



DSX-M50BT

Enjoy wireless audio streaming and hands-free calling with integrated Bluetooth® on your next marine adventure or simply plug in your digital music devices to the front USB and auxiliary inputs². Reliable operation on the water is no accident, it's the result of detailed engineering using specialized circuit board coating, UV resistant finished and anti-glare displays.



Bullets

- Integrated Bluetooth® with Simple Secure Pairing⁶
- Front USB auxiliary inputs² for MP3/WMA playback¹
- Hi-power 55 watt x 4 Dynamic Reality Amp
- Anti-corrosive conformal circuit board coatings⁷
- UV exposure resistant for durability
- Low glare, LCD display with blue key illumination
- Partial detachable front security panel
- EQ3 Stage 2 with selectable loudness
- Quick-BrowZer® with Jump Mode search features
- Passenger Control for iPhone® and iPod® devices³
- 2 Volt front rear RCA preamp outputs
- Digital Clarity Tuner with Radio Data System (RDS)
- Convenient wireless remote (RM-X231)
- Wired external remote control input ready⁴

Features

Integrated Bluetooth® Technology⁶

Take calls with the built-in microphone and stream audio with the DSX-M50BT receiver's Bluetooth® version 2.1 technology⁶. Connect to compatible devices and choose from hands free phone access, phonebook access or streaming audio. Display icons light up to indicate both audio and phone device pairing as well as incoming caller ID information.

Versatile front USB 1-wire input cable²

Connect, control and charge your Walkman®, iPod®, iPhone®, Android™ smartphone or other compatible USB device² while accessing your digital music files via the front USB input. You can also view metadata like song title and artist on the front display.

Powerful in-dash amplification

The redesigned, internal Dynamic Reality Amp circuitry boasts 47% lower internal resistance compared to conventional receivers, delivering 55 watts x 4 to your interior speakers. This allows you to crank up the volume while maintaining low distortion, low noise levels and smooth frequency response. Your music isn't just louder, it's clearer too.

Conformal Circuit board coating⁷

Conformal coated circuit boards protect the electronic assembly from damage due to contamination, salt spray, moisture, fungus, dust and corrosion caused by harsh or extreme environments⁷.

UV Resistant Coating

UV Resistant front panel coating protects faceplate to help prevent discoloration from the sun. Meets the standard for ASTM G154 for UV resistance.

Convenient front panel design

The easy-to-read LCD display shows source and call information, clock, station ID and track data when playing back digital files¹ from the front USB input². Front auxiliary input lets you connect almost any portable audio device to your car's sound system. For added security, a portion of the front faceplate is removable to deter theft.

Adjust the mix with EQ3

Customize the sound using the built-in EQ3, 3-band, graphic equalizer. Adjust the mix at 60 Hz, 1000 Hz and 10,000 Hz in 1 dB steps from -10 dB to +10 dB for a dynamic sound experience.

Intuitive music search features

Use Quick-BrowZer® to find music by artist, album, genre, song or playlist. Jump Mode allows you to fast forward through a category in 10% increments to help you find a specific song.

Passenger Control for iPhone®/ iPod®³

Let your passengers play DJ and control your iPhone® or iPod® directly from the device while it's still connected to the receiver. Simply hold the MODE button during playback to enter and exit Passenger Control playback mode.



RCA output for system expansion

When you're ready to expand your system, the DSX-M50BT offers 2 volt front and rear RCA pre-amp outputs for external amplifiers.

The immaculate reception

The Digital Clarity Tuner delivers industry leading signal to noise ratios, lower interference, better multipath rejection and better stereo separation. The RDS feature displays broadcast information when listening to compatible AM/FM stations.

Convenient wireless remote included

Control your receiver with the included wireless card remote (RM-X231).

Marine Remote Commander control ready⁴

This receiver is compatible with the Sony RM-X60M/L Remote Commander® Marine controller and other aftermarket adapters⁴ designed to control primary radio functions remotely. The 1/8" rear panel mounted remote input jack allows for simple connectivity.

