



INSTRUCTION MANUAL

K101R

MP3/USB/AUX/BLUETOOTH/iPod
CD PLAYER WITH
AM/FM RADIO



BEFORE USE

Before operating the unit, please read this manual thoroughly and retain it for future reference

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OPERATING INSTRUCTIONS



- | | |
|---|---------------------------------------|
| ① POWER (ON / OFF / Volume) | ⑫ PRESET 3 MEMORY (RPT – Repeat Mode) |
| ② AUDIO SETTING SELECT / TUNING | ⑬ PRESET 4 MEMORY (RDM – Random Mode) |
| ③ WARNING LED | ⑭ PRESET 5 MEMORY (DIRECTORY DOWN) |
| ④ USB CONNECTOR | ⑮ PRESET 6 MEMORY (DIRECTORY UP) |
| ⑤ AM/FM BAND BUTTON (AM/FM) | ⑯ EJECT |
| ⑥ MODE BUTTON (MODE) | ⑰ EQUALIZER (EQ) |
| ⑦ AUTOMATICAL DOWN TUNING TRACK DOWN & REVIEW | ⑱ CD SLOT |
| ⑧ AUTOMATICAL UP TUNING TRACK UP & CUE | ⑲ PHONE BOOK BUTTON |
| ⑨ AUX CONNECTOR (AUX) | ⑳ OFF-HOOK BUTTON |
| ⑩ PRESET 1 MEMORY (DISP – Display Mode) | ㉑ ON-HOOK BUTTON |
| ⑪ PRESET 2 MEMORY (SCAN – Scan Mode) | ㉒ MICROPHONE |

Note: Numbers inside circles e.g. ㉒ are used throughout this manual, to refer to each of the buttons shown on this page.

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■ Using Bluetooth Wireless Technology

Your KIA car radio supports Bluetooth wireless technology. Bluetooth technology provides a wireless link between a Bluetooth mobile phone or Bluetooth music player and the KIA Bluetooth car radio.

The KIA Bluetooth car radio features a hands-free system so that you may talk on the telephone without taking your eyes off the road or your hands off the wheel. A microphone built into the front of the radio receives your voice and the calling party can be heard through the car speakers.

Additionally, a Bluetooth music player can be wirelessly connected to the KIA Bluetooth radio and playback music tracks in high quality sound through the car speakers. Some Bluetooth mobile phones include a music player and can provide both hands-free calling and music playback. Check your mobile phone owners manual for details.

Note:

- a. When the car ignition switch is in the ACC position, the KIA Bluetooth radio is on standby to connect with your mobile phone even if the radio is switched off. The car battery may therefore become drained if the ignition switch remains in the ACC position for an extended period of time.
- b. Bluetooth technology uses low power radio transmission to connect to your Bluetooth mobile phone or Bluetooth music player. As radio signal strength reduces over distance, the quality of sound performance during phone calls and music playback may become poor if the distance between the radio and device widens. It is recommended that the mobile phone or music player is kept inside the car cabin for best results.
- c. As a Bluetooth wireless connection can extend to 10 meters, your Bluetooth device may automatically connect to the KIA Bluetooth radio even if the device is not in the car.
- d. The KIA Bluetooth radio uses the latest Digital Noise & Echo suppression system to provide the best sound clarity with little or no distortion, but in some conditions there may be some echo and noise experienced. It is recommended to keep the car windows closed during hands-free calls for best results.
- e. The KIA Bluetooth radio uses the following Bluetooth profiles:
 - ▶ GAVDP (Generic Audio/Video Distribution Profile)
 - ▶ OPP (Object Push Profile)
 - ▶ HFP (Hands Free Profile)
 - ▶ HSP (Head Set Profile)
 - ▶ A2DP (Audio Advanced Distribution Profile)
 - ▶ AVRCP (Audio Video Remote Control Profile)

BLUETOOTH - Introduction

■ Bluetooth Indicators Shown on the Radio Display

▶ Bluetooth indicator

The Bluetooth logo above is displayed when a Bluetooth device is connected, and not displayed, when no Bluetooth device is connected. If the Bluetooth mobile phone is connected but the connection is not of satisfactory quality, the Bluetooth logo is not displayed.

▶ Battery strength indicator

This is an indication of your mobile phone battery condition. If your mobile phone is not unable to transmit battery condition level, the indicator is not displayed.

▶ Signal level indicator

This is an indication of the mobile phone network signal strength in your current location. If your mobile phone is not able to transmit signal level, the indicator is not displayed.

BLUETOOTH – Bluetooth Function

1. Bluetooth Function

1.1. Registering a Bluetooth Mobile Phone or Music Player

1.1.1. Pairing Mode

A Bluetooth connection must first be established between your Bluetooth mobile phone or Bluetooth music player and the KIA Bluetooth radio. The first step to connecting the Bluetooth radio and Bluetooth device is to introduce or 'Pair' the KIA Bluetooth radio and Bluetooth device together. It is recommended that you have the instruction manual for your Bluetooth mobile phone or music player with you during the pairing process described below to understand how to set your device to pair with the KIA Bluetooth radio.

Note: It is recommended that all other Bluetooth devices other than mobile phones are switched off during the registration or pairing process.

Pairing instructions:

- 1) Press button ⑳ once to select BLUETOOTH mode.
- 2) Press knob ㉔ to display **REG PHONE**, the press knob ㉔ again. **PAIRING** and **CODE 0000** will alternately appear on the radio display. The KIA Bluetooth radio is now waiting for your Bluetooth device to respond with the correct details.
- 3) Now, set your Bluetooth device to pair with the KIA Bluetooth radio. For a guide to setting your Bluetooth device to do this, refer to section 1.1.2. 'Setting your Bluetooth device to pairing mode' on the next page of this booklet.
- 4) If you wish to cancel the PAIRING mode, press button ㉑
- 5) If the pairing process is successful, the Bluetooth logo appears on the radio display and paired phone name (e.g. Samsung or Nokia) and **CONNECTED** appear on the display for 2 seconds.
- 6) Your Bluetooth device is now ready for use with the KIA Bluetooth radio.

Note:

- a. The KIA Bluetooth radio allows a maximum of 6 Bluetooth devices to be paired
- b. The battery and signal indicators may not be displayed if your mobile phone does not send this information to the KIA Bluetooth radio.
- c. Bluetooth technology only allows one phone to be connected to your KIA Bluetooth radio at one time.
- d. If a Bluetooth music player is to be connected together with a mobile phone, refer to the notes in section 3.1. 'Playing music using Bluetooth Audio' on page 18.
- e. Bluetooth Connection with a mobile phone is normally established using the Hands Free Profile (HFP). However, in some cases, the connection may use Head Set Profile (HSP) and some functions may not be available.

1.1.2. Setting Your Bluetooth Device to Pairing Mode

- 1) Browse your mobile phone or music player menu to find the **SETTINGS** or **CONNECTIVITY** section to find the Bluetooth connection section.
- 2) Find the command that may be called **Search for Bluetooth device** or **Discovery mode** so that your Bluetooth device can locate all the Bluetooth devices within range that may be connected.
- 3) After the search is complete, **KIA** should appear on your mobile phone or music player screen.
- 4) Select **CONNECT** or **SELECT** on your mobile phone or music player.
- 5) The mobile phone or music player should now prompt you to enter a PIN code. Enter **0000** into your Bluetooth device and select **OK**.
- 6) The mobile phone or music player should confirm that it has established a new paired connection with the KIA Bluetooth radio.
- 7) The pairing process is now complete.
- 8) If the pairing failed, **FAIL** appears on the KIA Bluetooth radio display.

