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Mazda CX-5 Service & Repair Manual: Audio Unit (Without Color LCD)

[Mazda CX-5 Service & Repair Manual](#) / [Accessories](#) / [Electronics](#) / [Entertainment](#) / Audio Unit (Without Color LCD)

NOTE:

- “iPod” is a registered trademark of Apple Inc. in the United States and other countries.

Outline

- The audio unit controls the CD, radio, exterior input devices (AUX/USB/iPod) and the display.

Function

- The display integrated into the audio unit displays audio information such as CD and radio related information.
- Records the following items which the user has set.

Item		Specification
Preset memory	AM	6
	FM1	6
	FM2	6
	SIRIUS (SAT1)	6
	SIRIUS (SAT2)	6

	SIRIUS (SAT3)	6
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USB/iPod applicable

- A USB device such as USB memory or an iPod connected to the auxiliary jack/USB port can be controlled by the audio unit.

Latin character display

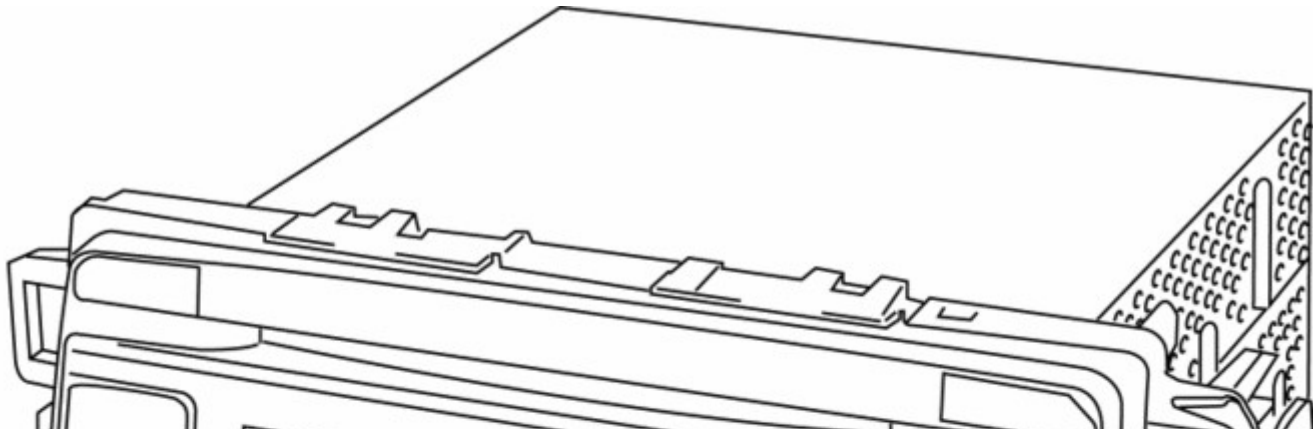
- Information such as CD and radio related information can be displayed in the audio unit display in Latin characters.