Specifications

Max power output	55 watts x 4 at 4 ohms
Power Ad Hoc	CEA2006 Standard Power: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Speaker Impedance	4-8 Ohms

Aux-In	Front
EQ	EQ3: 3 band equalizer with +/- 10 dB adjustment at 60 Hz, 1 kHz and 10 kHz.
High Voltage Pre Out	2 Volt
Output Power (4ohm, 1kHz, 16V) (W)	55 watts x 4
Pre Out	(2) Front and Rear
USB	Front

Audio Format(s) Supported	MP3/WMA files ¹
Band	AM / FM
Equalizer	EQ3: 3 band equalizer with +/- 10 dB adjustment at 60 Hz, 1 kHz and 10 kHz.
Preout Impedance	220 ohms
Preout Voltage	2 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM (MHz): 87.5-107.9 AM (kHz): 530-1710
Tuner Type	Digital Clarity Tuner with RDS

Level Adjustment	-8dB / +18dB
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# of records connected	9 (HFP+Audio)
Call history (# of)	20 numbers

Call history browse with PBAP	Yes
Call Volume Level Control	Yes
Connection Status (maximum #)	(1) HFP/PBAP+ (1) Audio
Echo/Noise Canceler	Yes
Internal ringtone	1 (Sony Ericsson PCM)
Last dialed call	Yes
MIC GAIN Adjustment	Yes
Phonebook Access via PBAP	Yes
RF ON/OFF	Yes
Ring alert select	Internal/Cellular
Ring volume level control	Yes
Speed dial	6x1=6 memories

Audio Codec	SBC
Audio Level Adjustment	Yes (-8dB to +18dB)
CUE/REV	Yes
Meta Data Indication	Yes
PAUSE	Yes
TRACK +/-	Yes

Secure Simple Pairing	Yes
Version	Bluetooth Version 2.1

Tilt Range	0-45° mounting angle
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Key Illumination	Blue
On-Screen Clock	12H



Display Color	Black / Variable Color
Display Technology	LCD
Text Displayed	Source, artist, track, playback time, menu, clock, and Bluetooth® data
Text Lines	1 line of information

Auto off mode	Yes
Dimmer Adjust	Manual
Key Illumination Initial	Blue

Display color (Color Variation/ Nega or Pos)	Black color/Negative
Display Device (LCD/FL/OEL/TFT)	LCD
Key Illumination	Blue
Panel finish color	Black

12V Trigger Output(s)	Power remote on
Antenna Terminal(s)	AM/FM Antenna Input Terminal
Digital Audio Input(s)	Ability to use all forms of USB devices may vary as not all devices are compatible. This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. This unit cannot recognize USB devices via a USB hub. This unit can be connected to the following iPods. Update your iPod to the latest software before you use it. iPod Nano 1st - 7th generation iPod Touch 1st - 5th generation iPod Classic iPod with video iPhone iPhone 3G iPhone 3GS iPhone 4 iPhone 4S iPhone 5 If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
Infrared Port	Wireless remote
RCA Audio Output(s)	Front and Rear RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
USB Port(s)	Front

Accessory Information	Yes
CODEC (for iPod)	Depend on iPod® content
List Browsing (Folders / Files)	Quick-BrowZer®
Passenger Control	Yes

Network Carrier Information	Yes
Clock	12H
Detachable Panel	Partial detachable face
Rotary commander () :Option	Yes

A2DP	Version1.2
AVRCP	Version1.3
HFP	Version1.5
PBAP	Yes

Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	RBDS

Optional Accessories	USB connection cable for iPod®: RC-100IP
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1. Not all files may playback due to file variations. Copyright protected ACC-LC files not supported.
2. Not all USB devices are compatible. Consult www.esupport.sony.com for complete details.
3. Works with iPod touch (1st – 5th generations), iPod nano (1st– 7th generations), iPod classic, iPod with video and iPhone, 3G, 3GS, 4, 4S and 5. Passenger control is not compatible with iPod nano 1st generation.
4. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.
5. Compatible with Android smartphones supporting Mass Storage Class (MSC) devices, users required to manually select MSC/USB connection in smartphone menu for proper functionality.
6. Interoperability and compatibility among Bluetooth devices vary.
7. Not to be immersed or come in continuous contact with water.

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