

JVC

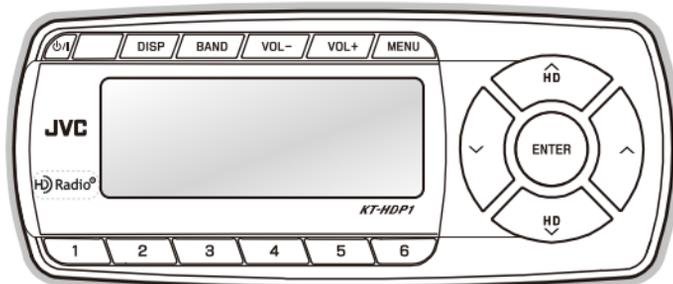
ENGLISH

ESPAÑOL

TRANSPORTABLE HD RADIO™ RECEIVER RECEPTOR TRANSPORTABLE DE HD RADIO™

KT-HDP1

HD Radio®



INSTRUCTIONS MANUAL DE INSTRUCCIONES

For customer Use:

Enter below the Model No. and Serial No. which are located on the top or bottom of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____



WARNINGS

FCC Warning: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in this User Guide. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if

not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Operating Temperature

The receiver is designed to operate between -20°C (-4°F) to $+70^{\circ}\text{C}$ (158°F).

Avoid leaving the receiver in a vehicle or elsewhere where the temperature may fall outside this range. Extreme temperatures or extreme temperature fluctuations can degrade the performance of the LCD display screen, and possibly damage it.

Cleaning and Maintenance

If the receiver or accessories become dirty, turn the power off and wipe it clean with a soft cloth. Do not use hard

cloths, strong cleaning fluids, paint thinner, alcohol, or other volatile solvents to clean. These may cause damage to the receiver.

Caution:

Changes or modifications not approved by JVC could void the user's authority to operate the equipment.



CAUTIONS

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

Liquid Crystal Precautions

- If the liquid crystal fluid comes in contact with your skin, wipe the skin area with a cloth and then wash the skin thoroughly with soap and running water.
- If the liquid crystal fluid gets into your eye, flush the eye with clean water for at least 15 minutes. Seek medical care.
- If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Seek

medical care.

Safety Precautions

Be sure to observe the following warnings. Failure to follow these safety instructions and warnings may result in a serious accident.

- Do not operate the receiver in a way that might divert your attention from driving safely. As a driver, you alone are responsible for safely operating your vehicle in accordance with traffic safety laws at all times.
- Do not install the receiver where it may obstruct your view through the windshield, or of your vehicle's indicator displays.
- Do not install the receiver where it may hinder the function of safety

devices such as an airbag. Doing so may prevent the airbag from functioning properly in the event of an accident.

Be sure the receiver and accessories are installed as described in the installation instructions which accompany each accessory kit.

To avoid short circuits, do not open the receiver or accessories, and never put or leave any metallic objects (coins, tools, etc.) inside the receiver.

If the receiver or accessories emits smoke or unusual odors, turn the power off immediately, and disconnect the receiver from any power source.

Do not drop the receiver or subject it to strong shocks.

If the receiver doesn't seem to be working properly, turn the receiver off, wait 10 seconds, replace the battery and then turn it on again.

The installation and use suggestions contained in this manual are subject to any restrictions or limitations that may be imposed by applicable law. The purchaser should check applicable law for any restrictions or limitations before installing and/or operating this unit.



[European Union only]

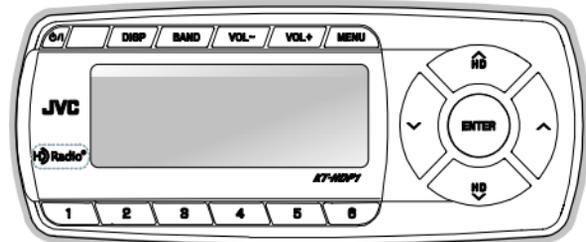
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Package Contents

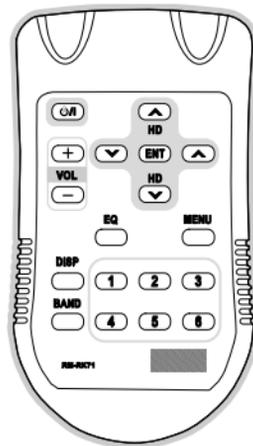
1. HD Radio receiver



2. Cigarette lighter adapter



3. Remote control with battery



For USA-California Only

This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material—special handling may apply.

