CD RDS RECEIVER
AUTORADIO CD RDS
SINTOLETTORE CD RDS
REPRODUCTOR DE CD CON RECEPTOR RDS
CD RDS-EMPFÄNGER
CD RDS-ONTVANGER
CD RDS ПРИЕМНИК

PIONEER

DEH-142UB
DEH-141UB
DEH-140UB
DEH-140UBB

Owner's Manual
Mode d'emploi
Manuale d'istruzioni
Manual de instrucciones
Bedienungsanleitung
Handleiding
Руководство пользователя

***Thank you* for purchasing this PIONEER product**

To ensure proper use, please read through this manual before using this product. It is especially important that you read and observe **WARN-ING**s and **CAUTION**s in this manual. *Please keep the manual in a safe and accessible place for future reference.*

If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private households in the member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

For countries not mentioned above, please contact your local authorities for the correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.

About this unit

The tuner frequencies on this unit are allocated for use in Western Europe, Asia, the Middle East, Africa and Oceania. Use in other areas may result in poor reception. The RDS (radio data system) function only operates in areas with broadcasting RDS signals for FM stations.

CAUTION

This product is a class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, and contains a class 1M laser module. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

CLASS 1 LASER PRODUCT

CAUTION—CLASS 1M INVISIBLE LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

⚠ CAUTION

- Do not allow this unit to come into contact with liquids. Electrical shock could result. Also, damage to this unit, smoke, and over-heating could result from contact with liquids.
- The Pioneer CarStereo-Pass is for use only in Germany.
- Always keep the volume low enough to hear outside sounds.
- Avoid exposure to moisture.
- If the battery is disconnected or discharged, any preset memory will be erased.

Note

Function setting operations are completed even if the menu is cancelled before the operations are confirmed.

About this manual

In the following instructions, USB memories and USB audio players are collectively referred to as "USB storage device".

Demo mode

Important

- Failure to connect the red lead (ACC) of this unit to a terminal coupled with ignition switch on/off operations may lead to battery drain.
- Remember that if the feature demo continues operating when the car engine is turned off, it may drain battery power.

The demo starts automatically if you do not operate this unit within about 30 seconds since the unit was last operated or if the ignition switch is set to ACC or ON while the unit is turned off. To cancel the demo mode, you need to display the initial settings. Select **DEMO** *(demo display setting)* and turn off the demo display. For details, refer to *Initial settings* on page 6.

In case of trouble

Should this unit fail to operate properly, please contact your dealer or nearest authorized PIONEER Service Station.

Head unit
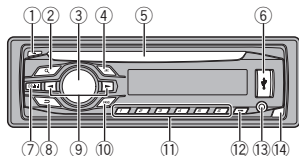
Part		Part	
①	⏏ (eject)	⑧	⮑ (back)
②	🔍 (list)	⑨	◀/▶
③	**MULTI-CONTROL** (**M.C.**)	⑩	**BAND**
④	**SRC/OFF**	⑪	**1/∧** to **6/⇄**
⑤	Disc loading slot	⑫	⏰ (clock)
⑥	USB port	⑬	AUX input jack (3.5 mm stereo jack)
⑦	EQ📊 (EQ)	⑭	Detach button

⚠ CAUTION
• Use an optional Pioneer USB cable (CD-U50E) to connect the USB audio player/USB memory as any device connected directly to the unit will protrude out from the unit and may be dangerous.
• Do not use unauthorized products.

Display indication

	Indicator	State
①	Main display section	• Tuner: band and frequency • RDS: program service name, PTY information and other literal information • Built-in CD player and USB: elapsed playback time and text information
②	🔍 (list)	The list function is being operated.
③	**LOC**	Local seek tuning is on.
④	**TA** (TA)	TA function is on.
⑤	**TP** (TP)	A TP station is tuned in.
⑥	⇄ (repeat)	Track or folder repeat is on.
⑦	✕✕ (random)	Random play is on.
⑧	**S.Rtrv** (sound retriever)	The sound retriever function is on.

Set up menu

When you turn the ignition switch to ON after installation, set up menu appears on the display. You can set up the menu options below.

1 After installation of this unit, turn the ignition switch to ON.
SET UP appears.

2 Turn M.C. to switch to YES.
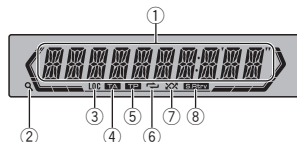▪ If you do not operate for 30 seconds, the set up menu will not be displayed.
▪ If you prefer not to set up at this time, turn **M.C.** to switch to **NO**.
If you select **NO**, you cannot set up in the set up menu.

3 Press M.C. to select.

4 Perform the following procedures to set the menu.
To proceed to the next menu option, you need to confirm your selection.

CLOCK SET (setting the clock)
1 Turn **M.C.** to adjust hour.
2 Press **M.C.** to select minute.
3 Turn **M.C.** to adjust minute.
4 Press **M.C.** to confirm the selection.