Note:

- a. As each mobile phone or music player brand and model has a different menu structure and control names, you may need to refer to the user manual of your Bluetooth device for the correct procedure to connect to another Bluetooth device.
- b. Once the Bluetooth pairing is complete, automatic connection between mobile phone and the KIA Bluetooth radio is possible whenever the car ignition switch is switched on. The mobile phone must be set to automatically connect to the KIA Bluetooth radio to allow this automatic connection.
- c. The KIA Bluetooth radio will give connection priority to the last connected mobile phone.
- d. It is recommended that all other Bluetooth devices other than mobile phones are switched off during the registration or pairing process.

1.2. Disconnecting a Bluetooth Device

If you need to disconnect your Bluetooth mobile phone or music player with the KIA Bluetooth radio, follow the steps below.

- 1) Press button ⑩, to select **BLUETOOTH** mode.
- 2) **BLUETOOTH** appears on the display.
- 3) Press knob ②, **REG PHONE** appears on the display.
- 4) Press button ② again to disconnect the currently connected mobile phone or music player from the KIA Bluetooth radio.
- 5) When the Bluetooth connection is lost, Bluetooth logo disappears and the previously connected device name (e.g. Samsung or Nokia) and **LOST** appear on the display.
- 6) If **BEEP ON** is selected (see page 21), three beep sounds are heard when the current Bluetooth device connection is lost or disconnected.

BLUETOOTH – Bluetooth Function

1.3. Selecting a Bluetooth Device

The KIA Bluetooth radio can pair up to 6 Bluetooth devices. A previously paired mobile phone or music player can be selected for connection using the method described below.

Refer to the **Table 1.1** for examples.

- Table 1.1 -

Preset No.	Bluetooth Device Name
1	Samsung (For example)
2	Sony (For example)
3	Nokia (For example)
4	Motorola (For example)
5	EMPTY
6	EMPTY

- 1) Press button ⑩, to select BLUETOOTH mode.
- 2) Press knob ②. **REG PHONE** will appear on the display.
- 3) Turn knob ②, until **SEL PHONE** is displayed.
- 4) When **SEL PHONE** appears on the display, press knob ② and **PRESET?** appears on the display.
- 5) Press the preset button ⑩ ~ ⑮ to display the name of the Bluetooth device name of the mobile phones or music players previously paired. You may also turn the button ② to display the paired devices. Each time you turn button ②, the LCD displays as follows:

1_Samsung → 2_Sony → 3_Nokia → 4_Motorola → BACK
↑

- 6) If the Bluetooth mobile phone name is "**Samsung**" as in the example of **Table 1.1**, then **1_Samsung** appears on the display. When preset button ⑩ is pressed or knob ② is turned 1 click to the right.
- 7) Once the name of the Bluetooth device you wish to connect is displayed, in this example **1_Samsung**, press knob ② to have the **Samsung** device connected.
- 8) If the connection is successful, the Bluetooth logo appears on the display and paired phone **Samsung CONNECTED** appears on the display.

Note:

- a. The name of the Bluetooth device is sent by the device and stored in the KIA Bluetooth radio memory. In most Bluetooth devices, the name can be changed by the user. Refer to the user manual of your Bluetooth device for details.
- b. If only 4 Bluetooth devices have been paired, as in the example shown in table 1.1 above, then **NO PHONE** is displayed when the empty preset button (5 and 6 according to the above example) is pressed.
- c. If the selected previously paired Bluetooth device is switched off or if the Bluetooth feature is switched off, then the KIA Bluetooth radio will display **FAIL** when connection is attempted.

BLUETOOTH – Bluetooth Function

1.4 Deleting a Previously Paired Bluetooth Device

If you no longer need to use a paired Bluetooth device with the KIA Bluetooth radio, it can be deleted. It from the registration assignment for another mobile phone. Refer to the example of paired devices shown in table 1.1 on the previous page.

- 1) Press knob ⑩, to select BLUETOOTH mode.
- 2) Press knob ② and **REG PHONE** appears on the display.
- 3) Turn knob ② until **DEL PHONE** is displayed.
- 4) When **DEL PHONE** appears on the display, press knob ②, **PRESET?** is displayed.
- 5) Press the preset button ⑩ ~ ⑮ to display the name of the Bluetooth device name of the mobile phones or music players previously paired. You may also turn the button ② to display the paired devices.
- 6) Once the name of the Bluetooth device you wish to delete is displayed, in this example **1_Samsung**, press knob ② to have the **Samsung** device deleted.
- 7) The display will then show **DELETE NO** or if knob ② is turned, **DELETE OK** on the display.
- 8) To confirm your wish to delete the selected device, when **DELETE OK** appears on the display press knob ②
- 9) If the Bluetooth device being deleted (in this example) was connected, the display will show **Samsung LOST**.
- 10) In the example above, the number of paired devices is now reduced to 3, leaving 3 vacant memory locations for additional devices. Table 1.2 shows the example.

- Table 1.2 -

Preset No.	Device name of mobile phone
1	Sony (For example)
2	Nokia (For example)
3	Motorola (For example)
4	EMPTY
5	EMPTY
6	EMPTY

1.5. Basic Telephone Operation

1.5.1. Using the KIA Bluetooth Radio for Hands-free Calls

- 1) When an incoming call arrives at the KIA Bluetooth radio via your connected Bluetooth mobile phone, **INCOMING** appears on the display for 3 seconds then the calling telephone number is shown.
- 2) Press button ⑳ to answer the incoming call. **HANDSFREE** appears on the display.
- 3) To end the call, press button ㉑ and the call will end and **CALL END** is displayed.
- 4) If you wish to reject an incoming call, press button ㉑.
- 5) To make an outgoing call use the keypad of the connected Bluetooth mobile phone to enter a number and press the OFF HOOK (green) button on your mobile phone.
- 6) **OUTGOING** is displayed on the KIA Bluetooth radio and the call continues in hands-free mode.
- 7) The call can be ended by pressing button ㉑ the ON HOOK (red) button of the connected mobile phone.

Note: It is possible that during an incoming or outgoing call, the connection between your phone and the other party may drop out or end for no apparent reason. In most cases, this will be due to the mobile telephone network and not the connection between the Bluetooth car radio and your phone.

Note: Some mobile phones may not reject an incoming call by pressing button ㉑. If this is the case, press the ON HOOK (red) button on the connected mobile phone to reject the incoming call.

1.5.2. Last Number Redial

- 1) Select BLUETOOTH mode by pressing button ㉑. To making a call to the last dialed number, press button ㉑ again. **OUTGOING** appears on the radio display for 1 second.

Note: Some mobile phones may require an additional press of button ㉑ to start the last number redial call.

1.5.3. Switching to Private (handset) Mode During a Call

During an incoming or outgoing call started in hands-free mode, it is possible to switch to the private call mode using the mobile phone handset to speak to and hear the calling party in private.

- 1) Press button ㉑ during the conversation; **PRIVATE** appears on the display.
- 2) To switch back to hands-free mode using the KIA Bluetooth radio, press button ㉑ again during the private conversation; **HANDSFREE** is shown on the display and hands-free call operation continues.

Note: The above switching function may cause disconnection of the Bluetooth link between the KIA Bluetooth radio and some mobile phones. If button ㉑ is pressed during the private conversation, the Bluetooth connection will return automatically, if the connected mobile phone allows.