See www.dtsc.ca.gov/hazardouswaste/perchlorate

Warning

- Do not install any battery other than CR2025 or its equivalent; otherwise, it may explode.
- Store the battery in a place where children cannot reach to avoid risk of accident.
- To prevent the battery from over-heating, cracking, or starting a fire;
 - Do not recharge, short, disassemble, heat the battery, or dispose of it in fire.
 - Do not leave the battery with other metallic materials.
 - Do not poke the battery with tweezers or similar tools.
 - Wrap the battery with tape and insulate when throwing away or saving it.

Note! You will need to purchase an additional Home or Car installation kit to use your KT-HDP1.

Optional Accessories (Sold Separately)

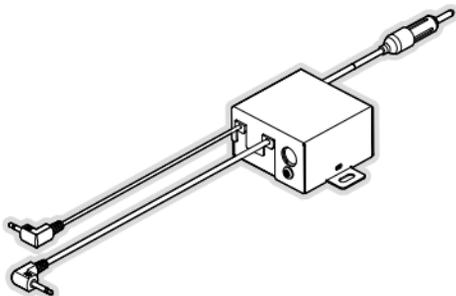
1. Car Kit [KV-K1017]

“Professional” Installation Kit (Optional)

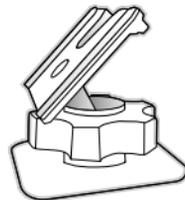
(a) Cable clip



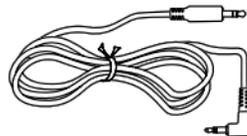
(b) Connection unit



(c) Dash mount

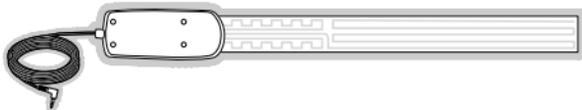


(d) Audio cable

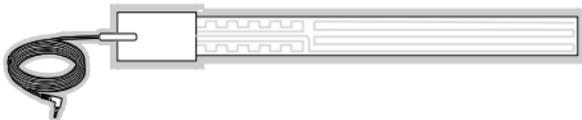


2. Car Kit [KV-K1018] “Do it Yourself” Installation Kit (Optional)

(a) Input antenna (Sleeve type)



(b) Output antenna (Sleeve type)



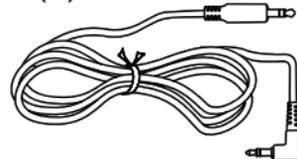
(c) Cable clip



(d) Suction cup

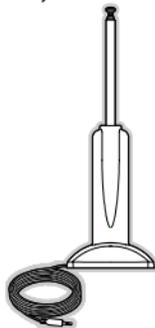


(e) Audio cable

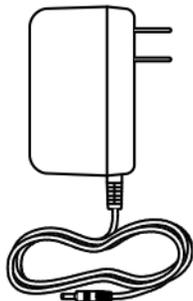


3. Home Kit [KV-K1019] (Optional)

(a) Home (Input) antenna



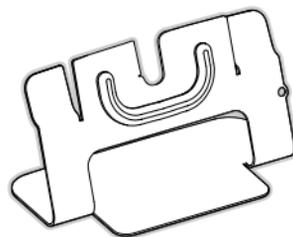
(b) AC adapter



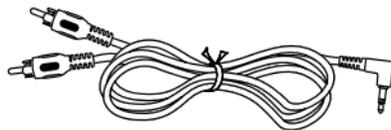
(c) Cable clip



(d) Home stand



(e) Audio cable



Installation for Car Use

There are two ways for installation: “**Professional**” installation and “**Do it Yourself**” installation.

