Pioneer

DIGITAL MEDIA RECEIVER

English

MVH-S14BT

Operation Manual

Bluetooth®

Important (Serial number)
The serial number is located on the bottom of this unit. For your own security and convenience, be sure to record this number on the warranty card.

Table of Contents

Getting Started 3

Radio 6

USB 7

Bluetooth® 8

Settings 10

- **FUNCTION settings** 11
- **AUDIO settings** 11
- **SYSTEM settings** 12

Additional Information 14

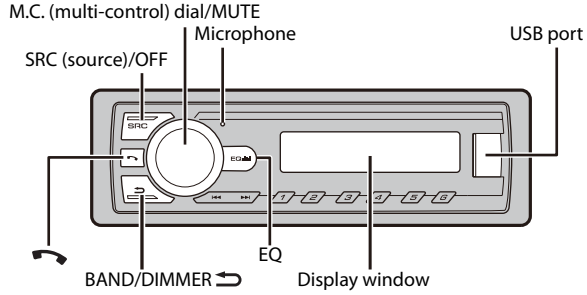
English

About this manual:

- In the following instructions, a USB memory or USB audio player are referred to as "USB device".

Getting Started

Basic operation



Frequently used operations

Purpose	Operation
Turn on the power*	Press **SRC/OFF**.
Turn off the power*	Press and hold **SRC/OFF**.
Adjust the volume	Turn the **M.C.** dial.
Select a source	Press **SRC/OFF** repeatedly.
Change the display information	Press and hold repeatedly.
Return to the previous display/list	Press **BAND**/**DIMMER**.
Return to the normal display from the menu	Press and hold **BAND**/**DIMMER** while the menu screen is displayed.
Change the display brightness	Press and hold **BAND/DIMMER**. • [DIMMER] needs to be set to [MANUAL] in the INITIAL settings (page 5).
Answer a call	Press any button.
End a call	Press .
Switch the equalizer setting	Press **EQ** repeatedly.
Search for a file from the list	Press and hold **EQ** to display a list.

Purpose	Operation
Mute or unmute sound	Press and hold the **M.C.** dial to mute. Press and hold the **M.C.** dial again to unmute.

* When this unit's blue/white lead is connected to the vehicle's auto-antenna relay control terminal, the vehicle's antenna extends when this unit's source is turned on. To retract the antenna, turn the source off.

Display indication

Indication	Description
	Appears when a lower tier of the menu or folder exists.
	Appears when the **EQ** button is pressed and held.
	Appears when random play is set.
	Appears when repeat play is set.
	Appears when a Bluetooth connection is made (page 8).

Setup menu

When you turn the ignition switch to ON after installation, [SETUP:YES] appears in the display.

1 **Press the M.C. dial.**

The setup menu disappears after 30 seconds of no operation. If you prefer not to set at this time, turn the **M.C.** dial to select [NO], then press to confirm.

2 **Turn the M.C. dial to select the options, then press to confirm.**

To proceed to the next menu option, you need to confirm your selection.

Menu Item	Description
LANG [ENG](English), [ESP](Spanish), [FRA](Canadian French)	Select the language to display.
CLOCK	Set the clock. **1** Turn the **M.C.** dial to adjust the hour, then press to confirm. The indicator moves to the minute setting automatically. **2** Turn the **M.C.** dial to adjust the minute, then press to confirm.

3 **[QUIT :YES] appears when all the settings have been made.**
To return to the first item of the setup menu, turn the **M.C.** dial to select [QUIT :NO], then press to confirm.

4 **Press the M.C. dial to confirm the settings.**

NOTES
- You can cancel the menu setting by pressing **SRC**/**OFF**.
- These settings can be made at any time from the SYSTEM settings (page 12).

Canceling the demonstration display (DEMO OFF)

1 **Press the M.C. dial to display the main menu.**

2 **Turn the M.C. dial to select [SYSTEM], then press to confirm.**

3 **Turn the M.C. dial to select [DEMO OFF], then press to confirm.**

4 **Turn the M.C. dial to select [YES], then press to confirm.**

INITIAL settings

1 **Press and hold SRC/OFF until the unit turns off.**

2 **Press the M.C. dial to display the main menu.**

3 **Turn the M.C. dial to select [INITIAL], then press to confirm.**

4 **Turn the M.C. dial to select an option, then press to confirm.**

Menu Item	Description
DIMMER [SYNC CLK], [MANUAL]	Change the display brightness. Select [SYNC CLK] to set the duration of activating dimmer. Select [MANUAL] to turn on/off dimmer by a press and hold of **BAND**/**DIMMER** ⮌ button.
RESET [YES], [NO]	Select [YES] to initialize the unit settings. The unit will be restarted automatically. (Some of the settings may be retained even after resetting the unit.)