2. Phonebook Function

2.1. Using the Phonebook

- 1) A name with a maximum length of 16 characters and a phone number with a maximum length of 20 digits can be stored and displayed on the KIA Bluetooth radio.
- 2) 6 'Volumes', selected by pressing the preset buttons contain 13 'Pages', selected by turning knob ② are provided for phonebook entry storage. A total of 78 entries consisting of a name and number can therefore be stored. Table 2.1 provides an overview of the structure of the phonebook.
- 3) It is possible to browse the entries contained in each volume (preset) by using knob ②; each name and then phone number is displayed as the knob is turned. To search the next volume (preset), press the preset button and turn the knob until the desired entry is shown on the display.
- 4) When the phonebook entry name or number is displayed on the screen, press button ⑩ to call the entry.
- 5) A new phonebook entry name or number can be added or an existing entry can be edited directly using the radio controls. See section 2.3.2.
- 6) The last received calling number can be saved in the phonebook. See section 2.3.1.
- 7) Phonebook entries stored on your mobile phone can be transferred to the KIA Bluetooth radio phonebook one-by-one or as a complete phonebook. See section 2.2
- 8) Phonebook entries can be deleted one-by-one or the entire contents can be deleted. See section 2.3.3.

Note:

- a. Some mobile phones may not be capable of transferring name and numbers to the KIA Bluetooth radio.
- b. Some mobile phones may not be capable of transferring a complete phonebook, only a single name and number at a time.
- c. During phonebook transfer, some mobile phones may disconnect from the KIA Bluetooth radio.
- d. If the phonebook of the mobile phone contains image data, phonebook entries may not be transferred correctly.
- e. After transferring name and number entries, first and second names may be swapped when displayed on the KIA Bluetooth radio.

- Table 2.1 -

PAGE No. PRESET No.	PAGE 1	PAGE 2	PAGE 3	PAGE 4	...	PAGE 12	PAGE 13
1	1	7	13	19	...	67	73
2	2	8	14	20	...	68	74
3	3	9	15	21	...	69	75
4	4	10	16	22	...	70	76
5	5	11	17	23	...	71	77
6	6	12	18	24	...	72	78

BLUETOOTH – Phonebook Function

2.2. Transferring Entries From a Mobile Phone to the Radio Phonebook

It is possible to transfer a complete phonebook or phonebook entries one by one from your mobile phone to the KIA Bluetooth radio.

- 1) Press button ⑩ to select BLUETOOTH mode.
- 2) Turn knob ② until **PHONEBOOK** is displayed.
- 3) Press knob ② and **SEARCH** appears on the display.
- 4) Turn knob ② until **DOWNLOAD** appears on the display.
- 5) When **DOWNLOAD** appears on the display, press knob ②; **CLR NO** then **CLR OK** appears on the display as the knob is rotated.
- 7) If knob ② is pressed when **CLR OK** is on the display, all previously stored names and numbers will be deleted when the mobile phone single entry or complete entries are transferred. The new entries are stored from PAGE 1 in PRESET 1 onwards. Refer to the **Table 2.2** for example. During the deletion process, **WAITING** appears on the display and remains on the display until the new entries begin to transfer from the mobile phone.
- 8) If knob ② is pressed when **CLR NO** is on the display, all previously stored names and phone numbers are kept and the new entries are stored in memory locations at the end of the previously stored entries. Refer to the **Table 2.3** for example. During the deletion process, **WAITING** appears on the display and remains on the display until the new entries begin to transfer from the mobile phone.
- 9) Begin transferring the phone number content from you mobile phone to the KIA Bluetooth radio while **WAITING** is displayed. Check your mobile phone instruction manual to understand how to transfer entries using Bluetooth.
- 10) Once a single entry begins to transfer from the mobile phone to the KIA Bluetooth radio, **01-TRANS** appears on the display.
- 11) During a complete phonebook transfer, **01-TRANS**, **02-TRANS**, up to the maximum **78-TRANS** appears on the display.
- 12) When the phonebook memory of the KIA Bluetooth radio is full, **FULL** appears on the display and no more entries can be stored.

- Table 2.2 -

PAGE No. PRESET No.	PAGE 1	PAGE 2	PAGE 3	PAGE 4	...	PAGE 12	PAGE 13
1	01 EMPTY	07 EMPTY	13 EMPTY	19 EMPTY	...	67 EMPTY	73 EMPTY
2	02 EMPTY	08 EMPTY	14 EMPTY	20 EMPTY	...	68 EMPTY	74 EMPTY
3	03 EMPTY	09 EMPTY	15 EMPTY	21 EMPTY	...	69 EMPTY	75 EMPTY
4	04 EMPTY	10 EMPTY	16 EMPTY	22 EMPTY	...	70 EMPTY	76 EMPTY
5	05 EMPTY	11 EMPTY	17 EMPTY	23 EMPTY	...	71 EMPTY	77 EMPTY
6	06 EMPTY	12 EMPTY	18 EMPTY	24 EMPTY	...	72 EMPTY	78 EMPTY

BLUETOOTH – Phonebook Function

- Table 2.3 -

PAGE No. PRESET No.	PAGE 1	PAGE 2	PAGE 3	PAGE 4	...	PAGE 12	PAGE 13
1	01 STORED	02 STORED	03 EMPTY	04 EMPTY	ALL STORED	12 EMPTY	13 EMPTY
2	01 STORED	02 STORED	03 EMPTY	04 EMPTY		12 EMPTY	13 EMPTY
3	01 STORED	02 STORED	03 EMPTY	04 EMPTY		12 EMPTY	13 EMPTY
4	01 STORED	02 EMPTY	03 EMPTY	04 EMPTY		12 EMPTY	13 STORED
5	01 STORED	02 EMPTY	03 EMPTY	04 STORED		12 EMPTY	13 STORED
6	01 STORED	02 EMPTY	03 EMPTY	04 STORED		12 STORED	13 STORED

2.3. Managing the Phonebook

2.3.1. Storing the Last Call Phone Number

The phone number of the last received call can be stored in the phonebook of the KIA Bluetooth radio.

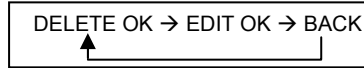
- 1) Press button ⑩ to select BLUETOOTH mode.
- 2) Press button ⑪ for 2 seconds. The first entry in the phonebook is displayed. If the first entry is vacant, **01 EMPTY** is shown on the display. If the first entry is already used, turn knob ② and/or press another preset button until an empty location is found.
- 3) Press knob ②; **NAME** will appear on the display briefly and the editing cursor “ - ” is displayed indicating that the first character of the name can be entered.
- 4) Turn knob ② to change the editing cursor to display the letter of the alphabet of your choice you wish to enter for the name. To delete the previous character, turn knob ② until the back arrow “ <- ” appears on the display and then press knob ②.
- 5) Repeat the operations in step 4) above until the name editing is complete. Turn knob ② until the editing cursor “ - ” appears on the display at the end of the name, then press knob ② for 2 seconds. The name editing process is now complete and **NUMBER** is displayed.
- 6) When the cursor appears “ - ” on the display, press button ⑪ for 2 seconds. The last received call phone number is displayed with the editing cursor “ - ” at the end of the number.
- 7) Press knob ② for 2 seconds. The entry is complete.
- 8) **PHONEBOOK** is displayed.

BLUETOOTH – Phonebook Function

2.3.2. Editing Name and Phone Number Entries

Existing phonebook entries can be edited as required.