FM STEP (FM tuning step)
Normally, the FM tuning step employed by seek tuning is 50 kHz. When AF or TA is on, the tuning step automatically changes to 100 kHz. It may be preferable to set the tuning step to 50 kHz when AF is on.
• The tuning step remains at 50 kHz during manual tuning.
1 Turn **M.C.** to select the FM tuning step.
50 (50 kHz)—**100** (100 kHz)
2 Press **M.C.** to confirm the selection.

DEMO (demo display setting)
1 Turn **M.C.** to set the demo display to on or off.
2 Press **M.C.** to confirm the selection.

TITLE (multi-language)
This unit can display the text information of a compressed audio file even if they are embedded in a Western European or Russian language.
• If the embedded language and the selected language setting are not the same, text information may not display properly.
• Some characters may not be displayed properly.
1 Turn **M.C.** to select the desired setting.
EUR (European)—**RUS** (Russian)
2 Press **M.C.** to confirm the selection.
QUIT appears.

5 To finish your settings, turn M.C. to select YES.
▪ If you prefer to change your setting again, turn **M.C.** to switch to **NO**.

6 Press M.C. to select.

Notes
• You can set up the menu options in the initial settings. For details about the settings, refer to *Initial settings* on page 6.
• You can cancel set up menu by pressing **SRC/OFF**.

Basic operations

↻ Important
• Handle gently when removing or attaching the front panel.
• Avoid subjecting the front panel to excessive shock.
• Keep the front panel out of direct sunlight and high temperatures.
• To avoid damaging the device or vehicle interior, remove any cables and devices attached to the front panel before detaching it.

Operating this unit

Operating this unit

Removing the front panel to protect your unit from theft
1 Press the detach button to release the front panel.
2 Push the front panel upward (I) and then pull it toward (II) you.
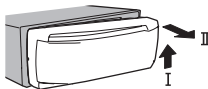
3 Always keep the detached front panel in a protection device such as a protection case.

Re-attaching the front panel
1 Slide the front panel to the left.
Make sure to insert the tabs on the left side of the head unit into the slots on the front panel.
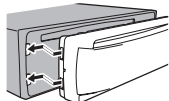
2 Press the right side of the front panel until it is firmly seated.
If you cannot attach the front panel to the head unit successfully, make sure that you are placing the front panel onto the head unit correctly. Forcing the front panel into place may result in damage to the front panel or head unit.

Turning the unit on
1 Press **SRC/OFF** to turn the unit on.

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

Selecting a source
1 Press **SRC/OFF** to cycle between:
TUNER (tuner)—**CD** (built-in CD player)—**USB** (USB)—**AUX** (AUX)

Adjusting the volume
1 Turn **M.C.** to adjust the volume.

⚠ CAUTION

For safety reasons, park your vehicle when removing the front panel.

Note
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.

Menu operations identical for set up menu/function settings/audio adjustments/initial settings/lists

Returning to the previous display
Returning to the previous list (the folder one level higher)
1 Press ⏎.

Returning to the ordinary display
Canceling the initial setting menu/set up menu
1 Press **BAND**.

Returning to the ordinary display from the list
1 Press **BAND**.

Tuner

Basic operations

Selecting a band
1 Press **BAND** until the desired band (**F1**, **F2** for FM or **MW/LW**) is displayed.

Recalling preset stations
1 Press ◄ or ►.
• If **MAN** (manual tuning) is selected in **SEEK**, you cannot recall preset stations. You need to select **PCH** (preset channel) in **SEEK**. For details about the settings, refer to **SEEK** *(left/right key setting)* on the next page.

Manual tuning (step by step)
1 Press ◄ or ►.
• If **PCH** (preset channel) is selected in **SEEK**, you cannot tune up or down manually. You need to select **MAN** (manual tuning) in **SEEK**. For details about the settings, refer to **SEEK** *(left/right key setting)* on the next page.

Seeking
1 Press and hold ◄ or ►, and then release. You can cancel seek tuning by briefly pressing ◄ or ►.
While pressing and holding ◄ or ►, you can skip stations. Seek tuning starts as soon as you release ◄ or ►.

Note
This unit's AF (alternative frequencies search) function can be turned on and off. AF should be off for normal tuning operation (refer to **AF** *(alternative frequencies search)* on the next page).

Storing and recalling stations for each band

Using preset tuning buttons

1 When you find a station that you want to store in memory, press one of the preset tuning buttons (1 to 6) and hold until the preset number stops flashing.

2 Press one of the preset tuning buttons (1 to 6) to select the desired station.

Switching the RDS display

● Press ⏎.
Program service name—PTY information—Frequency
■ PTY information and the frequency appear on the display for eight seconds.
■ Depending on the band, text information can be changed.

Using PTY functions
You can tune in to a station using PTY (program type) information.