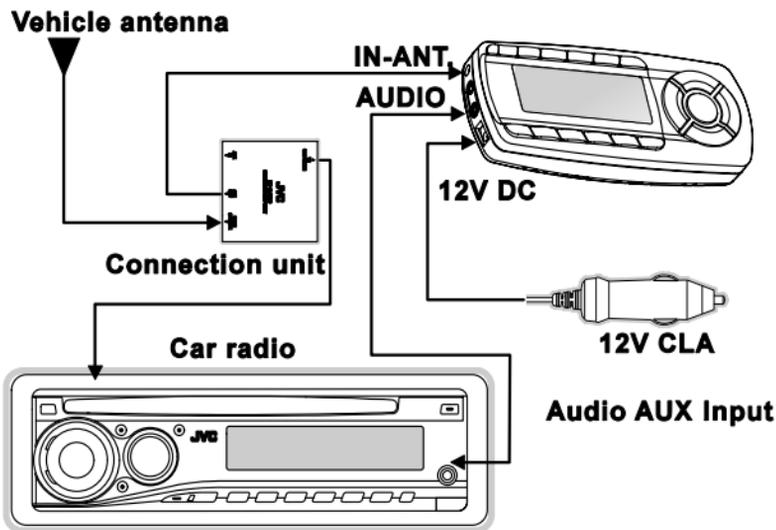
“Professional” Installation

Professional installation requires an experienced technician to install this product in your vehicle, and provides advice for selecting a suitable mounting location, installation of the antenna, and routing all the necessary wires and cables.

● “Professional ” Installation- Type (A)

Professional installation-type (A) is for car radios with an *AUX-IN (audio input)* function. Please locate the AUX-IN (audio input)’s location and determine whether it is in front or rear of the car radio.

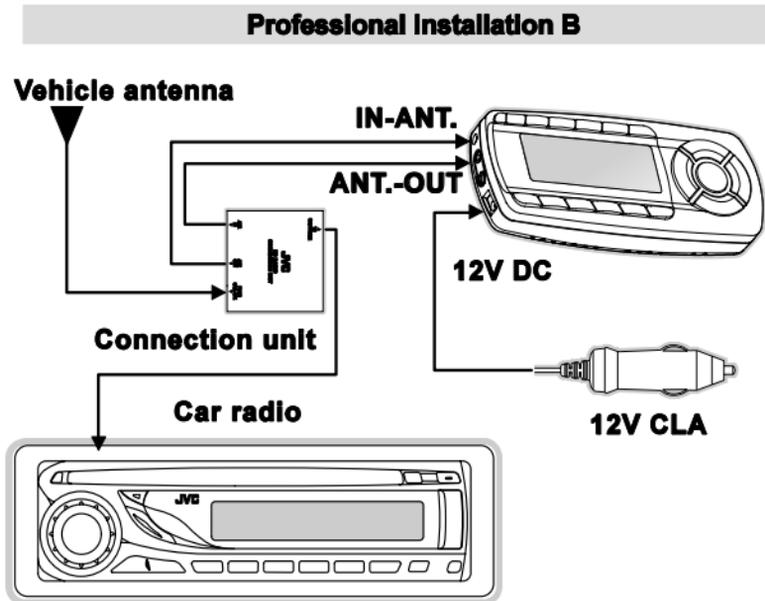
Professional Installation A



Note! Some motorized vehicle antennas will automatically retract down when AUX-IN mode is selected. Under the mentioned circumstances, signal reception will become poor and the sound quality will be poor. Vehicles equipped with a built-in windshield antenna, will automatically turn off when switching the car radio to AUX-IN mode.

● “Professional ” Installation- Type (B)

Professional installation-type (B) is for car radios *without Aux-in* (audio input) and is using *wired FM Transmitter*'s function.

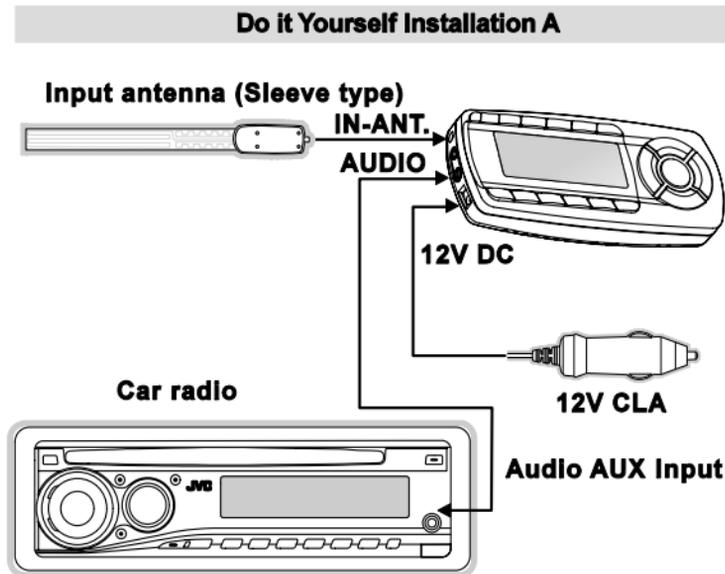


“Do it Yourself” Installation

“Do it Yourself” installation facilitates you to set up your device in convenient and quick ways.