- 1) Press button ②, to select BLUETOOTH mode.
- 2) Turn knob ② until **PHONEBOOK** is displayed.
- 3) Press knob ② until **SEARCH** appears on the display.
- 4) Press knob ② and turn clockwise to increase the page number or press a preset button until the entry for editing is found.
- 5) Once entry is located and displayed, press knob ② and turn clockwise. The KIA Bluetooth radio display shows as follows:



- 6) If you wish to edit the entry, select EDIT OK and press knob ②; **NAME** will appear on the display briefly and the editing cursor " - " is displayed at the end of the current entry name.
- 8) Turn knob ② to change the edit cursor to display the letter of the alphabet of your choice you wish to enter for the name. To delete the previous character, turn knob ② until the back arrow " <- " appears on the display and then press knob ②.
- 9) Repeat the operations in step 8) above until the name editing is complete. Turn knob ② until the editing cursor " - " appears on the display at the end of the name, then press knob ② for 2 seconds. The name editing process is now complete and **NUMBER** is displayed.
- 10) Turn knob ② to change the edit cursor to display the number of your choice you wish to enter for the number. To delete the previous character, turn knob ② until the back arrow " <- " appears on the display and then press knob ②.
- 11) Repeat the operations in step 10) above until the number editing is complete. Turn knob ② until the editing cursor " - " appears on the display at the end of the number, then press knob ② for 2 seconds. The number editing process is now complete. **PHONEBOOK** is displayed.

Note:

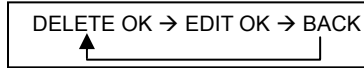
- a. If the name entry does not require editing, press knob ② for 2 seconds to advance to number.
- b. If the number entry does not require editing, press knob ② for 2 seconds to finalize the editing process of that entry.
- c. The available characters available for name entry are:
A, B, C Z, 0, 1, 2, 3 9, +, *, #, , (blank space).

BLUETOOTH – Phonebook Function

2.3.3. Deleting Stored Phone Numbers

Existing single phonebook entries can be deleted as required.

- 1) Press button ⑩, to select BLUETOOTH mode.
- 2) Turn knob ② until **PHONEBOOK** is displayed.
- 3) Press knob ② until **SEARCH** appears on the display.
- 4) Press knob ② and turn clockwise to increase the page number or press a preset button until the entry for editing is found.
- 5) Once entry is located and displayed, press knob ② and turn clockwise. The KIA Bluetooth radio display shows as follows:



- 6) If you wish to delete the entry, select DELETE OK and press knob ②.
- 7) **COMPLETE** will appear on the display briefly.
- 8) **PHONEBOOK** is then displayed.

The complete phonebook contents can be deleted in a single action.

- 9) Press button ⑩, to select BLUETOOTH mode.
- 10) Turn knob ② until **PHONEBOOK** is displayed.
- 11) Press knob ② until **SEARCH** appears on the display.
- 12) Turn knob ② until **DOWNLOAD** appears on the display.
- 13) Press knob ② until **CLR OK** appears on the display.
- 14) Press knob ② and **WAITING** appears on the display.
- 15) Press button ⑪ to finish the deletion process.

3. Audio Player Function

3.1 Playing Music Using Bluetooth Audio

The KIA Bluetooth radio supports the Bluetooth profile 'Audio Advanced Distribution Profile' (A2DP). If your mobile phone or music player supports this profile then it is possible to listen to music tracks located on your Bluetooth device through the KIA Bluetooth radio and car speakers. Additionally, the KIA Bluetooth radio supports the 'Audio Video Remote Control Profile' (AVRCP). If your Bluetooth mobile phone or music player supports this profile then it is possible to advance to the next track or replay previous tracks on using the buttons on the front of the KIA Bluetooth radio or steering wheel remote controls (if fitted) on your vehicle.

- 1) Press button ⑥ until **BT AUDIO** is displayed.
- 2) When **BT AUDIO** appears on the display, select the music player feature on your Bluetooth device. Press 'PLAY' on the device to begin playback (see notes below).
- 3) To pause the Bluetooth audio playback, press knob ② for 2 seconds. Press the knob again for 2 seconds to resume playback.
- 4) Press buttons ⑦ and ⑧ to advance to the next or previous music track; **BT NEXT** or **BT BACK** will be displayed on the KIA Bluetooth radio.

Note:

- a. Check your Bluetooth device owner's manual for details of how to play music tracks via an external Bluetooth audio system such as the KIA Bluetooth radio.
- b. Some Bluetooth mobile phones cannot play music at all or may play music tracks in low-quality audio through the KIA Bluetooth radio.
- c. Some mobile phones require additional pairing to allow Bluetooth audio playback.
- d. Information about songs (e.g. the elapsed playing time, song titles, song index, etc.) playing using Bluetooth audio profile cannot be displayed on this KIA Bluetooth radio.

BLUETOOTH – Audio Player Function

3.2 Connecting a Bluetooth Music Player and mobile Phone Simultaneously

It is possible to connect a Bluetooth mobile phone and a separate Bluetooth music player to the KIA Bluetooth radio at the same time. Phone calls can be sent and received using the hands-free feature whilst music is playing using the Bluetooth audio feature.

- 1) Ensure both the mobile phone and music player have been paired to the KIA music player and that they operate correctly. Set each device to automatically connect.
- 2) With the KIA Bluetooth radio switched on, turn the car ignition switch off, wait 30 seconds, then switch the ignition on again. If the music player and mobile phone are operating and the music player is playing music, playback will begin automatically through the KIA Bluetooth radio.

Note:

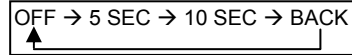
- a. Check your Bluetooth device owner's manual for details on how to play music tracks via an external Bluetooth audio system such as the KIA Bluetooth radio.
- b. Some Bluetooth mobile phones cannot play music at all or may play music tracks in low-quality audio through the KIA Bluetooth radio.
- c. During mobile phone operation, the Bluetooth audio player will continue to play the music track but the music sound is not heard through the car speakers.
- d. During some mobile phone operations, the Bluetooth music sound may be interrupted for a short time.
- e. Only Bluetooth music players with a pass key/code 0000 may be paired.

4. Bluetooth Settings

4.1. Setting Automatic Call Answer

If this function is selected, the KIA Bluetooth radio automatically answers all incoming calls. This feature enhances safety as the driver does not need to take their hands from the steering wheel to accept an incoming call. Note that this feature cannot be set at different settings for each of the paired mobile phones.

- 1) Press button ⑩; **BLUETOOTH** is displayed.
- 2) Turn knob ② until **SETTINGS** is displayed.
- 3) Press knob ② until **AUTO ANS** is displayed.
- 4) Press and Turn knob ②. The LCD then displays as follows:



OFF = Auto answer function is not active.

5 SEC = Automatically answers all incoming calls after a 5 second delay.

10 SEC = Automatically answers all incoming calls after a 10 second delay.

BACK = Return to previous menu.

- 5) After making your selection, press knob ② to store the selection.
- 6) **VOICE VOL** (see below 4.2) is then displayed for adjustment if required.
- 7) If you do not wish to adjust any further Bluetooth settings, press button ⑪ to return to the last selected mode.

4.2. Setting Calling Voice Volume

This function is to set the level of the mobile phone's calling voice volume to be heard through the KIA Bluetooth radio and car speakers.

- 1) Follow steps 1) to 3) of above setting 4.1
- 2) When **VOICE VOL** appears on the display, press the knob ② to display the current level of the calling voice. Turn knob ② right or left to adjust the calling voice volume as desired. This is the level the calling voice volume will be set to each time the KIA Bluetooth radio is used after the car ignition switch is turned off and then on again.
- 3) After making your selection, press knob ② to store the selection.
- 4) **RING VOL** (see below 4.3) is then displayed for adjustment if required.
- 5) If you do not wish to adjust any further Bluetooth settings, press button ⑪ to return to the last selected mode.

4.3. Setting Ring Volume

This function is to set the level of the mobile phone's ring tone volume to be heard through the KIA Bluetooth radio and car speakers.

- 1) Follow steps 1) to 3) of above setting 4.1
- 2) When **RING VOL** appears on the display, press the knob ② to display the current level of the ring tone. Turn knob ② right or left to adjust the ring tone volume as desired. This is the level the ringer volume will be set to each time the KIA Bluetooth radio is used after the car ignition switch is turned off and then on again.
- 3) After making your selection, press knob ② to store the selection.
- 4) The press button ⑪ to return to the last selected mode.