Radio

The RDS (radio data system) function only works in areas that broadcast RDS signals for FM stations.

Best stations memory (BSM)

The six strongest stations are stored on the number buttons (**1**/ ∧ to **6**/ ⮌).

1 **After selecting the band, press the M.C. dial to display the main menu.**

2 **Turn the M.C. dial to select [FUNCTION], then press to confirm.**

3 **Turn the M.C. dial to select [BSM], then press to confirm.**

To seek a station manually

1 **After selecting the band, press ⏮/⏭ to select a station.**
Press and hold ⏮/⏭ then release to seek an available station. Scanning stops when the unit receives a station. To cancel seek tuning, press ⏮/⏭.

NOTE
[SEEK] needs to be set to [MAN] in the FUNCTION settings (page 11).

To store stations manually

1 **While receiving the station you want to store, press and hold one of the number buttons (1/ ∧ to 6/ ⮌) until it stops flashing.**

Receiving preset stations

1 **Press SRC/OFF to select [RADIO].**

2 **Press BAND/DIMMER ⮌ to select the band from [F1], [F2], [F3] or [AM].**

3 **Press a number button (1/ ∧ to 6/ ⮌).**

TIP
The ⏮/⏭ buttons can be also used to select a preset station when [SEEK] is set to [PCH] in the FUNCTION settings (page 11).

USB

Playing back

Disconnect headphones from the device before connecting it to the unit.

USB device

1 **Open the USB port cover.**

2 **Plug in the USB device using an appropriate cable.**

⚠ CAUTION

Use a USB cable (sold separately) to connect the USB device as any device connected directly to the unit will protrude out from the unit, which could be dangerous.

Before removing the device, stop playback.

Operations

Purpose	Operation
Select a folder	Press **1**/ ∧ or **2**/ ∨.
Select a track	Press ⏮ or ⏭.
Fast forward or reverse	Press and hold ⏮ or ⏭.
Search for a file from a list	**1** Press and hold **EQ** to display the list. **2** Turn the **M.C.** dial to select the desired file (folder) name, then press to confirm. **3** Turn the **M.C.** dial to select the desired file, then press to confirm. Playback starts.
View a list of the files in the selected folder	Press the **M.C.** dial when a folder is selected.
Repeat play	Press **6**/🔁.
Random play	Press **5**/🔀.
Pause/resume playback	Press **4**/▶/⏸.

Bluetooth®

Bluetooth connection

1 **Turn on the Bluetooth function of the device.**

2 **Select the unit name shown in the device display.**

3 **Make sure the same 6-digit number appears on this unit and the device.**

4 **Select "Yes" on the device.**

TIP

To detect the unit from the Bluetooth device, [VISBL] in the Bluetooth settings needs to be set to [ON]. For details on Bluetooth device operations, refer to the operating instructions supplied with the Bluetooth device.

NOTES

- Depending on the device, the PIN code is required in step 7. In this case, input [0000].
- Only one single device can be paired/registered at any one time.
- Disconnect a registered device in the [PHONE:CON] menu when you register a new device.

Bluetooth settings

1 **Press ↩ to display the phone menu.**

2 **Turn the M.C. dial to select [PHONE:SET], then press to confirm.**

Menu Item	Description
PHONE:CON [ON], [OFF]	Display the paired Bluetooth devices. "*" appears on the device name when the Bluetooth connection is established.
A CON [ON], [OFF]	Select [ON] to connect to a Bluetooth device automatically.
VISBL [ON], [OFF]	Select [ON] so that a Bluetooth device can detect the unit.
PIN CODE	Change the PIN code. **1** Press the **M.C.** dial to display the setting mode. **2** Turn the **M.C.** dial to select a number. **3** Press the **M.C.** dial to move the cursor to the next position. **4** After inputting the PIN code, press and hold the **M.C.** dial.
DEV. INFO	Switch the device information on the display between the device name and Bluetooth device address.

Bluetooth telephone

First, make a Bluetooth connection with the Bluetooth telephone (page 8).