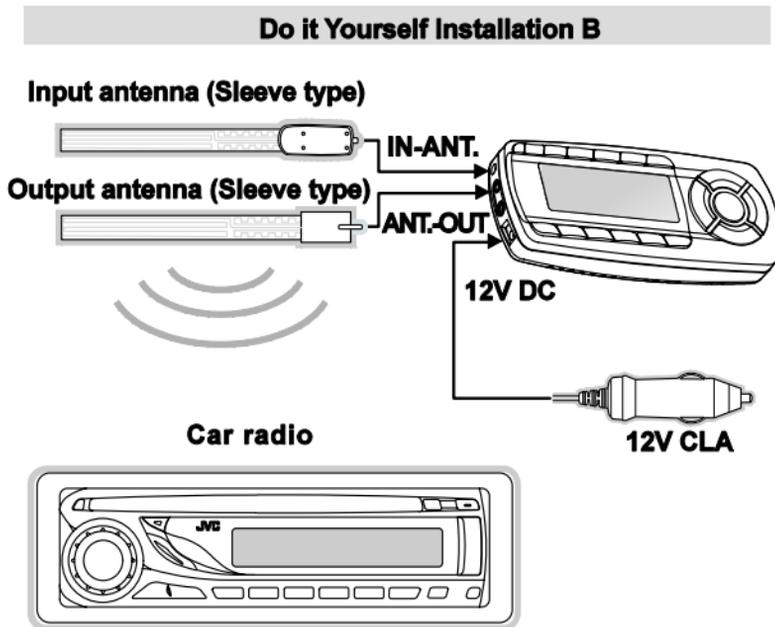
● “Do it Yourself” Installation- Type (A)

Do it Yourself installation-type (A) is for car radios with **Aux-in (audio input)** connection.



● “Do it Yourself ” Installation- Type (B)

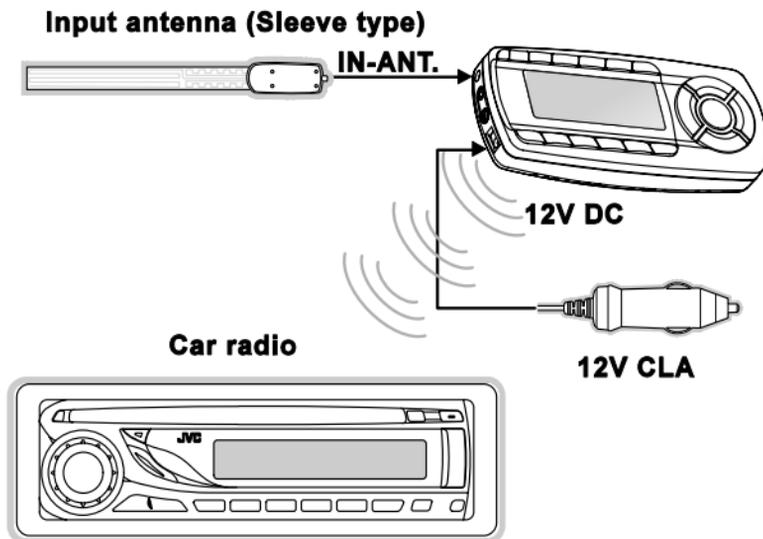
Do it Yourself installation-type (B) is for car radios *without Aux-in* (audio input) and uses a *wireless FM Transmitter* connection. Do it Yourself installation-type (B) uses a sleeve type of antenna for FM signal reception.



● “Do it Yourself ” Installation- Type (C)

Do it Yourself installation-type (C) takes advantage of receiver's internal antenna and uses a **wireless FM Transmitter** for linking to the car radio.

