------|--|
| MW: Tuning range(kHz) | 530-1710 |
| Accessories | |
| Supplied Accessories | Warranty card (NA for 3 years) Ant connector (JASO) |

1. Apple, Apple CarPlay and Siri are trademarks of Apple Inc. Apple, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.
2. Requires the Android Auto app on Google Play and on Android compatible smartphone running Android 5.0 Lollipop or higher. Android Auto may not be available on all devices and is not available in all countries or regions. Android, Android Auto, and Google Play are trademarks of Google LLC.
3. Map app for Apple CarPlay is not available in all countries.
4. WebLink® will be available with upcoming firmware update. For details, visit <https://www.sony.com/electronics/support>. WebLink is a registered trademark of Abalta Technologies, Inc. in the U.S. and a trademark in other countries. App compatibility may vary by region. For required smartphone operation systems, visit: <https://www.abaltatech.com/weblinkfaq>
5. WebLink is a registered trademark of Abalta Technologies, Inc. in the U.S. and a trademark in other countries. App compatibility may vary by region. For required smartphone operation systems, visit: <https://www.abaltatech.com/weblinkfaq>
6. Keep total impedance higher than 2 ohms and select "2-ohm" mode in the setting menu when wiring speakers/subwoofer(s) parallel or utilizing a subwoofer with 2-ohm impedance.
7. Rated Power: CEA2006 Standard Power Output: 45 Watts RMS x 4 at 4 Ohms 1% THD+N SN Ratio: 80 dBA (reference: 1 Watt into 4 Ohms).
8. Interoperability and compatibility among Bluetooth® devices vary
9. Requires tuner and subscription, sold separately.
10. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

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