Important

- The Bluetooth microphone is built in the grill of the product.
- Speak toward the microphone when you make a call.
- Leaving the unit on standby to connect to your phone via Bluetooth while the engine is not running can drain the vehicle's battery.
- Be sure to park your vehicle in a safe place and apply the parking brake before operation.

To answer an incoming call

1 Press any button when a call is received.

Basic operations

Purpose	Operation
Adjust the ringtone volume	Turn the **M.C.** dial during an incoming call.
End a call	Press .
Reject an incoming call	Press and hold when a call is received.
Switch between the current caller and a caller on hold	Press the **M.C.** dial.
Cancel a caller on hold	Press and hold .
Adjust the volume of the caller's voice (When private mode is on, this function is not available.)	Turn the **M.C.** dial during the call.
Turn the private mode on or off	Press **BAND**/**DIMMER**/ during the call.

Phone menu

1 Press to display the phone menu.

Menu Item	Description
ANSR [ON], [OFF]	Select [ON] to answer an incoming call automatically.
RING [ON], [OFF]	Select [ON] if the ring tone does not come out from the car speakers. Depending on the connected phone, this function may not work.
PHONE:SET	You can adjust various settings for Bluetooth connections. For details on Bluetooth settings, see page 8.

Bluetooth audio

Important

- Depending on the Bluetooth audio player connected to this unit, the available operations will be limited to the following two levels:
  – A2DP (Advanced Audio Distribution Profile) can only play back songs on your audio player.
  – AVRCP (Audio/Video Remote Control Profile) can perform functions such as playback, pause, select song, etc.
- The sound of the Bluetooth audio player will be muted when the phone is in use.
- When the Bluetooth audio player is in use, you cannot connect to a Bluetooth telephone automatically.
- Depending on the type of Bluetooth audio player you have connected to this unit, operation and information displayed may vary based on availability and functionality.

1 Make a Bluetooth connection with the Bluetooth audio player.

2 Press SRC/OFF to select [BLUETOOTH AUDIO] as the source.
Playback starts automatically.

Basic operations

You can make various adjustments in the FUNCTION settings (page 11).

Purpose	Operation
Fast forward or reverse*	Press and hold ⏮ or ⏭.
Select a track	Press ⏮ or ⏭.
Repeat play*	Press **6**/🔁.
Random play*	Press **5**/🔀.
Pause/resume playback	Press **4**/▶/⏸.
Search for a file from a list*	**1** Press and hold **EQ** to display a list. **2** Turn the **M.C.** dial to select the desired folder name, then press to confirm. **3** Turn the **M.C.** dial to select the desired file, then press to confirm. Playback starts.

* Depending on the connected device, these operations may not be available.

Settings

You can adjust various settings in the main menu.

1 Press the M.C. dial to display the main menu.

2 **Turn the M.C. dial to select one of the categories below, then press to confirm.**

- FUNCTION settings (page 11)
- AUDIO settings (page 11)
- SYSTEM settings (page 12)

3 **Turn the M.C. dial to select the options, then press to confirm.**

FUNCTION settings

The menu items vary according to the source.

Menu Item	Description
BSM RADIO	
	Store the six strongest stations on the number buttons (**1**/ to **6**/) automatically.
LOCAL RADIO	
FM: [OFF], [LV1], [LV2], [LV3], [LV4] **AM:** [OFF], [LV1], [LV2]	Restrict the tuning station according to the signal strength.
SEEK RADIO	
[MAN], [PCH]	Assign ◀◀ or ▶▶ buttons to seek the stations one by one (manual tuning) or select a station from the preset channels.
PLAY BLUETOOTH AUDIO	
	Start playback.
STOP BLUETOOTH AUDIO	
	Stop playback.

AUDIO settings

Menu Item	Description
FADER	
	Adjust the front and rear speaker balance.
BALANCE	
	Adjust the left and right speaker balance.

Menu Item	Description
BASS&TRE	
[FLAT], [CUSTOM], [EQ : 1], [EQ : 2], [EQ : 3] Select bass or treble and level to customize sound. **Tone control:** [BASS], [TRE] **Equalizer level:** [+6] to [–6]	Select the bass & treble setting.
LOUD	
[ON], [OFF]	Compensate for clear sound at low volume.
SLA	
[2] to [–1]	Adjust the volume level for each source except RADIO.

SYSTEM settings

You can also access to these menus when the unit is turned off.