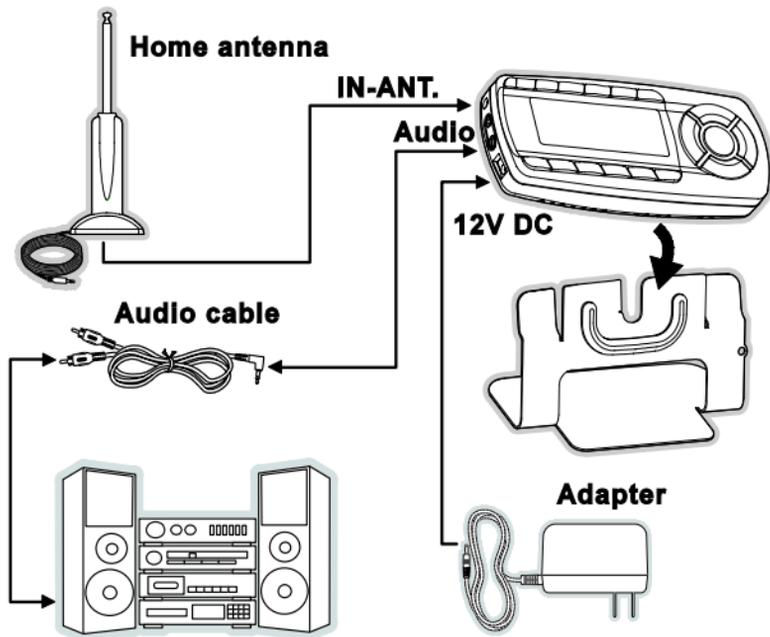
Do it Yourself Installation C



Installation for Home Use

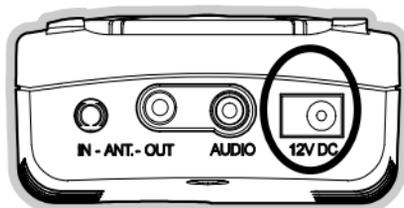
Your transportable HD Radio receiver can be also used while at home.

Home Use Installation



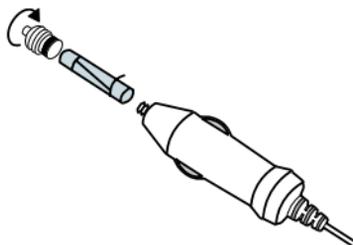
Connecting the Cigarette Lighter Adapter

Connect the provided cigarette lighter adapter (12V CLA) to the **12V DC** connection at the side of the receiver.



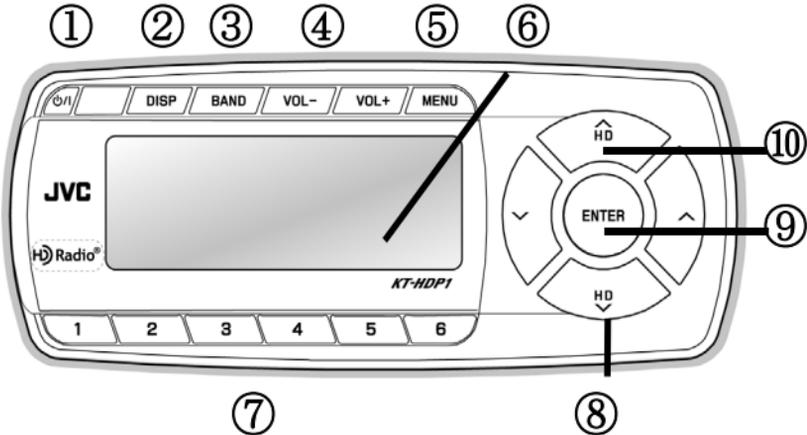
Changing Fuse

Replace the fuse with one of the specified rating (2A).