GENERAL

① POWER ON/OFF BUTTON

Press button ① momentarily to turn the set on or off. When the set is next switched on, the previous mode and disc play position will be restored.

① VOLUME UP/DOWN CONTROL

Turn button ① right to increase the volume level. The level will be shown as "VOLUME xx" on the display panel. Turn button ① left to decrease the volume level. After 5 seconds the display will return to the previous mode.

① START-UP VOLUME LEVEL SET UP

Start-up volume is the volume level the set will play at when next turned on. To adjust the start-up volume, press and hold button ① longer than 3 seconds. The current start-up volume level is displayed as a flashing number on the display panel.

Turn button ① left or right to increase or decrease the volume, then press button ① again to set that volume level as the start-up volume level.

② SOUND SETTING SELECTION

This button is to adjust the sound. Each time you momentary press button ②, LCD displays each mode as follows:

BASS → MIDDLE → TREBLE → BAL L=R → FADER F=R → BEEP 2ND → LOUD ON

On each setting, the level can be controlled by turning button ②. The display will automatically return to the previous mode 5 seconds after the last adjustment is made.

Note: When the EQ mode is activated, the BASS, MIDDLE, TREBLE and LOUD modes are not displayed.

② BASS CONTROL (1ST setting)

To adjust the bass tone level, first select the bass mode by pressing button ② until "BASS" appears on the display panel. Within 5 seconds of selecting the BASS mode, turn button ② right or left to adjust the bass level as desired. The bass level will be shown on the display panel from a minimum of "BASS -10" to a maximum of "BASS+10". The display will automatically return to the normal indication in 5 seconds after the last adjustment, or when another function is activated.

② MIDDLE CONTROL (2nd setting)

To adjust the mid tone level, first select the middle mode by pressing button ② until "MIDDLE" appears on the display panel. Within 5 seconds of selecting the middle mode, turn button ② right or left to adjust the mid level as desired. The mid level will be shown on the display panel from a minimum of "MIDDLE -10" to a maximum of "MIDDLE +10". The display will automatically return to the normal indication in 5 seconds after the last adjustment or, when another function is activated.

② TREBLE CONTROL (3rd setting)

To adjust the treble tone level, first select the treble mode by pressing button ② until "TREBLE" appears on the display panel. Within 5 seconds of selecting the treble mode, turn button ② right or left to adjust the treble level as desired. The treble level will be shown on the display panel from a minimum of "TREBLE -10" to a maximum of "TREBLE +10". The display will automatically return to the normal indication in 5 seconds after the last adjustment, or when another function is activated.

② BALANCE CONTROL (4th setting)

To adjust the left-right speaker balance, first select the Balance mode by pressing the Select button ② until the "BAL" indication appears on the display panel. Within 5 seconds of choosing the Balance mode, turn right/left to adjust the balance as desired. The balance position will be shown by the bars on the display panel from "BAL 10L" (full left) to "BAL 10R"(full right). When the volume level between the left and right speakers is equal, "BAL L=R" will be shown on the display panel. The display will automatically return to the normal indication in 5 seconds after the last adjustment or when another function is activated.

② FADER CONTROL (5th setting)

To adjust the front-rear speaker balance, first select the Fader mode by pressing the Select button ② until the "FADER" indication appears on the display panel. Within 5 seconds of choosing the Fader mode, turn right/left to adjust the front-rear speaker level as desired. The fader position will be shown by the bars on the display panel from "FADER 10F" (full front) to "FADER 10R"(full rear). When the volume level between the front and rear speaker is equal, "FADER F=R" will be shown on the display panel. The display will automatically return to the normal indication in 5 seconds after the last adjustment or when another function is activated.

② BEEP CONTROL (6th setting)

To adjust the Beep mode, first select the Beep mode by pressing the Select button ② until "BEEP" appears on the display panel. The Beep mode will be shown on the display panel from "BEEP 2ND", "BEEP OFF" and "BEEP ON". The display will automatically return to the normal indication in 5 seconds after the last adjustment or when another function is activated. Select "BEEP ON" when you wish to hear the "BEEP" sound whenever any function button is pressed. Select "BEEP 2ND" when you wish to hear the "BEEP" sound whenever any Tuner Pre-set button and/or Track cue or review buttons are pressed. Once the desired setting is displayed, press button ② to save your selected setting.

② LOUDNESS CONTROL (7th setting)

When listening to music at low volume levels, this feature will boost the bass and treble response. This action will compensate for the reduction in bass and treble performance experienced at low volume. To select the loudness feature, press button ② until "LOUD ON" or "LOUD OFF" is displayed, and then turn button ② left or right to activate or deactivate loudness.

③ WARNING LED

This LED lamp blinks every 1 second when the ignition is turned OFF.

GENERAL

⑥ MODE BUTTON

Press button ⑥ to select

RADIO → CD → USB/IPOD → AUX → BT AUDIO

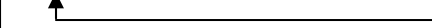


⑪ EQUALIZER (EQ)

You can select an equalizer curve for 4 music types (CLASSIC, POP, ROCK, and JAZZ).

Press button ⑪ repeatedly until the desired equalizer effect is displayed. Each time you press this button, the radio displays each mode as follows :

CLASSIC → POP → ROCK → JAZZ → EQ OFF



ANTI-THEFT SECURITY CODE

■ ANTI-THEFT SECURITY PIN CODE INPUT

To activate the security pin code, please follow these steps.

1. Turn on your stereo.
2. If the stereo screen indicates "1 CDE", this is a message that you need enter your anti-theft security pin code.
3. Your security pin code number can be found on the card supplied with your new KIA vehicle.
4. Every KIA stereo has its own individual anti-theft security pin code. Entering an incorrect pin code or using incorrect procedures will not activate your stereo to an operational status.
5. Your anti-theft pin code is made up of four computer-generated numbers.
6. An example pin code may be 3212.
7. To enter pin code 3212 into your stereo, always follow these steps,
 - a. Press Pre-set 1 button ⑩ three times.
 - b. Press Pre-set 2 button ⑪ twice.
 - c. Press Pre-set 3 button ⑫ once.
 - d. Press Pre-set 4 button ⑬ twice
 - e. Check that the PIN code shown on your stereo screen is "3212".
 - f. Press Pre-set 5 button ⑭ to activate the pin code.

Your Stereo is now readied for full operation.

8. Another example pin code number is 7963.
9. To enter pin code 7963 into your stereo, always follow these steps,
 - a. Press Pre-set 1 button ⑩ seven (7) times.
 - b. Press Pre-set 2 button ⑪ nine (9) times.
 - c. Press Pre-set 3 button ⑫ six (6) times.
 - d. Press Pre-set 4 button ⑬ three (3) times.
 - e. Check that the PIN code shown on your stereo screen is "7963".
 - f. Press Pre-set 5 button ⑭ to activate the PIN code.
10. Important: If you have entered the incorrect anti-theft pin code or used an incorrect procedure at your first attempt, your stereo screen will exhibit the following message "2 CDE". This means you need enter the pin code a second time taking care to follow these instructions and enter the correct pin code.
11. If the stereo screen shows the message "3 CDE", this means you failed to follow the correct instructions or that you entered the incorrect pin code.
12. If you fail to succeed to enter the correct pin code at the third attempt, your stereo will turn off. You will need to wait at least one hour before attempting to re-enter the correct anti-theft security pin code number using the above procedures correctly.

Your KIA stereo has the anti-theft security pin code entered into it prior to you collecting your new KIA car.