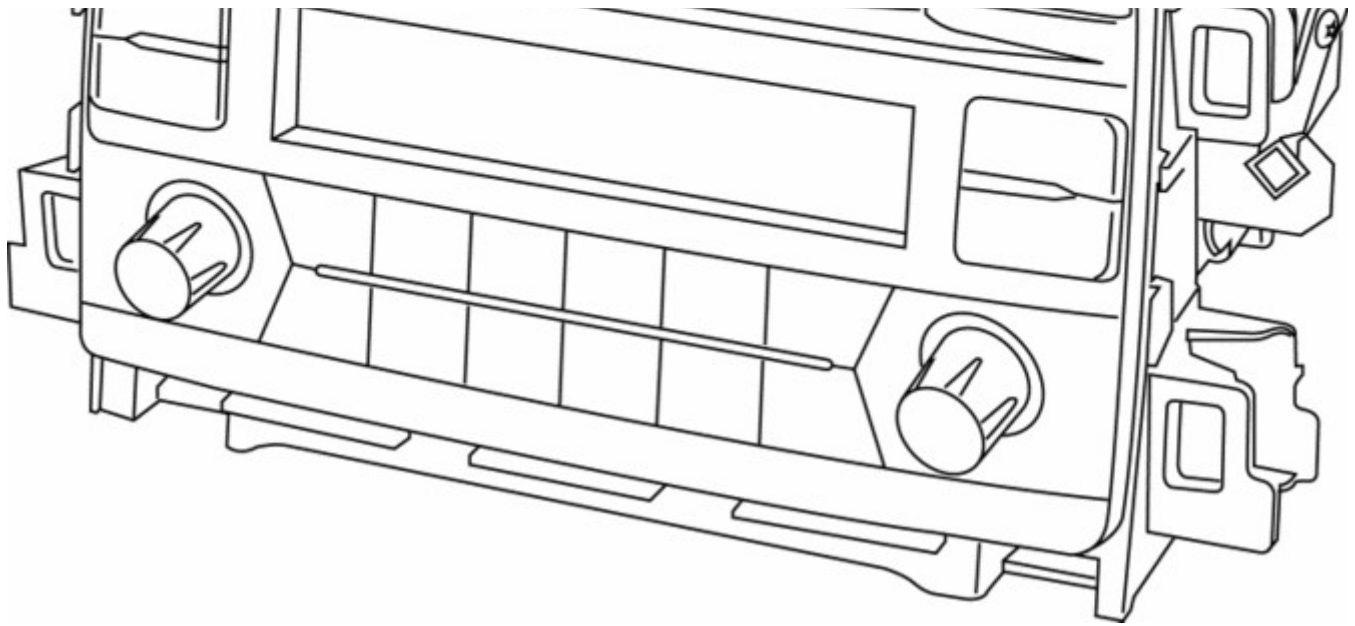
Specification

Item		Specification	
Rated voltage		(V)	12
Frequency range	AM	(kHz)	530—1,710
	FM	(MHz)	87.75—107.9
Amplifier maximum output		(W)	25?4
Output impedance		(ohm)	4

Construction

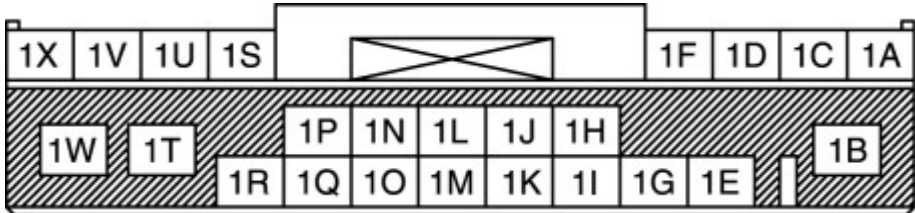
- An audio unit with integrated AM/FM tuner/MP3/WMA (Windows Media Audio)/AAC (Advanced Audio Coding) applicable CD player is assembled to the audio panel.



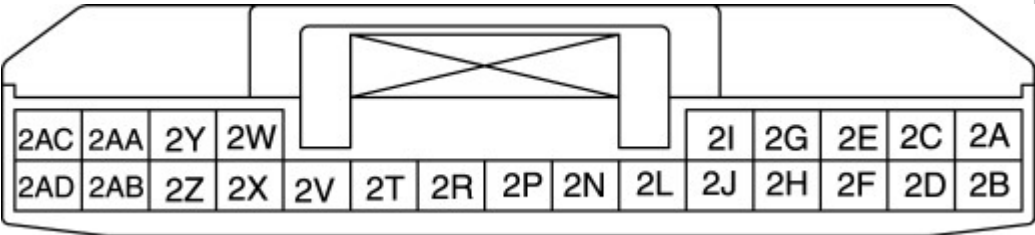


Terminal layout and signal

Audio unit

Terminal		Signal
	1A	Front door speaker LH (+)
	1B	B+
	1C	Front door speaker LH (-)
	1D	Front door speaker RH (+)
	1E	TNS (+)
	1F	Front door speaker RH (-)
	1G	TNS (-)

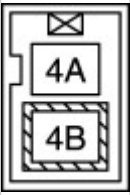
1H	—
1I	Vehicle speed signal
1J	—
1K	—
1L	—
1M	—
1N	Steering switch 1
1O	—
1P	Steering switch 2
1Q	—
1R	ACC
1S	Rear door speaker LH (+)
1T	—
1U	Rear door speaker LH (-)
1V	Rear door speaker RH (+)
1W	Power ground
1X	Rear door speaker RH (-)