Controls

Getting to Know Your HD Radio Receiver



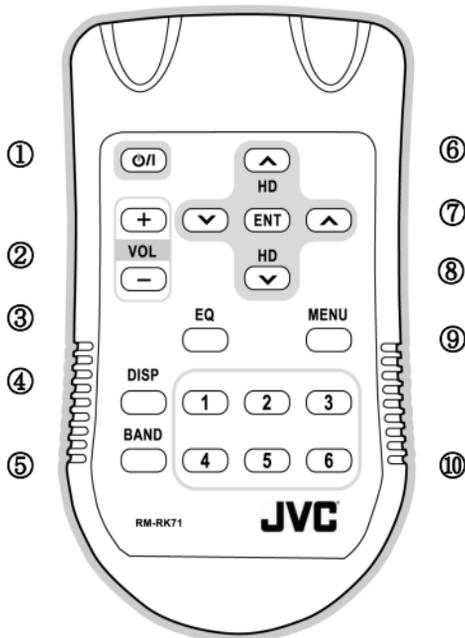
1. **POWER Button:** Turns the receiver On or Off.
2. **DISP (Display) Button:** Switches multi-line, single line and Spectrum Analyzer on the HD Radio mode or FM/AM frequency and Spectrum Analyzer on the analog channel display. Pressing and holding switches the display to the multicast channels.
3. **BAND Button:** Switches FM1, FM2, FM3, AM.
4. **VOL(Volume) Button:** Adjusts the volume (down - or up +) of the receiver.
5. **MENU Button:** Select menu and configuration options. Once the menu options are displayed, use this button to return to the previous menu screen or station display. To return from any menu screen to the station display, press and hold the menu button.
6. **Screen:** Indicates information of Artist/ Category/ Song Title, etc.
7. **Preset Button:** Holds your favorite radio stations in memory. Once a preferred station is tuned, press and hold one of the six preset keys (1-6) to set the station into memory. To recall the preset stations press a preset key (1-6) once.
8. **HD Radio Button:** Seeks for an HD Radio station upward or downward.

9. **ENTER Button:**

- (1) In the station display mode, enables information scrolling feature. Press the ENTER button to scroll and view additional information characters. If song, artist or any other information is too long to fit on the display, use this function to display the additional information.
- (2) In Menu settings mode, selects the option high lighted on the screen. Once an option is selected, this button functions as Save and Exit.
- (3) In seek mode, stops the “Seek” operation.

10. **Seek Button:** Seeks radio station downward/ upward. Press and hold will tune radio frequency up/down.

Getting to Know Your Remote Control



1. **POWER Button:** Turns the receiver On or Off.
2. **VOL (Volume) Button:** Adjusts the volume (down - or up +) of the receiver.

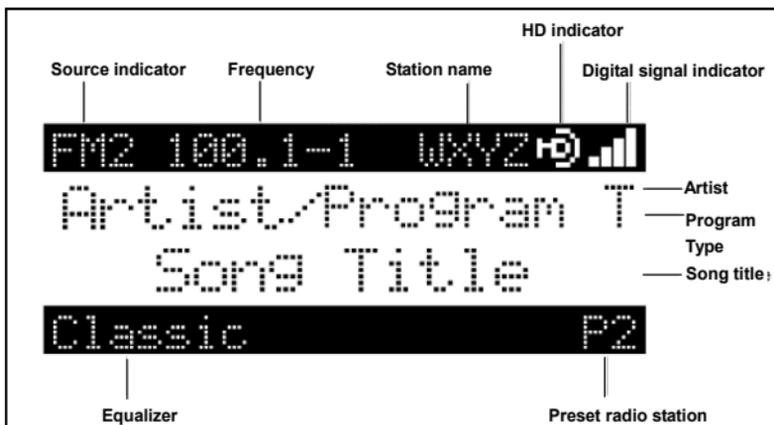
3. **EQ Button:** Adjusts the equalizer.
4. **DISP (Display) Button:** Switches multi-line, single line and Spectrum Analyzer on the HD Radio mode or FM/AM frequency and Spectrum Analyzer on the analog channel display. Pressing and holding switches the display to the multicast channels.
5. **BAND Button:** Switches FM1, FM2, FM3, AM.
6. **HD Radio Button:** Seeks for an HD Radio station upward or downward.
7. **Seek Button:** Seeks radio station downward/ upward. Press and hold will tune radio frequency up/down.
8. **ENTER Button:**
 - (1) In the station display mode, enables information scrolling feature. Press the ENTER button to scroll and view additional information characters. If song, artist or any other information is too long to fit on the display, use this function to display the additional information.
 - (2) In Menu settings mode, selects the option high lighted on the screen. Once an option is selected, this button functions as Save and Exit.
 - (3) In seek mode, stops the “Seek” operation.