The only time your stereo will identify the message "1 CDE" in the screen is if your stereo or car has lost battery power.

If your car battery is in good order, your stereo will accept your anti-theft security pin code number using the above procedure.

If you experience a failure to operate your stereo after carrying out the above procedure.

Please visit a KIA Dealer for additional assistance.

Please do not leave your card containing your anti-theft security pin code number in your car.

Keep your card featuring your pin code number in a safe secure place.

RADIO

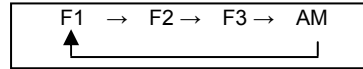
② MANUAL TUNING

To manually tune to a radio station, turn button ② left or right to increase or decrease the radio frequency.

⑤ AM/FM BAND SELECTOR (AM/FM)

Each time this button is pressed, the radio band is changed.

Each time this button is pressed, LCD displays each band as follows:



⑦, ⑧ UP/DOWN TUNING (⏶, ⏷)

To automatically select a radio station, momentarily press the UP TUNE SEEK button (⏶)

⑧ or DOWN TUNE SEEK button (⏷) ⑦. The tuner will search for the next radio station.

⑩ ~ ⑮ STATION PRE-SET BUTTON

Whilst in radio mode, pressing buttons ⑩ to ⑮ for less than 3 seconds will recall the radio station pre-set to that button memory. To store radio stations into any of the 6 pre-set memories, in either the AM or FM bands, use the following procedure:

- Turn the radio on and select the desired band.
- Select the radio station to be pre-set using the manual or automatic tuning methods describer earlier.
- Press and hold any of the pre-set buttons for longer than 3 seconds. The pre-set number will appear on the display panel indicating that the radio station is now set into that pre-set memory location.

Note: By pressing any pre-set button, the radio station stored in that memory location can be recalled at any time.

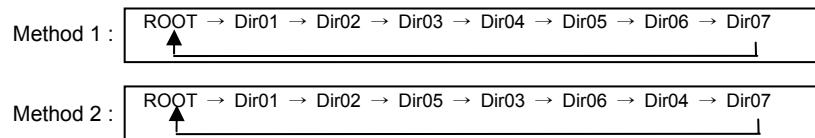
CD PLAYER

② MP3 DIRECTORY/FILE SEARCHING

Button ② is used to select a particular directory and file on a compact disc or USB device. Press and hold button ② for more than 3 seconds. Then, turn button ② right or left to display the available directories.

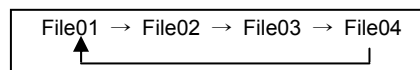
Press button ② momentarily when the desired directory is displayed, then turn button ② left or right to display the tracks within that directory. Press button ② when the desired file is displayed to begin playback.

The Directory reading method may be different as follows depending on the burning software:

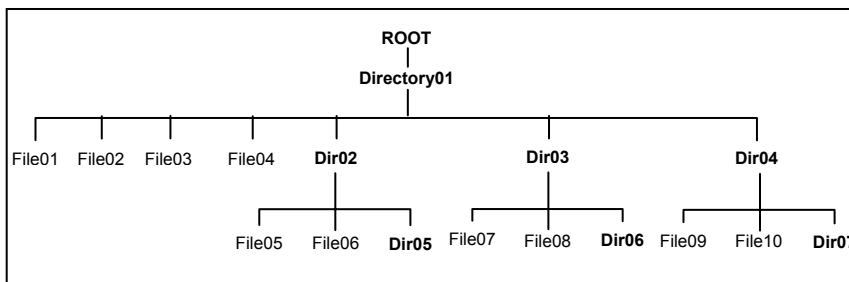


If you wish to search for a file/track in the selected directory, turn button ② right or left. Press button ② when you find the desired file/track. The radio will then play that selected file/track.

For example, the file search changes in Dir01 as follows.



MP3/WMA directory/file configuration



⑦ TRACK DOWN & REVIEW BUTTON

This button ⑦ is used to select track down.

Each time the Backward Track select (⏮) is pressed, track number is decreased.

Press and hold this button (⏮) to advance rapidly in the backward direction.

High-speed audible search of any track on a disc can be made by this button ⑦ (⏮).

CD PLAYER

⑧ TRACK UP & CUE BUTTON

This button ⑧ is used to select track up.

Each time the Forward Track select (⏮) is pressed, track number is increased.

Press and hold this button (⏮) to advance rapidly in the forward direction.

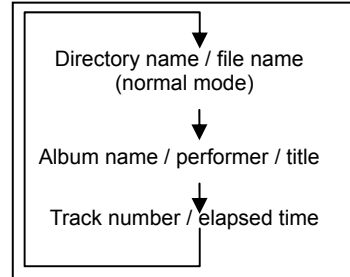
High-speed audible search of any track on a disc can be made by this button ⑧ (⏮).

Note: When playing MP3 or WMA tracks, the CUE and REVIEW function is available but audio content is not with heard during that function.

⑩ ID3 v2 (DISP)

Button ⑩ is used to change the display information. While playing an MP3/WMA file, you can change the file information shown on the display. Each time button ⑩ is pressed, the display changes to show the information shown at right.

Note: If the MP3/WMA file/track has no ID3 information, the display will show "NO ID3".



⑪ TRACK SCAN (SCAN)

During disc play, press button ⑪ to play the first 10 seconds of each track on the disc. "SCN" will appear on the display panel. When the desired track is reached, press button ⑪ again to cancel the function. The set will then play the selected track. Track scan mode can be cancelled by activating random play, repeat play, track up/down or directory up/down button.

Note: When scan playing an MP3 disc, press and hold button ⑪ longer than 3 seconds; "SCN" will blink on the display panel and all files in the selected directory will be introduced until the scan mode is cancelled by pressing button ⑪ again, or by activating the random play, repeat play, track up/down or directory up/down button.

⑫ REPEAT PLAY SELECTOR (RPT)

During disc play, press button ⑫ to play the selected track repeatedly. "RPT" will appear on the display panel. Playback of the track will continue to repeat until the button is pressed again; "RPT" then disappears from the display panel. Repeat Play mode will also be cancelled by activating random play or scan play button.

Note: In case of playing MP3 disc, when button ⑫ is pressed and held longer than 3 seconds, "RPT" will blink on the display panel and play all files in the selected directory. The playback will be repeated until the directory repeat mode is cancelled by pressing the repeat button again, or by activating random play or scan play button. "RPT" will then disappear from the display.

CD PLAYER

⑬ RANDOM PLAY SELECTOR (RDM)

During disc play, press button ⑬ to play tracks on the disc in a random or shuffled order. "RDM" will appear on the display panel. The track select function ⑬ will also select tracks in the random mode instead of the normal sequence. The random play mode can be cancelled by activating scan play or repeat play button.

Note: In case of MP3 playback; when the random button is pressed and held longer than 3 seconds, "RDM" will blink on the display panel and play all files in the current directory randomly until the directory random mode is cancelled by pressing button ⑬ again or by activating scan play or repeat play button. "RDM" will disappear from display panel.

⑭ DIRECTORY DOWN (D-)

During MP3 playback, selection of the previous directory (if available on the MP3 disc) is possible by pressing button ⑭ briefly. The previous directory is located each time button ⑭ is pressed.

⑮ DIRECTORY UP (D+)

During MP3 playback, selection of the next directory (if available on the MP3 CD) is possible by pressing button ⑮ briefly. The next directory is located each time button ⑮ is pressed.

Note:

- If the MP3 disc does not contain directories, the set plays MP3 tracks at 10-file intervals whenever button ⑮ is pressed.
- If the disc does not contain any MP3 files, this function does not operate.
- If the directory does not contain any MP3 files, the directory will not be shown.

⑯ DISC EJECT ()

By pressing DISC EJECT button ⑯, the disc will be ejected and the set will return to the previous mode.

