



MEX-XB120BT

180W RMS BLUETOOTH® CD Receiver

Play deep, clear sound with Sony's 180W RMS¹ Hi-Power CD receiver featuring Extra Bass, and Subwoofer Direct Mode that powers a subwoofer without an external amplifier. A front USB port and dual Bluetooth⁵ connectivity lets you connect two smartphones simultaneously, and music, messaging, and calling feature improved voice control.



Bullets

- 180W RMS Hi-power amplifier delivers clear, natural-sounding audio¹
- Subwoofer Direct Mode to power a subwoofer without an external amplifier
- Dual Bluetooth connectivity lets you connect two smartphones simultaneously⁵
- Voice control with Siri Eyes Free² and Android
- AOA 2.0-compatible USB terminal lets you play music from smartphone apps³
- Create virtual speakers in front of you with the Dynamic Stage Organizer

Features

Powerful in-dash amplification¹

By incorporating a highly efficient class-D amplifier into the receiver, the MEX-XB120BT can realize outstanding output power – 180W CEA2006 RMS (4 x 45W)¹ – 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.

Pairing made easy

NFC lets you connect your Bluetooth phone instantly. Just tap it once on the volume knob for easy pairing.⁵

Take control with the Music Center app⁴

Available for both Android™ and compatible iOS devices. The Music Center™ app⁴ lets you use your smartphone or tablet as a convenient system remote. It can even access, select, and playback the music files stored on your compatible device. Got an Android phone? Use Music Center to manage music playback, read messages and control apps, by voice.

Read easily with high-contrast LCD

With five times the contrast of conventional screens, plus an optimized viewing angle, the screen is always easy to read.

Bring Siri on the road²

Hook up your iOS device to control music, navigation, messaging and more with Siri Eyes Free.²

Connect two smartphones, with Dual Bluetooth⁵

Pair one Bluetooth phone for access to navigation, music playback, and communication features. You can connect a second phone for making and receiving hands-free calls.⁵

Voice control for Android

Use voice control to get directions, send messages and play tracks on your Android smartphone.

Create virtual speakers right in front of you

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 right in front of you.

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.

Clean, car-filling sound

Delve into deeper sound that seems like it's coming from right in front of you, thanks to Dynamic Stage Organizer, EXTRA BASS and Sony speakers. Build yourself a bespoke in-car sound system using three 5V pre-outs and external amplifiers.

Play FLAC files

FLAC compatibility lets you play lossless audio files, so you can enjoy every detail of the music.



Expand your sound system

With the three pre-outs, you can add components of your choice, like extra amplifiers and sub-woofers. Standard units deliver 2-volt audio signal, while Sony’s high voltage pre-out delivers a 5-volt signal, giving you a much clearer sound with less distortion when connected to the power amplifier. You can also expect less external noise.

Heat ventilation

An over-sized heat sink with an optimally designed fin structure ensures efficient ventilation for your amp.

Precision power block placement

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

Optimized for excellence

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

Plug in with AOA 2.0 compatible USB ports³

AOA 2.0 compatible front and rear USB ports give you even more options for connecting various mobile devices.³

Choose your colors

Browse 35,000 colors to match the two-zone illumination with your car interior. And when the music starts, lights on the LED screen pulse in time to the song if you desire.

Sirius XM Radio ready⁶

Connect your Sirius XM Radio satellite tuner (not supplied) to enjoy commercial-free music, sports, news and entertainment.⁶

Switch volume and tracks from the wheel⁷

Easily set up basic audio controls from your steering wheel without a signal converter, on compatible vehicles.⁷

Steering wheel control ready input⁷

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel.⁷ The 1/8” rear panel mounted remote input jack allows for simple connectivity.

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-X231).

Specifications

Bluetooth Feature		Phonebook Access via PBAP	Yes
# of records connected	9 (HFP+Audio)	RF ON/OFF	Yes
Call history (# of)	Yes(20 numbers via PBAP)	Ring alert select	Yes (Internal/Cellular)
Call history browse with PBAP	Yes (Combined call)	Ring volume level control	Yes
Call Volume Level Control	Yes	Voice Control	Yes
Connection Status (maximum #)	(2HFP+1Audio)	Bluetooth Audio Feature	
Echo/Noise Canceler	Yes (mode1/mode2)	Audio Codec	SBC, AAC
External microphone	Supplied	Audio Level Adjustment	Yes (-6dB - +6dB)
Internal ringtone	2016 Sony Mobile Ringtone	CUE/REV	Yes
Last dialed call	Yes	Meta Data Indication	Yes
MIC GAIN Adjustment	Yes (Low/Mid/Hi)	PAUSE	Yes
		TRACK +/-	Yes
		BT Spec.	

