

# SONY

## XAV-AX100

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



- Voice control with Apple CarPlay and Android Auto<sup>1,2</sup>
- Control and view everything with the 6.4" touch screen
- Get powerful sound with the 4 x 55 W Dynamic Reality Amp<sup>4</sup>
- 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 input<sup>6</sup>
- Convenient wireless remote supplied

#### Apple CarPlay makes driving smarter<sup>1</sup>

Use all your essential iPhone functions on the road, with Apple CarPlay.<sup>1</sup> 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 need<sup>2</sup>

Journeys are easier and safer with help from Android Auto.<sup>2</sup> 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 sound<sup>4</sup>

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.<sup>4</sup> 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.<sup>3</sup> 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/FLAC<sup>5</sup>

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

#### 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



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 input<sup>6</sup>**

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel.<sup>6</sup> 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                       |                                                                                                                   |

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Screen Size (Inch)                         | 6.4                            |
| Touch Panel                                | Yes                            |
| <b>Expandability</b>                       |                                |
| 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)                  |
| <b>General</b>                             |                                |
| 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                            |
| <b>Monitor(AVC)</b>                        |                                |
| 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 × 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)                                                                                              |
| <b>Multi Language</b>                                                |                                                                                                                    |
| Caution                                                              | English/Spanish/French/Germany/Italian/Dutch/Russian/Portuguese/Thai/Simplified Chinese/Traditional Chinese/Korean |
| Menu/Caution Initial                                                 | English                                                                                                            |
| <b>Other features</b>                                                |                                                                                                                    |
| Device Name                                                          | XAV-AX100                                                                                                          |
| Power Supply                                                         | Yes (max 1.5A (CDP))                                                                                               |
| <b>Panel Design</b>                                                  |                                                                                                                    |
| Key illumination                                                     | Yes (White)                                                                                                        |
| Panel Surface Finish Color                                           | Black                                                                                                              |
| <b>Profile</b>                                                       |                                                                                                                    |
| 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                                                                                                                |
| <b>Safety Standard</b>                                               |                                                                                                                    |
| Canada IC                                                            | Yes                                                                                                                |
| FCC                                                                  | Yes                                                                                                                |
| DSO                                                                  | Yes                                                                                                                |
| EXTRA BASS                                                           | Yes (Off/ 1/ 2)                                                                                                    |
| Graphic Equalizer                                                    | 10 Band Graphic Equalizer                                                                                          |
| Output Power                                                         | 55W                                                                                                                |
| <b>Tuner</b>                                                         |                                                                                                                    |
| 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                                                                                                                |



| 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 Strage 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 × 100 × 161.5                                                          |
| Weight (Approx.)                       | 1.1 kg                                                                     |
| Accessories                            |                                                                            |
| Supplied Accessories                   | Warranty card (U for 1 year)<br>Ant connector (JASO)<br>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 × 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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