Menu Item	Description
LANG	
[ENG](English), [ESP](Spanish), [FRA](Canadian French)	Select the language to display.
CLOCK	
	Set the clock (page 4).
12/24	
[12H], [24H]	Select the time notation.
AUDIO	
[ON], [OFF]	Set to [ON] when using the Bluetooth audio player connected to the unit.
PHONE:CLR	
[YES], [CANCEL]	Clear the Bluetooth device data (device information, PIN code) stored in the unit. [CLEARED] appears when data is successfully deleted.

Menu Item	Description
SCRL	
[ONE], [YES], [NO]	Select the auto text scroll setting for text information. [ONE] is to scroll text information only once.

Additional Information

Troubleshooting

The display automatically returns to the normal display.
→ No operations have been made for about 30 seconds.
– Perform an operation.

The repeat play range changes unexpectedly.
→ Depending on the repeat play range, the selected range may change when another folder or track is being selected or during fast forwarding/reversing.
– Select the repeat play range again.

A subfolder is not played back.
→ Subfolders cannot be played when [FLD] (folder repeat) is selected.
– Select another repeat play range.

The sound is intermittent.
→ You are using a device, such as a cellular phone, that may cause audible interference.
– Move electrical devices that may be causing the interference away from the unit.

The sound from the Bluetooth audio source is not played back.
→ There is a call in progress on a Bluetooth-connected cellular phone.
– The sound will be played back when the call is terminated.
→ A Bluetooth-connected cellular phone is currently being operated.
– Stop using the cellular phone.
→ The connection between the unit and the cellular phone is not established correctly after a call made by a Bluetooth-connected cellular phone.
– Make a Bluetooth connection between the unit and the cellular phone again.

Error messages

Common

NO XXXX (NO TITLE, for example)
→ There is no embedded text information.
– Switch the display or play another track/file.

USB device

READING
→ Sometimes there is a delay between the start of playback and when you start to hear any sound.
– Wait until the message disappears and you hear sound.

NO AUDIO
→ There are no songs.
– Transfer the audio files to the USB device and connect.
→ The connected USB device has security enabled.
– Follow the USB device instructions to disable the security.

SKIPPED
→ The connected USB device contains DRM protected files.
– The protected files are skipped.

PROTECT
→ All the files on the connected USB device are embedded with DRM.
– Replace the USB device.

N/A USB
→ The connected USB device is not supported by this unit.

English

– Disconnect your device and replace it with a compatible USB device.

→ Communication failed.
– Perform one of the following operations, then return to the USB source.
• Turn the ignition switch OFF and back to ON.
• Disconnect the USB device.
• Change to a different source.

→ USB device was not formatted properly.
– Format the USB device with FAT12, FAT16 or FAT32.

HUB ERR

→ The USB device connected via a USB hub is not supported by this unit.
– Connect the USB device directly to this unit using a USB cable.

CHECK:USB

→ The USB connector or USB cable has short-circuited.
– Check that the USB connector or USB cable is not caught in something or damaged.

→ The connected USB device consumes more than maximum allowable current.
– Disconnect the USB device and do not use it. Turn the ignition switch OFF and back to ACC or ON. Connect only compliant USB devices.

Handling guidelines

USB storage device

- Connections via USB hubs are not supported.
- Firmly secure the USB storage device before driving. Do not let the USB storage device fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- Depending on the USB storage device, the following problems may occur.
  – Operations may vary.
  – The storage device may not be recognized.
  – Files may not be played back properly.
  – The device may cause audible interference when you are listening to the radio.

Compressed audio compatibility

- Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.
- The unit may not work properly depending on the application used to encode WMA files.
- There may be a slight delay at the start of the playback of audio files embedded with image data, or audio files stored on a USB device with numerous folder hierarchies.

⚠ CAUTION

- Pioneer cannot guarantee compatibility with all USB mass storage devices, and assumes no responsibility for any loss of data on media players, smartphones, or other devices while using this product.
- Do not leave a USB storage device in any place that is subject to high temperatures.