PTY list

NEWS/INFO
NEWS (News), **AFFAIRS** (Current affairs), **INFO** (Information), **SPORT** (Sports), **WEATHER** (Weather), **FINANCE** (Finance)

POPULAR
POP MUS (Popular music), **ROCK MUS** (Rock music), **EASY MUS** (Easy listening), **OTH MUS** (Other music), **JAZZ** (Jazz), **COUNTRY** (Country music), **NAT MUS** (National music), **OLDIES** (Oldies music), **FOLK MUS** (Folk music)

CLASSICS
L. CLASS (Light classical), **CLASSIC** (Classical)

OTHERS

EDUCATE (Education), **DRAMA** (Drama), **CULTURE** (Culture), **SCIENCE** (Science), **VARIED** (Varied), **CHILDREN** (Children's), **SOCIAL** (Social affairs), **RELIGION** (Religion), **PHONE IN** (Phone in), **TOURING** (Travel), **LEISURE** (Leisure), **DOCUMENT** (Documentaries)

Function settings

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

2   Turn M.C. to change the menu option and press to select FUNCTION.

3   Turn M.C. to select the function.
After selecting, perform the following procedures to set the function.
■ If MW/LW band is selected, only **BSM**, **LOCAL** and **SEEK** are available.

BSM (best stations memory)

BSM (best stations memory) automatically stores the six strongest stations in the order of their signal strength.
1 Press **M.C.** to turn BSM on.
To cancel, press **M.C.** again.

REGION (regional)

When AF is used, the regional function limits the selection of stations to those broadcasting regional programs.
1 Press **M.C.** to turn the regional function on or off.

LOCAL (local seek tuning)

Local seek tuning lets you tune in to only those radio stations with sufficiently strong signals for good reception.
1 Press **M.C.** to select the desired setting.
FM: **OFF**—**LV1**—**LV2**—**LV3**—**LV4**
MW/LW: **OFF**—**LV1**—**LV2**
The highest level setting allows reception of only the strongest stations, while lower levels allow the reception of weaker stations.

TA (traffic announcement standby)

1 Press **M.C.** to turn traffic announcement standby on or off.

AF (alternative frequencies search)

1 Press **M.C.** to turn AF on or off.

SEEK (left/right key setting)

You can assign a function to the left and right keys of the unit.
Select **MAN** (manual tuning) to tune up or down manually or select **PCH** (preset channel) to switch between preset channels.
1 Press **M.C.** to select **MAN** or **PCH**.

CD/CD-R/CD-RW and USB storage devices
Basic operations

Playing a CD/CD-R/CD-RW
1 Insert the disc into the disc loading slot with the label side up.

Ejecting a CD/CD-R/CD-RW
1 Press ⏏.

Playing songs on a USB storage device
1 Open the USB port cover.
2 Plug in the USB storage device using a USB cable.
A song will be played automatically.

Stopping playback of files on a USB storage device
1 You may disconnect the USB storage device at any time.
The unit stops playback.

Selecting a folder
1 Press **1/∧** or **2/∨**.

Selecting a track
1 Press ◄ or ►.

Fast forwarding or reversing
1 Press and hold ◄ or ►.
• When playing compressed audio, there is no sound during fast forward or reverse.

Returning to root folder
1 Press and hold **BAND**.

Switching between compressed audio and CD-DA
1 Press **BAND**.

Note
Disconnect USB storage devices from the unit when not in use.

Displaying text information

Selecting the desired text information
1 Press ⏎.
• Depending on the version of iTunes used to write MP3 files to a disc or media file types, incompatible text stored within an audio file may be displayed incorrectly.
• Text information items that can be changed depend on the media.

Selecting and playing files/tracks from the name list

1   Press 🔍 to switch to the file/track name list mode.

2   Use M.C. to select the desired file name (or folder name).

Changing the file or folder name
1 Turn **M.C.**

Playing
1 When a file or track is selected, press **M.C.**

Viewing a list of the files (or folders) in the selected folder
1 When a folder is selected, press **M.C.**

Playing a song in the selected folder
1 When a folder is selected, press and hold **M.C.**

Advanced operations using special buttons

Selecting a repeat play range
1 Press **6/⮌** to cycle between the following:
CD/CD-R/CD-RW
• **ALL** – Repeat all tracks
• **ONE** – Repeat the current track
• **FLD** – Repeat the current folder
USB audio player/USB memory
• **ALL** – Repeat all files
• **ONE** – Repeat the current file
• **FLD** – Repeat the current folder

Playing tracks in random order
1 Press **5/✗** to turn random play on or off.
Tracks in a selected repeat range are played in random order.

Pausing playback
1 Press **4/PAUSE** to pause or resume.

Enhancing compressed audio and restoring rich sound (sound retriever)
1 Press **3/S.Rtrv** to cycle between:
OFF (off)—**1**—**2**
1 is effective for low compression rates, and **2** is effective for high compression rates.

Function settings

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

2   Turn M.C. to change the menu option and press to select FUNCTION.

3   Turn M.C. to select the function.
After selecting, perform the following procedures to set the function.

REPEAT (repeat play)

1 Press **M.C.** to select a repeat play range.
For details, refer to *Selecting a repeat play range* on the previous page.

RANDOM (random play)

1 Press **M.C.** to turn random play on or off.

PAUSE (pause)

1 Press **M.C.** to pause or resume.

S.RTRV (sound retriever)

Automatically enhances compressed audio and restores rich sound.
1 Press **M.C.** to select the desired setting.
For details, refer to *Enhancing compressed audio and restoring rich sound (sound retriever)* on the previous page.