Note: When in case of Eject Error, press the Eject button for more than 5 seconds. The CD will force-eject.

⑰ DISC SLOT

With the printed label surface facing up, gently insert the disc into the slot until the soft loading mechanism engages. The display panel will show "READING" and then disc playback will commence.

Note:

- Load the disc at a straight angle into the slot.
- This set is designed to play standard 5" (12cm) compact discs ONLY.
- Do not attempt to use 3" (8cm), either with or without an adapter, or discs fitted with an outer edge trim or frame, as damage to the player and/or disc can occur. Damage to these discs and/or set will not be covered by the product warranty.

USB PLAYER



④ USB PLAYBACK

For control and playback of your USB mass storage device via the car radio, the USB device must be connected to the car radio using the supplied USB cable, as pictured above.

- 1) Gently open the mini USB socket cover ④ on the front of the radio.
- 2) Connect the mating mini USB connector of the supplied connecting cable to this socket.
- 3) Connect the supplied cable to the USB device. The radio will automatically switch to USB mode and music playback will begin.

To change to a different mode, press MODE button ⑥

Note:

- a. When the USB device is selected, **USB PLAY** is displayed while the contents of the USB device are being checked by the car radio.
- b. If there are no compatible music files found on the USB device, the radio returns to the previous mode and displays **NO FILE**.
- c. The USB file music playback function uses the same controls and features as used for the playback of MP3 and WMA files from a CD. Please refer to page 26 to 28 for details of how to control music playback using USB as the file source.
- d. Only 32 character file names are displayed.
- e. Only FAT, FAT12, FAT16 and FAT32 file systems are supported.
- f. Only ID3 tags V1.1, V2.2 and V2.3 are supported.
- g. Use of MULTI-CARD READER devices may not work correctly
- h. Files containing DRM will not be played. Please refer to page 38.

④-1 CHARGING

When connected to the car radio using the supplied cable, the USB device will be charged whilst the radio is operating.

Note:

Effective battery charging of USB devices using socket ④ cannot be assured. Check the specifications of your USB device with the specification section on page 40 of this manual.

AUX PLAYER



⑨ AUX CONNECTOR (AUX)

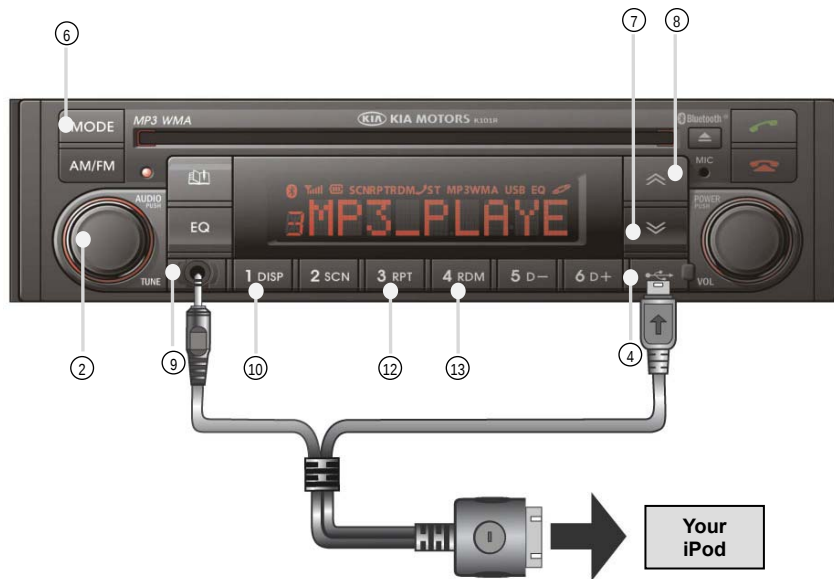
Any device featuring a headphone or line-out facility can be connected to the car radio for audio playback via the car speakers.

- 1) Connect the supplied 3.5 mm stereo plug cable to the AUX input socket on the front of the car radio.
- 2) Connect the 3.5 mm stereo plug to the media player headphone socket.
- 3) Adjust the portable media player to approximately 3/4 volume and start playback.
- 4) Press the button ⑥ on the car radio until the display shows **AUX MODE**.
- 5) The volume and tone can now be adjusted on the radio to the desired level.

Note:

- a. The audio quality of your media player and the audio tracks on it may not be of the same sound quality as the car audio system's CD player.
- b. If the sound of the media player is too low compared with the radio or CD, increase the volume of the player.
- c. If the sound of the media player is too loud and/or distorted, decrease the volume of the player.
- d. When in AUX MODE, only the VOLUME, BASS, MID, TREBLE, EQ, and MODE functions of the car audio set can be used.
- e. For technical information regarding the AUX input, refer to the specification section at the end of this manual.
- f. Any 3.5 mm stereo cable may be connected to the car radio AUX socket, but please check that the plug fully inserts into the socket of the car radio.

iPod PLAYER



④, ⑨ PLAYBACK

For control and playback of your iPod via the radio, the iPod must be connected to the radio using the Kia iPod cable supplied with the radio, as pictured above.

- 1) Gently open the mini USB socket cover ④ on the front of the radio.
- 2) Connect the mating mini USB connector of the Kia iPod connecting cable to this socket.
- 3) Connect the 3.5 mm stereo plug cable of the Kia iPod cable to the AUX input of the radio.
- 4) Connect the Kia iPod cable to the iPod. The radio will automatically switch to the iPod mode and music playback will begin.

To change to a different mode, press MODE button ⑥

④, ⑨-1 CHARGING

Whilst connected to the radio using the Kia iPod connecting cable, the iPod will be charged if the radio is operating.

iPod PLAYER

② CATEGORY AND TRACK SEARCH

Knob ② is used to browse through or search for a music category or music track.

Press and hold knob ② for more than 3 seconds. Then, turn knob ② right or left to display the available category. Each time you turn button ②, the LCD displays as follows:

Playlists↔Artists↔Albums↔Genres↔Songs↔Composers↔Audiobook↔Podcasts

⑦ TRACK DOWN & REVIEW BUTTON

This button ⑦ is used to select track down.

Each time (⏮) is pressed, track number is decreased.

Press and hold this button (⏮) to advance rapidly in the backward direction (REVIEW).

⑧ TRACK UP & CUE BUTTON

This button ⑧ is used to select track up.

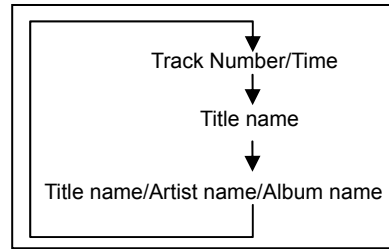
Each time the (⏭) is pressed, track number is increased.

Press and hold this button (⏭) to advance rapidly in the forward direction (CUE).

⑩ ID3 v2 (DISP)

Button ⑩ is used to change the display information. Each time button ⑩ is pressed, the display changes to show the information shown at right.

Note: If the music file/track has no ID3 information, the display will show "Unknown".



⑫ REPEAT PLAY SELECTOR (RPT)

During iPod playback, press button ⑫ to play the currently playing track repeatedly. "RPT" will appear on the display panel when the function is selected. Playback of the track will continue to repeat until the button is pressed again; "RPT" then disappears from the display panel.

⑬ RANDOM PLAY SELECTOR (RDM)

During playback within a category, press button ⑬ to play tracks within the currently selected category in a random or shuffled order. "RDM" will appear on the display panel. The track select function ⑬ will now select tracks in the random mode instead of the normal sequence.

During category play, press button ⑬ for more than 2 seconds to play tracks in the current Album in a random or shuffled order. "RDM" will blink on the display panel. The track select function ⑬ will now select tracks in the random mode instead of the normal sequence.