9. **MENU Button:** Selects menu and configuration options. Once the menu options are displayed, use this button to return to the previous menu screen or station display. To return from any menu screen to the station display, press and hold the menu button.
10. **Preset Button:** Holds your favorite radio stations in memory. Once a preferred station is tuned, press and hold one of the six preset keys (1-6) to set the station into memory. To recall the preset stations press a preset key (1-6) once.

On-Screen Information

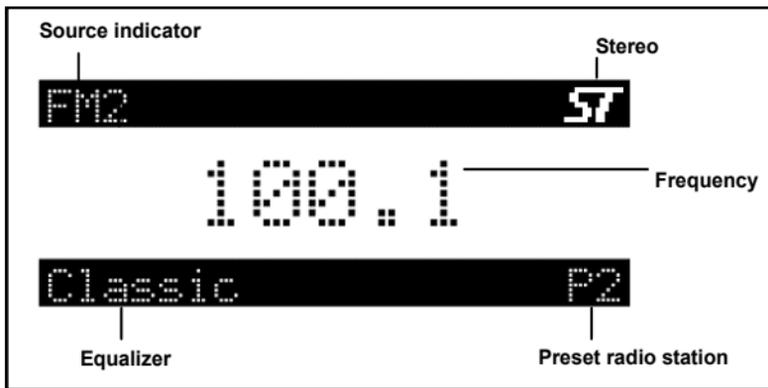
During HD Radio Mode

When your HD Radio receiver receives a digital (HD Radio) signal, the following information is indicated:



During FM/AM Mode

When your HD Radio receiver receives a stereo or analog signal, the following information is indicated:

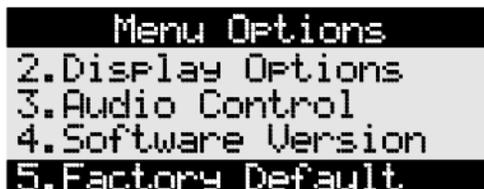
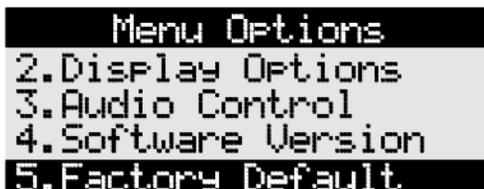


Menu Options

To enter the *Menu Options* page of the receiver, press the **MENU** button. The Menu Options list will be displayed.

To select a menu option, use the HD Radio up  and down  buttons to highlight the option you wish to adjust.

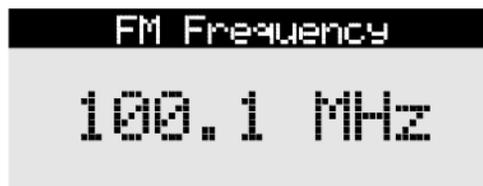
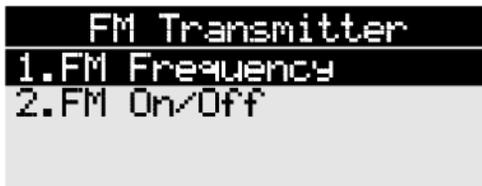
To exit the *Menu Options* screen, or any of the other menu option screens, press and hold the **MENU** button to return to the default display screen.



Operations

FM Transmitter

The FM Transmitter feature allows you to create suitable FM frequencies between your HD Radio receiver and the car radio. Set the FM Transmitter frequency setting to unused FM station frequency. You can also turn the FM transmitter **On** and **Off**. FM/AM reception of adjacent frequency (+/- 0.2 MHz) could cause interference (ie. No sounds or having noise) when you set the FM transmitter at a certain frequency. If interference is experienced, set the FM Transmitter to a different frequency setting.



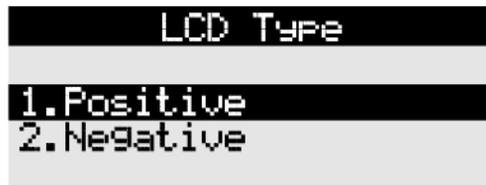
Display Options

The receiver's display screen can be adjusted for brightness, contrast and LCD type using the *Display Options*.