Audio adjustments

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

2   Turn M.C. to change the menu option and press to select AUDIO.

3   Turn M.C. to select the audio function.
After selecting, perform the following procedures to set the audio function.

FAD/BAL (fader/balance adjustment)

1 Press **M.C.** to display the setting mode.
2 Press **M.C.** to cycle between fader (front/rear) and balance (left/right).
3 Turn **M.C.** to adjust speaker balance.

PRESET EQ (equalizer recall)

1 Press **M.C.** to display the setting mode.
2 Turn **M.C.** to select the equalizer.
DYNAMIC—VOCAL—NATURAL—CUSTOM
—FLAT—POWERFUL
3 Press **M.C.** to confirm the selection.
• You can also switch the equalizer by pressing EQ (EQ) repeatedly.

TONE CTRL (equalizer adjustment)

• Adjusted equalizer curve settings are stored in **CUSTOM**.
1 Press **M.C.** to display the setting mode.
2 Press **M.C.** to select **BASS** (bass)/**MID** (mid)/**TREBLE** (treble).
3 Turn **M.C.** to adjust the level.
Adjustment range: **+6** to **–6**

LOUD (loudness)

Loudness compensates for deficiencies in the low-frequency and high-frequency ranges at low volume.
1 Press **M.C.** to select the desired setting.
OFF (off)—**LOW**(low)—**HI** (high)

SLA (source level adjustment)

SLA (Source level adjustment) lets you adjust the volume level of each source to prevent radical changes in volume when switching between sources.
• Settings are based on the FM volume level, which remains unchanged.
• The MW/LW volume level can also be adjusted with this function.
• When selecting FM as the source, you cannot switch to **SLA**.
1 Press **M.C.** to display the setting mode.
2 Turn **M.C.** to adjust the source volume.
Adjustment range: **+4** to **–4**
3 Press **M.C.** to confirm the selection.

Initial settings

Important

PW SAVE (power saving) is cancelled if the vehicle battery is disconnected and will need to be turned back on once the battery is reconnected. When **PW SAVE** (power saving) is off, depending on connection methods, the unit may continue to draw power from the battery if your vehicle's ignition doesn't have an ACC (accessory) position.

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

2   Display the function name.
▪ (DEH-142UB, DEH-140UB and DEH-140UBB)
Press **SRC/OFF** and hold until function name appears in the display.
▪ (DEH-141UB)
Press **M.C.** and hold until function name appears in the display.

3   Turn M.C. to select the initial setting.
After selecting, perform the following procedures to set the initial setting.

CLOCK SET (setting the clock)

1 Press **M.C.** to display the setting mode.
2 Press **M.C.** to select the segment of the clock display you wish to set.
Hour—Minute
3 Turn **M.C.** to adjust the clock.

FM STEP (FM tuning step)

Normally, the FM tuning step employed by seek tuning is 50 kHz. When AF or TA is on, the tuning step automatically changes to 100 kHz. It may be preferable to set the tuning step to 50 kHz when AF is on.
• The tuning step remains at 50 kHz during manual tuning.
1 Press **M.C.** to select the FM tuning step.
50 (50 kHz)—**100** (100 kHz)

AUTO-PI (auto PI seek)

The unit can automatically search for a different station with the same programming, even during preset recall.
1 Press **M.C.** to turn Auto PI seek on or off.

AUX (auxiliary input)

Activate this setting when using an auxiliary device connected to this unit.
1 Press **M.C.** to turn **AUX** on or off.

USB PNP (plug and play)

This setting allows you to switch your source to **USB** automatically.
1 Press **M.C.** to turn the plug and play function on or off.
ON – When USB storage device is connected, depending on the type of device, the source is automatically switched to **USB** when you turn on the engine. If you disconnect your USB storage device, this unit's source is turned off.
OFF – When USB storage device is connected, the source is not switched to **USB** automatically. Please change the source to **USB** manually.

Operating this unit

DEMO (demo display setting)

1 Press **M.C.** to turn the demo display on or off.
• If **PW SAVE** is on, **DEMO** cannot be selected.

SCROLL (scroll mode setting)

When ever scroll is set to **ON**, recorded text information scrolls continuously in the display. Set to **OFF** if you prefer the information to scroll just once.
1 Press **M.C.** to turn the ever scroll on or off.

TITLE (multi-language)

This unit can display the text information of a compressed audio file even if they are embedded in a Western European or Russian language.
• If the embedded language and the selected language setting are not the same, text information may not display properly.
• Some characters may not be displayed properly.
1 Press **M.C.** to select the desired setting.
EUR (European)—**RUS** (Russian)

PW SAVE (power saving)

Only for DEH-142UB, DEH-140UB and DEH-140UBB.
Switching this function on enables you to reduce the consumption of battery power.
• Turning on the source is the only operation allowed when this function is on.
1 Press **M.C.** to turn the power save on or off.