2A	—
2B	—
2C	—
2D	—
2E	—
2F	—
2G	—
2H	—
2I	—
2J	—
2L	—
2N	—
2P	—
2R	—
2T	—
2V	—
2W	AUX control
2X	AUX LH, RH (-)

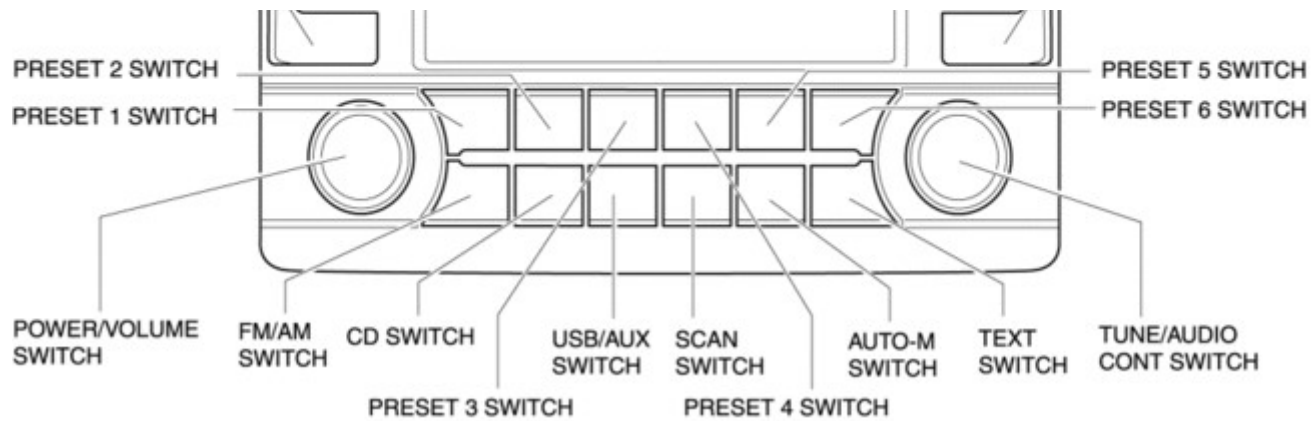
	2Y	AUX signal RH (+)
	2Z	AUX signal LH (+)
	2AA	—
	2AB	—
	2AC	—
	2AD	—
	3A	USB power ground
	3B	USB data (+)
	3C	USB power supply
	3D	USB data (-)

Antenna feeder connector

Terminal	Signal
	4A ANT CONT
4B	Antenna

Switch Location





Operation

- Refer to AUDIO SYSTEM.

Fail-safe

- Function not equipped.



Audio Unit (With Color LCD)

NOTE: “iPod” is a registered trademark of Apple Inc. in the United States and other countries. Purpose The audio unit controls the CD, radio, exterior input devices (AUX/US ...

Audio Unit Personalization Features Setting Procedure



Door Locks Systems 1. Switch the ignition ON (engine off or on). 2. Turn the audio unit power on. 3. Select the following from the audio unit screen. a. “Setup” b. “Vehicle” c. “D ...

Other materials:

[Canister Vent \(Cv\) Solenoid Valve Inspection](#)

U.S.A. And CANADA Airflow inspection 1. Disconnect the negative battery cable.. 2. Remove the CV solenoid valve.. 3. Inspect airflow between the ports under the following conditions. Measured condition Continuity between A—B When volta ...

[Rear Seat Back Trim Removal/Installation](#)

6:4 Split Type 1. Remove the trunk board.. 2. Remove the rear seat back.. 3. Remove the headrest. 4. Remove the rear seat back frame.. 5. Remove the C rings in the order of (1), (2), (3), and (4) shown in the figure, and remove the rear seat back trim from the rear seat back pad. CA ...

[Differential Oil Replacement](#)

1. Place the vehicle on level ground. 2. Remove the filler plug. 3. Remove the drain plug and drain the differential oil into a container. 4. Install a new washer and the drain plug, and tighten. Tightening torque 40—53 N·m {4.1—5.4 kgf·m, 30—39 ft·lbf} 5. Add the ...