Brightness adjusts the overall intensity of the LCD display to help with viewing in different lighting conditions. **Contrast** adjusts the relationship between the background and the text on the LCD display. Use the Seek buttons (⏪ or ⏩), to adjust the brightness/contrast. The bar graph will move to indicate the change.



Use the HD Radio up  and down  buttons, to select Positive or Negative for **LCD display Type**.



Audio Control

The Audio Level setting adjusts the level of the audio output of the receiver.

To adjust the audio level, use the Seek buttons (⏪ or ⏩) to change the audio level. The bar graph will move to indicate the change.

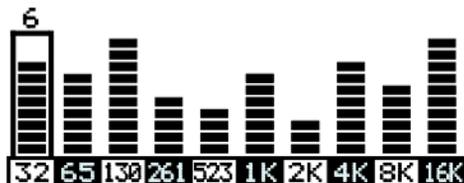


The Audio Level setting can also adjust Equalizer, Tone Control, Balance and Loudness.

Equalizer

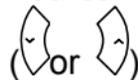
Equalizer	Equalizer
1. Normal	3. Rock
2. Pop	4. Jazz
3. Rock	5. Classic
4. Jazz	6. User

While choosing “User”, users can define the equalizer level between -7 and $+3$. The default value is 0.

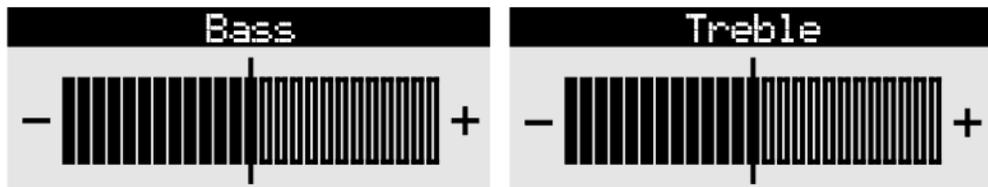


Tone Control

You can adjust Bass and Treble for Tone Control settings. Use the Seek buttons



(or) to change Bass or Treble level. The bar graph will move to indicate the change.



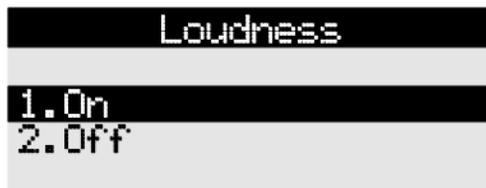
Balance

Use the Seek buttons ( or ) to change Balance level. The bar graph will move to indicate the change.



Loudness

You can set Loudness **On** or **Off**.



Software Version

The latest software version will be indicated by using this option.

```

Software Version
UI:000.00.13
IDM:DRI-352-00175DF-
CMRL-U014
  
```

Factory Default

The Factory Default option will restore most features of the receiver to the original factory settings.

When “ **Restore Settings?** ” is displayed, use the HD Radio buttons ( or ) to select **Yes** to restore all factory settings, or select **No** to leave them as present and return to the Menu Options. Once you select **Yes**, a message “**Are You Sure?**” indicates on the screen to ask for final confirmation.

```

Restore Settings?
1.Yes
2.No
  
```

```

Are You Sure?
1.Yes
2.No
  
```

Specifications

Power Requirements.....	12Volt DC (10-16 Volts DC)
Receiver Dimensions	127mm x 52.3mm x 25.2mm (W x H x D) (5" x 2-1/16" x 1" (W x H x D))
Mass (approx.).....	121g (0.266 lbs) (excluding accessories)
Remote Control Dimensions.....	50mm x 90mm x 9mm (W x H x D) (2" x 3-9/16" x 3/8" (W x H x D))
FM Receiving Frequencies.....	87.9~107.9MHz
AM Receiving Frequencies.....	530~1710KHz
FM Hybrid.....	-88dBm
FM All Digital.....	-108dBm
AM Hybrid.....	-90dBm
AM All Digital.....	-105dBm
Input.....	2.5 mm Jack
FM Transmission Output Interface.....	2.1 mm Jack
Audio Output Interface.....	3.5 mm Stereo Jack
Audio Output.....	2.8V(Peak-to-Peak) maximum
Digital Audio Total Harmonic Distortion (THD)	<0.1%
Digital Audio Stereo Separation @1KHz.....	>70dB

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