SONY

Secure Simple Pairing	Yes	Subwoofer Direct Connection	Yes
Version	Version 3.0	Sub Woofer Phase	Yes
Bluetooth Feature & Device / Other features		Time Alignment Custom	Yes (Adjustment)
Auto-pairing for iOS devices	Yes	Time Alignment Preset	Yes
Device Name	MEX-XB120BT	USB	Yes (Front)
Network Carrier Information	Yes	Feature & Device / Other features	
Pandora Link (BT)	Yes	Card Remote (): Option	RM-X231,(Option: RM-X8S)
Siri Eyes Free Mode	Yes	CD lock mode	Yes
SongPal (Android)	Yes (Music Center)	Clock	12H
SongPal (iOS)	Yes (Music Center)	Configurable Steering Wheel Remote Input	Yes
Bluetooth Feature & Device / Profile		Detachable Panel	Detachable
A2DP	Version1.3	Steering Wheel Remote Input	Yes
AVRCP	Version1.5	Feature & Device / Display Panel	
HFP	Version1.6	Auto off mode	Yes
HID	Yes	Dimmer Adjust	Yes(On/Off/AT/Clock)
MAP	Yes	Key Illumination Initial	Rainbow
PBAP	Yes	Sound and Color Synchronization	Yes
SPP	Yes	Feature & Device / Panel Design	
Feature & Device / AUX in Feature		Display color (Color Variation/ Nega or Posl)	Black color/Negative
Level Adjustment	Yes (-8dB - +18dB)	Display Device (LCD/FL/OEL/TFT)	LCD (with Acryl)
Feature & Device / Tuner Feature		Key Illumination	Variable (2-Zone)
Preset	FM18/AM12	USB Shutter	Yes
RDS / EON	Yes (RBDS)	USB Mass Strage Device Control Feature	
Feature & Device / Amp & General Feature		CODEC (for USB)	MP3, WMA, AAC, FLAC, WAV
Advanced Auto Volume (AAV)	Yes	Jump Mode	Yes
Aux-In	Yes (Front)	List Browsing (Folders/Files)	Yes
Balance	Yes	Pause	Yes
ClearAudio+	Yes	Repeat	ALL/TRACK/ALBUM
Digital Sound Enhancement Engine (DSEE)	Yes	Resume Play	Yes
EQ	Yes (EQ10)	Shuffle	OFF/ALBUM/DEVICE
EXTRA BASS	Yes (1,2)	USB-capable	
Fader	Yes	USB Android Open Accessory Protocol	Yes(2.0)
High Pass Filter	Yes (OFF/50/60/80/100/120)	USB Mass Storage Device	Yes
High Voltage Pre Out	5 Volt	USB Media Transfer Protocol	Yes
Low Pass Filter	Yes (50/60/80/100/120)	USB Mass Strage Device Control Feature	
Output Power (4ohm, 1kHz, 16V)	100W	Maximum Current	1.5A (Front)
Pre Out	x 3	iPod Control Feature	
Rear Bass Enhancer	Yes		
Sirius/XM Connector	Yes		
Sub Out	Yes		
Sub Woofer adjust (LEVEL)	Yes		



CODEC (for iPod)	Depend on iPod	MW: Tuning range(kHz)	530-1710
Pandora Link (BT)	Yes	Weights and Measurements	
Pause	Yes	Dimensions (Approx.)	178 x 50 x 178 mm Mounting dimensions: 182 x 53 x 161 mm
Repeat	ALL/TRACK	Weight (Approx.)	1.3 kg
Resume Play	Yes	Others / Safety Standard	
Shuffle	OFF/TRACK	DHHS	Yes
Specifications chart / General		FCC	Yes
Dimensions (WxHxD) (mm)	178 x 50 x 178	Others / Instruction Manual Language	
Maximum output power (4ohm, 1kHz, 16V)(W)	100	English	Yes
Mounting dimensions (WxHxD)(mm)	182 x 53 x 161	French	Yes
Preout impedance (ohms)	220	Other features	
Preout output level (V)	5	Ant connector	JASO
Weight (kg)	1.3 Kg	Others / Cosmetic Print	
Specifications chart / Tuner		**Wx4	100
FM: Channel separation (dB)	50	Bluetooth logo	Yes
FM: Frequency response (Hz)	20-15k	Cosmetic Sticker	Sticker (100W x4 Max., 45W x4 RMS), 5 months
FM: S/N ratio (mono) (dB)	73	IR	Yes
FM: Selectivity (400 kHz) (dB)	75	Other logos	NFC logo
FM: Tuning range (MHz)	87.5-107.9	Phone mark icon (Green/Red)	Yes on "CALL" Key
FM: Usable sensitivity (75 ohm) (dBf)	8	Product name	Yes
		Sirius/XM Ready Logo	Yes
		USB jack logo (Trident)	Yes
		Accessories	
		Supplied Accessories	Warranty card Trim Ring (Collar), Black (Not Painted)

1. 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).
2. Siri is available on iPhone 4s or later, iPad Pro, iPad Air or later, iPad (3rd generation) or later, iPad mini or later, and iPad touch (5th generation or later) and requires internet access. Siri may not be available in all languages or in all areas, and features may vary by area. Cellular data charges may apply.
3. Full functionality with compatible Android devices only.
4. Requires download of free Music Center App for iPhone from the App Store or for Android from Google Play. Subject to app terms and conditions. Music Center does not support iPhone 3G, iPod touch (3rd generation), iPod touch (2nd generation), iPod classic and iPod Nano.
5. Interoperability and compatibility among Bluetooth® devices may vary.
6. Requires tuner and subscription, sold separately.
7. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

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/Updated: January 18, 2018