Note: . The above iPod control and display functions are only available by using the Kia iPod connecting cable with the radio. If the Apple USB cable (supplied with iPod) is connected to the radio using the Kia USB cable (supplied with the radio), the iPod will operate in USB mass storage device mode only.

FIRMWARE UPGRADE

1. Upgrading Firmware

As with most modern electronics devices, the internal control system of this radio uses a powerful microcomputer and associated software or firmware. It may be necessary to add new firmware to the radio to ensure best levels of performance. The new firmware can be uploaded into the radio using a USB storage device. The upgrading process is simple but some precautions must be taken to ensure successful results. Please read the following instructions and notes carefully before attempting a firmware upgrade.

Contact your dealer for details of how to obtain new firmware upgrade files.

Two types of firmware upgrade files are used:

- System firmware (RADIO/CD/ USB/ AUX) e.g. file name: **CNC_Tech_Mxxx.CNC**
- Bluetooth firmware e.g. file name: **CNC_Tech_Mxxx.dfu**

1.1. Upgrading System Firmware (RADIO/CD/USB/AUX)

- 1) Set Ignition switch to the ACC or ON position.
- 2) Turn on the KIA Bluetooth radio.
- 3) Connect the USB storage device with the valid firmware file to the radio.
- 4) **USB PLAY** appears on the display.
- 5) If the file is correct for upgrading, **UPGRADE** appears on the display.
- 6) Firmware upgrade takes about **10 seconds** to complete. During the upgrade process, do not disconnect the USB storage device or switch of the radio or ignition switch.
NOTE: The radio may be damaged if the upgrade process is interrupted.
- 7) If the system firmware upgrade is successful, **COMPLETED** will appear on the display.
- 8) Remove the USB storage device from USB socket of the radio.
- 9) Switch the ignition switch to OFF and then ON again to complete the upgrade.

FIRMWARE UPGRADE

1.2. Upgrading Bluetooth Firmware

The operation of the Bluetooth section of the KIA Bluetooth radio may also be upgraded to improve performance of the hands-free, phonebook and Bluetooth music player features. During Bluetooth firmware upgrade, all paired mobile phones will be removed from the system but the phonebook memory contents will be maintained.

The upgrading process is simple but some precautions must be taken to ensure successful results. Please read the following instructions and notes carefully before attempting a firmware upgrade.

- 1) Set Ignition switch to the ACC or ON position.
- 2) Turn on the KIA Bluetooth radio.
- 3) Connect the USB storage device with the valid firmware file to the radio.
- 4) **USB PLAY** appears on the display.
- 5) If the file is correct for upgrading, **UPGRADE** appears on the display.
- 6) Bluetooth Firmware upgrade takes about **3:30** to complete. During the upgrade process, do not disconnect the USB storage device or switch of the radio or ignition switch.
NOTE: The radio may be damaged if the upgrade process is interrupted.
- 7) If the system firmware upgrade is successful, **COMPLETED** will appear on the display.
- 8) Remove the USB storage device from USB socket of the radio.
- 9) Switch the ignition switch to OFF and then ON again to complete the upgrade.

HANDLING COMPACT DISCS

- 1) Dirt, dust and scratches on the disc surface and warped discs can cause loss of sound or skipping during playback. Additionally, deterioration of sound quality may also result.

Please observe these guidelines to take care of your compact discs:

- * Fingerprints, dust and dirt should be carefully wiped off the disc's playing surface (shiny side) with a soft cloth. Wipe in a straight motion from the inside to the outside of the disc.
- * Never use chemicals such as record sprays, household cleaners or thinner to clean compact discs. Such chemicals can irreparably damage the disc's surface.
- * Discs should be kept in their storage cases when not in use.
- * Do not expose discs to direct sunlight, high temperatures or high humidity for extended periods.
- * Do not stick paper, tape, or labels on the disc surfaces nor write on them with any type of marker.

- 2) Discs with non-standard shapes (e.g.: heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
- 3) Before playing, clean the discs with a cleaning cloth specifically designed to clean compact discs. Wipe each disc from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.
- 4) Some UDF CD-Rs/CD-RWs may have longer reading time.
- 5) Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- 6) MP3 CD-Rs/CD-RWs (depending on the recording method of the disc) may have some difference on sound level.

ERROR DISPLAY

If a problem should develop while operating the CD player, the following error codes may be displayed on the LCD.

LCD SYMBOL	ERROR	DESCRIPTION
ERROR 1	LOAD	Loading is not available.
ERROR 2	MECHANISM	Mechanism problem.
ERROR 3	FAULT	Mechanism fault.
ERROR 4	SERVO	Servo error.
CD ERROR	CD DISC / CD DATA	Disc error. / Disc data error.
USB ERROR	USB FILE ERROR	USB file system error

PRODUCT AND WARRANTY SERVICE

Your KIA MP3/WMA CD Player is guaranteed against defective parts and workmanship for a period of three years from the date of vehicle Registration.
MP3/WMA CD Player supports for MP3 CD of Joliet, ISO9660 and UDF File Format.

In the event your MP3/WMA CD Player is faulty, please take your KIA vehicle to your nearest KIA dealer for their diagnostic inspection of your MP3/WMA CD Player.

If proven defective, your KIA dealer will implement a change over product service to replace your faulty MP3/WMA CD Player.

This product guarantee does not cover damage to your MP3/WMA CD Player (with CD, MP3/WMA and TUNER) if it has been subjected to misuse or abuse.

A fee to extend warranty service to any unit that has been misused or abused will be applied prior to any service work carried out.

This guarantee does not cover any call for warranty service or change over product service if it is recognized that your complaint is caused by your use of damaged, faulty CD Discs or imperfect CD-R and CD-RW discs.

MP3/WMA INFORMATION

The KIA Bluetooth radio is able to play MP3 and WMA music files from a compact disc or USB memory device.

MP3 is an abbreviation of Motion Picture Experts Group (MPEG) Audio layer 3. MP3 audio format files are typically only 1/10th the size of conventional CD DA audio files. Most MP3 files are created on a personal computer using special software. Additional text information such as track TITLE, ARTIST and ALBUM included in the audio track can be displayed on the KIA Bluetooth radio. The sound quality of MP3 files varies depending on the settings used when the file was created. Your KIA Bluetooth radio plays most MP3 files.

WMA is an abbreviation of Windows Media Audio, an audio format developed by Microsoft Corporation. WMA is similar to MP3 with respect to size, sound quality and text display. WMA files are created using the Windows Media Player on a personal computer. Your KIA Bluetooth radio plays most WMA files.

Note:

- The elapsed playing time shown on the display may not be correct when playing MP3 files encoded with variable bit rate (VBR).
- MP3 and WMA files encoded at bit rates lower than 128 KB/s will provide lower sound quality compared to conventional CD DA audio tracks.
- MP3 and WMA files with digital rights management* (DRM) activated cannot be played on this car audio set.

For additional technical information, see the following page in this manual titled 'SPECIFICATIONS'.

- * To disable DRM, locate the 'Protect Content' settings in your MP3/WMA encoding software and re-encode the audio tracks. Copyright may exist on some audio program material; MP3/WMA files are used at your own responsibility.

WARNINGS AND PRECAUTIONS

1) WARNING

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 turning 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

2) PRECAUTIONS

When the inside of the car is very cold and the player is used soon after switching on the heater moisture may form on the disc or the optical parts of the player and proper playback may not be possible. If moisture forms on the optical parts of the player, do not use the player for about one hour. The condensation will disappear naturally allowing normal operation.

SPECIFICATIONS

Bluetooth® B013990

P/N: 6350200019