Using an AUX source

1 Insert the stereo mini plug into the AUX input jack.

2 Press SRC/OFF to select AUX as the source.

Note
AUX cannot be selected unless the auxiliary setting is turned on. For more details, refer to **AUX** *(auxiliary input)* on the previous page.

Turning the clock display on or off

● **Press ⏲ to turn the clock display on or off.**
• The clock display disappears temporarily when you perform other operations, but the clock display appears again after 25 seconds.

Sound muting

Only for DEH-142UB, DEH-140UB and DEH-140UBB.
Sound is muted automatically when:
• A call is made or received using a cell phone connected to this unit.
• Voice guidance is output from a connected Pioneer navigation unit.
The sound is turned off, **MUTE** is displayed and no audio adjustments, except volume control, are possible. Operation returns to normal when the phone connection or the voice guidance is ended.

Installation

Connections

⊖- **Important**
• When installing this unit in a vehicle without an ACC (accessory) position on the ignition switch, failure to connect the red cable to the terminal that detects operation of the ignition key may result in battery drain.

ACC position   No ACC position

• Use of this unit in conditions other than the following could result in fire or malfunction.
— Vehicles with a 12-volt battery and negative grounding.
— Speakers with 50 W (output value) and 4 ohm to 8 ohm (impedance value).
• To prevent a short-circuit, overheating or malfunction, be sure to follow the directions below.
— Disconnect the negative terminal of the battery before installation.
— Secure the wiring with cable clamps or adhesive tape. Wrap adhesive tape around wiring that comes into contact with metal parts to protect the wiring.
— Place all cables away from moving parts, such as the shift lever and seat rails.
— Place all cables away from hot places, such as near the heater outlet.
— Do not connect the yellow cable to the battery by passing it through the hole to the engine compartment.
— Cover any disconnected cable connectors with insulating tape.
— Do not shorten any cables.
— Never cut the insulation of the power cable of this unit in order to share the power with other devices. The current capacity of the cable is limited.
— Use a fuse of the rating prescribed.
— Never wire the negative speaker cable directly to ground.
— Never band together negative cables of multiple speakers.
• When this unit is on, control signals are sent through the blue/white cable. Connect this cable to the system remote control of an external power amp or the vehicle's auto-antenna relay control terminal (max. 300 mA 12 V DC). If the vehicle is equipped with a glass antenna, connect it to the antenna booster power supply terminal.
• Never connect the blue/white cable to the power terminal of an external power amp. Also, never connect it to the power terminal of the auto antenna. Doing so may result in battery drain or a malfunction.
• The black cable is ground. Ground cables for this unit and other equipment (especially, high-current products such as power amps) must be wired separately. If they are not, an accidental detachment may result in a fire or malfunction.

This unit
DEH-142UB, DEH-140UB and DEH-140UBB
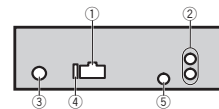
DEH-141UB
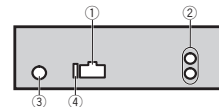
① Power cord input
② Rear output

Autogood products «130»

③ Antenna input
④ Fuse (10 A)
⑤ Wired remote input
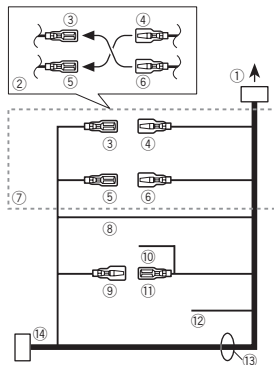Hard-wired remote control adaptor can be connected (sold separately).

Power cord

① To power cord input
② Depending on the kind of vehicle, the function of ③ and ⑤ may be different. In this case, be sure to connect ④ to ⑤ and ⑥ to ③.
③ Yellow
Back-up (or accessory)
④ Yellow
Connect to the constant 12 V supply terminal.
⑤ Red
Accessory (or back-up)
⑥ Red
Connect to terminal controlled by ignition switch (12 V DC).
⑦ Connect leads of the same color to each other.

⑧ Black (chassis ground)
⑨ Blue/white
The pin position of the ISO connector will differ depending on the type of vehicle. Connect ⑨ and ⑪ when Pin 5 is an antenna control type. In another type of vehicle, never connect ⑨ and ⑪.
⑩ Blue/white
Connect to system control terminal of the power amp (max. 300 mA 12 V DC).
⑪ Blue/white
Connect to auto-antenna relay control terminal (max. 300 mA 12 V DC).
⑫ Yellow/black
Only for DEH-142UB, DEH-140UB and DEH-140UBB.
If you use an equipment with Mute function, wire this lead to the Audio Mute lead on that equipment. If not, keep the Audio Mute lead free of any connections.
⑬ Speaker leads
White: Front left ⊕
White/black: Front left ⊖
Gray: Front right ⊕
Gray/black: Front right ⊖
Green: Rear left ⊕
Green/black: Rear left ⊖
Violet: Rear right ⊕
Violet/black: Rear right ⊖
⑭ ISO connector
In some vehicles, the ISO connector may be divided into two. In this case, be sure to connect to both connectors.

