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XAV-AX100

6.4" (16.3-cm) Media receiver with Bluetooth®



- Voice control with Apple Car Play and Android Auto^{1,2}
- Control and view everything with the 6.4" touch screen
- Get powerful sound with the 4 x 55 W Dynamic Reality Amp⁴
- Create virtual speakers on your dashboard with the Dynamic Stage Organizer
- Ergonomic rotary dial for distraction-free operation
- USB playback supports MP3/WMA/AAC/WAV/FLAC
- 10-band equalizer lets you customize your sound
- Three pre-outs let you expand your sound system
- Dynamic Stage Organizer creates virtual speakers on your dashboard
- Rear camera ready for easy reversing
- Steering wheel control ready input⁶
- Convenient wireless remote supplied

Apple CarPlay makes driving smarter¹

Use all your essential iPhone functions on the road, with Apple CarPlay.¹ Connect your phone via cable, and you'll see a familiar interface displayed clearly on the screen. Tap the icons to take calls, check voicemails and text messages, or bring up maps. And of course, listen to your favorite songs using iTunes, Apple Music, or installed apps. Apple CarPlay even lets you talk to Siri to control everything using voice commands. You can dictate text messages, control music playback, or get directions, without ever taking your eyes off the road.

Android Auto™ gives you all the help you need²

Journeys are easier and safer with help from Android Auto.² Connect your Android phone via cable to get traffic information, lane guidance, and real-time navigation assistance from Google maps. You can even send text messages, take calls, or check your voicemail through the simple interface. Android Auto also includes best in-class voice-recognition technology, so you can control everything just by speaking. Get directions, send messages, make calls, and control music while keeping your hands safely on the wheel.

Control and view everything with the 6.4" touch screen

See everything clearly on the 6.4" (16.3-cm) screen. Responsive touch controls mean you can bring up maps, sort through playlists, and make phone calls—all with just a quick tap.

4 x 55 W amplification for clear, powerful sound⁴

The Dynamic Reality Amp 2 gives you 4 x 55 W of power, so you can play music as loudly or softly as you like.⁴ The amp has 47% less internal resistance than conventional units, for increased output and clear, natural sound at any volume.

Integrated Bluetooth® technology

Easily take calls and listen to your favorite tunes with Bluetooth® 3.0 technology.³ The receiver can simultaneously connect up to two compatible devices and choose between hands free phone access, phonebook access or audio streaming.

USB playback supports MP3/WMA/AAC/WAV/FLAC⁵

Multi-format playback lets you play your MP3, WMA, AAC, WAV or FLAC files from an MSC & MTP compatible USB device.⁵

10-band equalizer lets you customize your sound

Hear your music the way you want to, with the built-in graphic equalizer. Cut and boost ten different frequencies for unlimited sound sculpting options.

Three pre-outs let you expand your sound system

Looking to build your own in-car sound system? Three pre-outs give you countless possibilities for expanding your setup. Plug in your desired amplifiers and sub-woofers to customize your sound.

ExtraBass adds low-end power

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Activate ExtraBass at the touch of a button for an instant, low-end boost and illuminations that pulse in time with the beat. Unlike conventional bass boosters, Mega Bass minimizes distortion at all volume levels by automatically adjusting frequency and gain to their optimal positions.

Dynamic Stage Organizer creates virtual speakers on your dashboard

Enjoy authentic-sounding music from various setups, thanks to the Dynamic Stage Organizer (DSO). If your speakers are in your doors, the sound they produce may be affected. DSO re-calibrates their frequency output, making music sound as if it is coming from speakers on your dashboard.

Rotary dial for distraction-free control

The ergonomic rotary dial gives you easy access to helpful functions on the road. Turn it to adjust volume, or push the integrated button to access sound control menus. Alternatively, hold the button to use voice control commands.

Rear camera ready for easy reversing

If you've got a rear camera installed, you can use it to help you park. Whenever you tap the rear camera icon or put your vehicle in reverse, you'll instantly bring the video feed up on screen. Customizable guidelines help you to back in smoothly and safely.

Steering wheel control ready input⁶

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel.⁶ The 1/8" rear panel mounted remote input jack allows for simple connectivity.

Convenient wireless remote supplied

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

Specifications

Bluetooth Feature		Signal strength indication	Yes
# of records connected	5	Bluetooth Audio Feature	
Call Volume Level Control	Yes	Audio Codec	SBC
Connection Status (maximum #)	(1HFP/PBAP + 1Audio)	Audio Level Adjustment	Yes (-8dB to +18dB)
External microphone	Supplied	CUE/REV	Yes
Internal ringtone	1 (2016 Sony Mobile Ringtone)	Meta Data Indication	Yes
MIC GAIN Adjustment	Low / Mid / High	PAUSE	Yes
Phonebook Access via PBAP	Yes	TRACK +/-	Yes
RF ON/OFF	Yes	Group (Folder) +/-	Yes
Ring volume level control	Yes	Repeat Control (Audio Device side)	Yes
Speed dial	Yes (6 memories)	Shuffle Control (Audio Device side)	Yes
TEL out channel	Front	BT Spec.	
Alphabetical Phonebook Sorting (PBAP)	Yes	Version	2.1+ EDR
Auto Answer	Yes (off / on)	Bluetooth Certification	
Battery remainder indication	Yes	Bluetooth Logo Certification	Yes
DTMF	Yes	Display Panel(MDP and AVC)	
Echo canceller	Yes	Dimmer Adjust	Yes
Last dialed call	Yes (select from the dialed call history)	Dimmer Area	Display Monitor and Key
Noise canceller	Yes	Monitor off mode	Yes
Phonebook code	UTF8	Multi Language	English/Spanish/French/Germany/Italian/Dutch/Russian/Portuguese/Thai/SimplifiedChinese/Traditional Chinese/Korean
recent calls (#of)	Yes (20 numbers)	Display Panel	