English

WMA files

File extension	.wma
Bit rate	48 kbps to 320 kbps (CBR), 48 kbps to 384 kbps (VBR)
Sampling frequency	32 kHz, 44.1 kHz, 48 kHz
Windows Media Audio Professional, Lossless, Voice/DRM Stream/ Stream with video	Not compatible

MP3 files

File extension	.mp3
Bit rate	CBR (8 kbps to 320 kbps)/VBR
Sampling frequency	16 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)
Compatible ID3 tag version	2.2, 2.3, 2.4
M3u playlist	Not compatible
MP3i (MP3 interactive), mp3 PRO	Not compatible

WAV files

File extension	.wav
Quantization bits	8 and 16 (LPCM)
Sampling frequency	16 kHz to 48 kHz (LPCM)

FLAC files

- FLAC files may not be playable, depending on the encoder.

File extension	.flac
Sampling frequency	8/11.025/12/16/22.05/ 24/32/44.1/48 kHz
Quantization bit rate	16 bit
Channel mode	1/2 ch

USB device

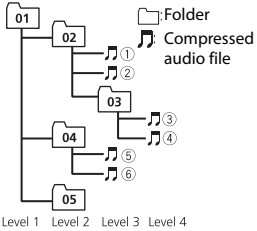
- There may be a slight delay when starting playback of audio files on a USB storage device with numerous folder hierarchies.

Playable folder hierarchy	Up to eight tiers (A practical hierarchy is less than two tiers.)
Playable folders	Up to 500
Playable files	Up to 15 000
Playback of copyright-protected files	Not compatible
Partitioned USB device	Only the first partition can be played.

Sequence of audio files

The user cannot assign folder numbers and specify playback sequences with this unit. Sequence of audio file depends on the connected device.
Note that the hidden files in a USB device cannot be played back.

Example of a hierarchy



01 to 05: Folder number
① to ⑥: Playback sequence

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FLAC

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Specifications

General

Power source:
14.4 V DC (allowable voltage range 10.8 V to 15.1 V DC)
Grounding system: Negative type
Maximum current consumption:
10.0 A
Dimensions (W × H × D):
DIN
Chassis: 178 mm × 50 mm × 79 mm (7 in. × 2 in. × 3-1/8 in.)
Nose: 188 mm × 58 mm × 17 mm (7-3/8 in. × 2-1/4 in. × 5/8 in.)
D
Chassis: 178 mm × 50 mm × 79 mm (7 in. × 2 in. × 3-1/8 in.)
Nose: 170 mm × 46 mm × 17 mm (6-3/4 in. × 1-3/4 in. × 5/8 in.)
Weight: 0.45 kg (1 lbs)

Audio

Maximum power output:
50 W × 4
Continuous power output:
22 W × 4 (50 Hz to 15 000 Hz, 5 % THD, 4 Ω load, both channels driven)
Load impedance:
4 Ω (4 Ω to 8 Ω allowable)
Preout maximum output level: 1.0 V

Loudness contour:
+10 dB (100 Hz), +2 dB (10 kHz)
(volume: –20 dB)
Equalizer (2-Band Graphic Equalizer):
Frequency: 100 Hz/10 kHz
Equalization range:
±12 dB (2 dB step)

USB

USB standard specification:
USB 2.0 full speed
Maximum current supply: 0.5 A
USB Protocol:
MSC (Mass Storage Class)
File system: FAT12, FAT16, FAT32
MP3 decoding format:
MPEG-1 & 2 Audio Layer 3
WMA decoding format:
Ver. 7, 8, 9, 9.1, 9.2 (2 ch audio)
FLAC decoding format: v1.3.0 (Free Lossless Audio Codec)
WAV signal format: Linear PCM (Non-compressed)

FM tuner

Frequency range:
87.9 MHz to 107.9 MHz
Usable sensitivity:
12 dBf ± 5 dBf (1.0 µV/75 Ω, mono, S/N: 30 dB)
Signal-to-noise ratio: 50 dB (IEC-A network)

AM tuner

Frequency range: 530 kHz to 1 710 kHz
Usable sensitivity: 28 dB µV ± 8 dB µV (S/N: 20 dB)
Signal-to-noise ratio:
45 dB (IEC-A network)

Bluetooth

Version: Bluetooth 5.4 + EDR certified
Output power:
+4 dBm Maximum (Power class 2)
Frequency band(s):
2 402 MHz to 2 480 MHz
Bluetooth profiles:
GAP (Generic Access Profile)
HFP (Hands Free Profile) 1.8
A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio/Video Remote Control Profile) 1.6.2

NOTE

Specifications and the design are subject to modifications without notice.

Register your product at

https://usa.pioneer

in Canada **https://ca.pioneer**

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