Power amp (sold separately)

Perform these connections when using the optional amplifier.
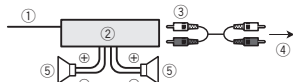
① System remote control
Connect to Blue/white cable.
② Power amp (sold separately)
③ Connect with RCA cables (sold separately)
④ To Rear output
⑤ Rear speaker

Installation

Important

• Check all connections and systems before final installation.
• Do not use unauthorized parts as this may cause malfunctions.
• Consult your dealer if installation requires drilling of holes or other modifications to the vehicle.
• Do not install this unit where:
— it may interfere with operation of the vehicle.
— it may cause injury to a passenger as a result of a sudden stop.
• The semiconductor laser will be damaged if it overheats. Install this unit away from hot places such as near the heater outlet.
• Optimum performance is obtained when the unit is installed at an angle of less than 60°.

• When installing, to ensure proper heat dispersal when using this unit, make sure you leave ample space behind the rear panel and wrap any loose cables so they are not blocking the vents.

Leave ample space
5 cm
5 cm
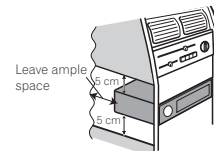
DIN front/rear mount

This unit can be properly installed using either front-mount or rear-mount installation.
Use commercially available parts when installing.

DIN Front-mount

1 Insert the mounting sleeve into the dashboard.
For installation in shallow spaces, use the supplied mounting sleeve. If there is enough space, use the mounting sleeve that came with the vehicle.

2 Secure the mounting sleeve by using a screwdriver to bend the metal tabs (90°) into place.
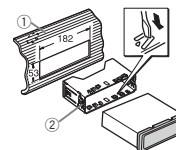
① Dashboard

② Mounting sleeve

3 Install the unit as illustrated.
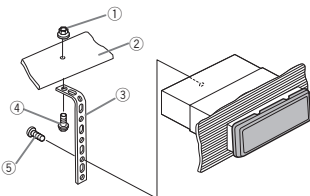
① Nut
② Firewall or metal support
③ Metal strap
④ Screw
⑤ Screw (M4 × 8)

▪ Make sure that the unit is installed securely in place. An unstable installation may cause skipping or other malfunctions.

DIN Rear-mount

1 Determine the appropriate position where the holes on the bracket and the side of the unit match.

2 Tighten two screws on each side.

① Tapping screw (5 mm × 8 mm)

② Mounting bracket
③ Dashboard or console

Removing the unit

1 Remove the trim ring.

① Trim ring
② Notched tab
• Releasing the front panel allows easier access to the trim ring.
• When reattaching the trim ring, point the side with the notched tab down.

2 Insert the supplied extraction keys into both sides of the unit until they click into place.

3 Pull the unit out of the dashboard.

Removing and re-attaching the front panel

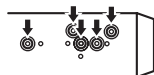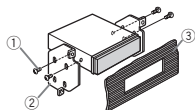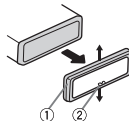You can remove the front panel to protect your unit from theft.
Press the detach button and push the front panel upward and pull it toward you.
For details, refer to *Removing the front panel to protect your unit from theft* and *Re-attaching the front panel* on page 4.

Troubleshooting

Symptom	Cause	Action
The display illumination turns on and off at random.	Demo mode is on.	Turn off the demo display setting.
The clock is not displayed when the clock display is turned on.	Demo mode is on.	Turn off the demo display setting.
The display automatically returns to the ordinary display.	You did not perform any operation within about 30 seconds.	Perform operation again.
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.
NO XXXX appears when a display is changed (**NO TITLE**, for example).	There is no embedded text information.	Switch the display or play another track/file.

Symptom	Cause	Action
The unit is malfunctioning. There is interference.	You are using a device, such as a cellular phone, that transmits electric waves near the unit.	Move electrical devices that may be causing the interference away from the unit.

Error messages

When you contact your dealer or your nearest Pioneer Service Center, be sure to note the error message.

Built-in CD Player

Message	Cause	Action
ERROR-07, 11, 12, 17, 30	The disc is dirty.	Clean the disc.
	The disc is scratched.	Replace the disc.
ERROR-07, 10, 11, 12, 15, 17, 30, A0	There is an electrical or mechanical error.	Turn the ignition switch OFF and back ON, or switch to a different source, then back to the CD player.
ERROR-15	The inserted disc is blank.	Replace the disc.
ERROR-23	Unsupported CD format.	Replace the disc.
FRMT READ	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.

En **9**

Additional information

Message	Cause	Action
NO AUDIO	The inserted disc does not contain any playable files.	Replace the disc.
SKIPPED	The inserted disc contains DRM protected files.	Replace the disc.
PROTECT	All the files on the inserted disc are embedded with DRM.	Replace the disc.

USB storage device

Message	Cause	Action
NO DEVICE	When plug and play is off, no USB storage device is connected.	• Turn the plug and play on. • Connect a compatible USB storage device.
FRMT READ	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 storage device and connect.
	The connected USB storage device has security enabled.	Follow the USB storage device instructions to disable the security.