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Screen Size (Inch)	6.4
Touch Panel	Yes
Expandability	
Bluetooth	Yes
Extension Connector	Yes
METRA Ready	Yes
Pre Out	3
Rear Out	Yes
Rear View Camera Input	Yes
Sub Out	Yes
USB	Yes (Rear x1)
General	
CEA2006 output power	20
CEA2006 S/N	80
Preout output level (V)	2
Accessibility	Closed Caption, Voice Feedback
ANT connector	JASO
C/O	Yes
Connector type	16P
Maximum output power (4ohms, 1kHz, 16V)(W)	55
POP	Yes
Power Connector	Yes
Speaker impedance (ohms)	4-8
Album artwork Indication	Yes
Background Customize	Yes
Encoder	Yes
Firmware upgradability	Yes
Gesture Command	Yes
Selectable Background Color	Yes
Tag Indication	Yes
Monitor(AVC)	
Brightness	400 cd/m2
Color System	NTSC/PAL/SECAM/PAL-M
Color System Auto switch	Yes
Contrast Ratio	700
Dimmer	Yes
Dimmer Method	Auto / Manual select
LCD Type	TFT Active Matrix
Resolution (DOT)	800 x 480

Response Time (black-white/white-black)	10/15ms
Screen Aspect	17:9
Screen Diagonal (inch/mm)	6.4 inch
Screen Mode	Yes: Type1 to 4
Screen Size (WxH mm)	143.4 x 76.704 (mm)
Viewing Angle (Contrast Ratio 10:1)	70/70/50/70 (L/R/U/D)
Multi Language	
Caution	English/Spanish/French/Germany/Italian/Dutch/Russian/Portuguese/Thai/Simplified Chinese/Traditional Chinese/Korean
Menu/ Caution Initial	English
Other features	
Device Name	XAV-AX100
Power Supply	Yes (max 1.5A (CDP))
Panel Design	
Key illumination	Yes (White)
Panel Surface Finish Color	Black
Profile	
A2DP	Yes (1.2)
AVRCP	Yes (1.4)
HFP	Yes (1.6)
PBAP	Yes (1.1)
Android Auto	Yes
Apple CarPlay	Yes
Voice Command (Smartphone Function) Activate	Yes
Safety Standard	
Canada IC	Yes
FCC	Yes
DSO	Yes
EXTRA BASS	Yes (Off/ 1/ 2)
Graphic Equalizer	10 Band Graphic Equalizer
Output Power	55W
Tuner	
FM: Tuning range(MHz)	87.5-107.9
FM (Tuning range(MHz)/step(kHz)/de-emphasis(mus)) 87.5-107.9/200/75	Yes
MW: Tuning range(kHz)	530-1710
MW(Tuning range(kHz)/step(kHz)) 530-1710/10	Yes

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Tuner Feature	
Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes (Only RDS)
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
USB-capable	
USB Mass Storage Device	Yes
USB Capability	

connection-enabled device list	WEB Support
File System	FAT12/16/32
USB Mass Storage Device Control Feature	
Pause	Yes
Repeat	Track/ Folder/ Drive
Resume Play	Yes
Shuffle	Off/ Folder
Audio Codec	PCM/ MP3/ WMA/ AAC/ FLAC
Audio Playable File Extension	.wav/.mp3/.wma/.m4a/.flac
Video Codec	MPEG4-SP/AVC(H.264 Baseline)/ WMV/ FLV/ MKV/ XviD
Video Playable File Extension	.mp4/.wmv/.flv/.mkv
USB Specification	
Version	2.0 (High Speed)
Weights and Measurements	
Dimensions (Approx.)	178 x 100 x 161.5
Weight (Approx.)	1.1 kg
Accessories	
Supplied Accessories	Warranty card (U for 1 year) Ant connector (JASO) Instruction Manual

1. CarPlay support is either standard or available as an option on 2016 and later models. Some models may not be available in all areas. CarPlay support is subject to change. See your dealer for details. Some features, applications, and services are not available in all areas.
2. Android Auto is compatible with Android phones running Android 5.0 (Lollipop) or later. Android Auto may not be available on all devices and is not available in all countries or regions. Android Auto support is subject to change. See your dealer for details.
3. Interoperability and compatibility among Bluetooth® devices vary
4. Rated Power: CEA2006 Standard Power Output: 20 Watts RMS x 4 at 4 Ohms 1% THD+N SN Ratio: 80 dBA (reference: 1 Watt into 4 Ohms).
5. Not all files may playback due to file variations. Copyright protected ACC-LC files not supported.
6. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

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