Message	Cause	Action
SKIPPED	The connected USB storage device contains files embedded with Windows Media™ DRM 9/10.	Play an audio file not embedded with Windows Media DRM 9/10.
PROTECT	All the files in the USB storage device are embedded with Windows Media DRM 9/10.	Transfer audio files not embedded with Windows Media DRM 9/10 to the USB storage device and connect.
N/A USB	The USB device connected to is not supported by this unit.	• Connect a USB Mass Storage Class compliant device. • Disconnect your device and replace it with a compatible USB storage device.
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 storage device consumes more than 500 mA (maximum allowable current).	Disconnect the USB storage device and do not use it. Turn the ignition switch to OFF, then to ACC or ON and then connect only compliant USB storage devices.

Message	Cause	Action
ERROR-19	Communication failed.	Perform one of the following operations. –Turn the ignition switch OFF and back ON. –Disconnect the USB storage device. –Change to a different source. Then, return to the USB source.
ERROR-23	USB storage device was not formatted with FAT16 or FAT32.	USB storage device should be formatted with FAT16 or FAT32.

Handling guidelines

Discs and player

Use only discs that feature either of the following two logos.

Use only conventional, fully circular discs. Do not use shaped discs.

Do not insert anything other than a CD into the CD loading slot.

Do not use cracked, chipped, warped, or otherwise damaged discs as they may damage the player.

Unfinalized CD-R/RW discs cannot be played back.

Do not touch the recorded surface of the discs.

Store discs in their cases when not in use.

Do not attach labels, write on or apply chemicals to the surface of the discs.

To clean a CD, wipe the disc with a soft cloth outward from the center.

Condensation may temporarily impair the player's performance. Let it rest for about one hour to adjust to a warmer temperature. Also, wipe any damp discs off with a soft cloth.

Playback of discs may not be possible because of disc characteristics, disc format, recorded application, playback environment, storage conditions, and so on.

Road shocks may interrupt disc playback.

When using discs that can be printed on label surfaces, check the instructions and the warnings of the discs. Depending on the discs, inserting and ejecting may not be possible. Using such discs may result in damage to this equipment.

Do not attach commercially available labels or other materials to the discs.
• The discs may warp making the disc unplayable.
• The labels may come off during playback and prevent ejection of the discs, which may result in damage to the equipment.

Additional information

Additional information

USB storage device

Connections via USB hub are not supported.
Do not connect anything other than a USB storage device.
Firmly secure the USB storage device when 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 generate noise in the radio.

DualDiscs

DualDiscs are two-sided discs that have a recordable CD for audio on one side and a recordable DVD for video on the other.
Since the CD side of DualDiscs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this unit. Frequent loading and ejecting of a DualDisc may result in scratches on the disc. Serious scratches can lead to playback problems on this unit. In some cases, a DualDisc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using DualDisc with this unit.
Please refer to the information from the disc manufacturer for more detailed information about DualDiscs.

Compressed audio compatibility (disc, USB)

WMA

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

File extension: .mp3
Bit rate: 8 kbps to 320 kbps (CBR), VBR
Sampling frequency: 16 kHz to 48 kHz (32 kHz, 44.1 kHz, 48 kHz for emphasis)
Compatible ID3 tag version: 1.0, 1.1, 2.2, 2.3, 2.4 (ID3 tag Version 2.x is given priority over Version 1.x.)
M3u playlist: Not compatible
MP3i (MP3 interactive), mp3 PRO: Not compatible

WAV

File extension: .wav
Quantization bits: 8 and 16 (LPCM), 4 (MS ADPCM)
Sampling frequency: 16 kHz to 48 kHz (LPCM), 22.05 kHz and 44.1 kHz (MS ADPCM)

Supplemental information

Only the first 32 characters can be displayed as a file name (including the file extension) or a folder name.
Russian text to be displayed on this unit should be encoded in one of the following character sets: • Unicode (UTF-8, UTF-16) • A character set other than Unicode that is used in a Windows environment and is set to Russian in the multi-language setting
This unit may not operate correctly depending on the application used to encode WMA files.
There may be a slight delay at the start of playback of audio files embedded with image data or audio files stored on a USB storage device that has numerous folder hierarchies.

Disc

Playable folders: up to 99
Playable files: up to 999
File system: ISO 9660 Level 1 and 2, Romeo, Joliet
Multi-session playback: Compatible
Packet write data transfer: Not compatible
Regardless of the length of blank sections between the songs from the original recording, compressed audio discs play with a short pause between songs.

USB storage device

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 storage device: Only the first partition can be played.
There may be a slight delay when starting playback of audio files on a USB storage device with numerous folder hierarchies.

⚠ CAUTION

Do not leave discs or a USB storage device in any place that is subject to high temperatures.

Sequence of audio files

The user cannot assign folder numbers and specify playback sequences with this unit.

Example of a hierarchy

: Folder
: Compressed audio file
01 to 05: Folder number
① to ⑥: Playback sequence

Level 1   Level 2   Level 3   Level 4
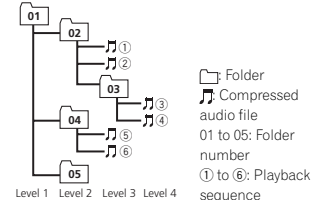
Disc

Folder selection sequence or other operation may differ depending on the encoding or writing software.

USB storage device

Playback sequence is the same as recorded sequence in the USB storage device.
To specify the playback sequence, the following method is recommended.

1 Create a file name that includes numbers that specify the playback sequence (e.g., 001xxx.mp3 and 099yyy.mp3).
2 Put those files into a folder.
3 Save the folder containing files on the USB storage device.
However, depending on the system environment, you may not be able to specify the playback sequence.
For USB portable audio players, the sequence is different and depends on the player.

Russian character chart

D : C	D : C	D : C	D : C	D : C
Ａ : А	Б : Б	В : В	Г : Г	Д : Д
Е : Е, Ё	Ж : Ж	З : З	И : И, Й	К : К
Л : Л	М : М	Н : Н	О : О	П : П
Р : Р	С : С	Т : Т	У : У	Ф : Ф
Х : Х	Ц : Ц	Ч : Ч	Ш : Ш, Щ	Ъ : Ъ
Ы : Ы	Ь : Ь	Э : Э	Ю : Ю	Я : Я

D: Display **C**: Character

Copyright and trademark

iTunes
Apple and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries.

MP3
Supply of this product only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit http://www.mp3licensing.com.

WMA
Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
This product includes technology owned by Microsoft Corporation and cannot be used or distributed without a license from Microsoft Licensing, Inc.

Specifications

General
Power source .... 14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system .... Negative type
Maximum current consumption
.... 10.0 A
Dimensions (W × H × D):
DIN
Chassis .... 178 mm × 50 mm × 165 mm
Nose .... 188 mm × 58 mm × 16 mm
D
Chassis .... 178 mm × 50 mm × 165 mm
Nose .... 170 mm × 46 mm × 16 mm
Weight .... 1.2 kg

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
.... 2.0 V
Tone controls:
Bass
Frequency .... 100 Hz
Gain .... ±12 dB
Mid
Frequency .... 1 kHz
Gain .... ±12 dB
Treble
Frequency .... 10 kHz
Gain .... ±12 dB

CD player
System .... Compact disc audio system
Usable discs .... Compact disc
Signal-to-noise ratio .... 94 dB (1 kHz) (IEC-A network)
Number of channels .... 2 (stereo)
MP3 decoding format ...... MPEG-1 & 2 Audio Layer 3

WMA decoding format ..... Ver. 7, 7.1, 8, 9, 10, 11, 12 (2 ch audio) (Windows Media Player)
WAV signal format .... Linear PCM & MS ADPCM (Non-compressed)

USB
USB standard specification
.... USB 2.0 full speed
Maximum current supply
.... 500 m A
Minimum memory capacity
.... 256 MB
USB Class .... MSC (Mass Storage Class)
File system FAT16, FAT32
MP3 decoding format ...... MPEG-1 & 2 Audio Layer 3
WMA decoding format ..... Ver. 7, 7.1, 8, 9, 10, 11, 12 (2 ch audio) (Windows Media Player)
WAV signal format .... Linear PCM & MS ADPCM (Non-compressed)

FM tuner
Frequency range .... 87.5 MHz to 108.0 MHz
Usable sensitivity .... 11 dBf (0.7 µV/75 Ω mono, S/N: 30 dB)
Signal-to-noise ratio .... 72 dB (IEC-A network)

MW tuner
Frequency range .... 531 kHz to 1 602 kHz
Usable sensitivity .... 25 µV (S/N: 20 dB)
Signal-to-noise ratio .... 62 dB (IEC-A network)

LW tuner
Frequency range .... 153 kHz to 281 kHz
Usable sensitivity .... 28 µV (S/N: 20 dB)
Signal-to-noise ratio .... 62 dB (IEC-A network)

Note
Specifications and the design are subject to modifications without notice.

http://www.pioneer.eu

Visit **www.pioneer.co.uk** (or **www.pioneer.eu**) to register your product.
Visitez **www.pioneer.fr** (ou **www.pioneer.eu**) pour enregistrer votre appareil.
Si prega di visitare il sito **www.pioneer.it** (o **www.pioneer.eu**) per registrare il prodotto.
Visite **www.pioneer.es** (o **www.pioneer.eu**) para registrar su producto.
Zum Registrieren Ihres Produktes besuchen Sie bitte **www.pioneer.de** (oder **www.pioneer.eu**) .
Bezoek **www.pioneer.nl** (of **www.pioneer.eu**) om uw product te registreren.
Посетите **www.pioneer-rus.ru** (или **www.pioneer.eu**) для регистрации приобретенного Вами изделия.

Pioneer CarStereo-Pass

Bitte bei Kauf sofort ausfüllen.
Please fill out immediately after purchase.

Eingravierte 14-stellige Serien-Nummer:
Engraved 14-digit serial number:

P	I													

Kaufdatum:
Date of purchase:

Händler-Stempel
Dealer's stamp

Le Pioneer CarStereo-Pass est utilisable seulement en Allemagne.

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