

AUDIO (With Touch Screen)

Model : ACB10J0GN



4FN3G0000EG

4

Multimedia System

Feature of Your Audio

-Head Unit-



※ The actual features in the vehicle may differ from the illustration.

(1) **Radio**

- Plays FM/AM radio

(2) **MEDIA**

- Plays Media(CD, USB(iPod®), BT Audio, AUX) mode.
- Each time the button is pressed, the mode is changed sequentially.
- The media mode popup will be displayed when [SETUP] button ► [Display] ► [Mode Popup] is turned [On].

(3) **SEEK/TRACK**

When pressed quickly

- Radio mode: Searches broadcast frequencies.
- Media mode: Changes the track, file or title. (except AUX)

When pressed and held

- Radio mode: Automatically searches broadcast frequencies.
- Media mode: Rewinds or fast-forwards the song. (except BT Audio, AUX)

(4) **POWER/VOLUME** knob

- Power: Turns power On/Off by pressing the knob.
- Volume: Sets volume by turning the knob left/right.



(5) **SETUP**

When pressed quickly

- Moves to Setup screen.

When pressed and held

- Moves to the Time Settings.

(6) **MENU**

- Displays menus for the current mode.

(7) **BACK**

- Moves to previous screen.

(8) **FOLDER**

- Media(MP3 CD, USB) mode: Searches folders.

(9) **TUNE**

- Radio mode: Changes frequency by turning the knob left/right.
- Media mode: Searches songs(files) by turning the knob left/right.



(10) **PRESET [1] ~ [6]**

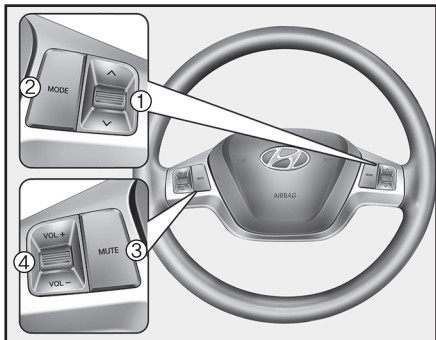
When pressed quickly

- Radio mode: Receives saved frequencies(channels).
- Media mode(except BT Audio, AUX)
 - **[RPT]** button: Repeat/Repeat Folder
 - **[SHFL]** button: Shuffle/Shuffle Folder
- In case of Menu popup, the number menu is selected.

When pressed and held

- Radio mode: Saves frequencies (channels).

Steering Wheel Controls



※ The actual features in the vehicle may differ from the illustration.

(1) SEEK

- When pressed quickly
 - Radio mode: Searches broadcast frequencies saved to Presets.
 - Media mode: Changes track, file or title. (except AUX)
- When pressed and held
 - Radio mode: Automatically searches broadcast frequencies.
 - Media mode: Rewinds or fast-forwards the song. (except BT Audio, AUX)

(3) MUTE

- Mutes the audio volume.
- When a call is active, mic volume is muted.

(4) VOL

- Controls the audio or call volume.

(2) MODE

- Each time this is pressed, the mode is changed sequentially.
- If the media is not connected, the corresponding modes will be disabled.
- Press and hold to turn the Audio system on/off.
- When power is off, press key to turn power back on.

Radio

Radio Mode

Change Mode: [RADIO] button

- Plays Radio(FM/AM) mode. Each time the button is pressed, the mode is changed sequentially.
- If your audio system has no Bluetooth feature, you can change the radio mode through **[FM]**, **[AM]** button.
- The radio mode popup will be displayed when **[SETUP]** button ► **[Display]** ► **[Mode Popup]** is turned **[On]**.

Search Frequency: [SEEK/TRACK] button

Searches the previous/next broadcast frequencies.

- Pressing the button: Changes the frequency.
- Pressing and holding the button: Automatically searches for the next frequency.

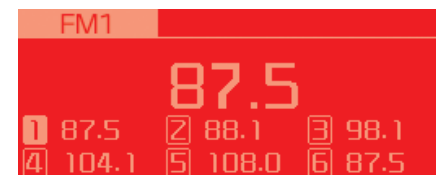
Change Frequency: TUNE knob

Changes frequency by turning the knob left/right. You can seek available frequencies manually.

Saved Frequency: PRESET [1] ~ [6] buttons

- Pressing the button: Plays the frequency saved in the corresponding button.
- Pressing and holding the button: Saves the currently playing broadcast to the selected button and sound a BEEP.

FM/AM Mode



Select Menu: [MENU] button

Displays Menu Popup when pressing the **[MENU]** button.

- Auto Store: Saves broadcasts with superior reception to **[1]** ~ **[6]** buttons. If no frequencies are received, then the most recently received frequency will be broadcast.
- Scan: The broadcast frequency increases and previews each broadcast for 5 seconds each. After scanning all frequencies, returns and plays the current broadcast frequency.
- Sound Settings: Moves to Sound Settings.

Media

Media Mode

Change Mode: [MEDIA] button

- Press the **[MEDIA]** button to change the mode in order of CD → USB(iPod®) → BT Audio → AUX.

If your audio has no Bluetooth feature:
Disc → USB(iPod®) → AUX

If your audio has no CD feature:
USB(iPod®) → BT Audio → AUX

- The media mode popup will be displayed when **[SETUP]** button [Display] ► [Mode Popup] is turned [On].

You can select a menu in the mode popup by using the PRESET **[1] ~ [6]** buttons or **TUNE** knob.

- If media device(CD, USB, iPod, AUX) is connected, then it will automatically operate. Once it is disconnected, the previous mode will be restored.
- The Audio/BT Audio/AUX volume can also be controlled.

Repeat: [1 RPT] button

- Repeats the current song or repeats all songs within the current folder.
- Audio CD, iPod mode: Repeat Song → Repeat Off
- MP3 CD, USB mode: Repeat Song → Repeat Folder → Off

Shuffle: [2 SHFL] button

- Plays all songs within the current folder(category) or play all songs in random order.
- Audio CD, iPod mode: Shuffle Folder → Shuffle Off
- MP3 CD, USB mode: Shuffle Folder → Shuffle All → Off

Change Song/File: [SEEK/TRACK] button

[√ SEEK/TRACK]

- Pressing the button: Plays the current song from the beginning. If the [√ **SEEK/TRACK**] button is pressed again within 3 seconds, the previous song is played.
- Pressing and holding the button: Rewinds the song.

[SEEK/TRACK ^]

- Pressing the button: Plays the next song.
- Pressing and holding the button: Fast-forwards the song.
- AUX and BT Audio don't support Rewind/Fast-forward feature.
- Changing the previous/next song may not be supported in some Bluetooth devices.

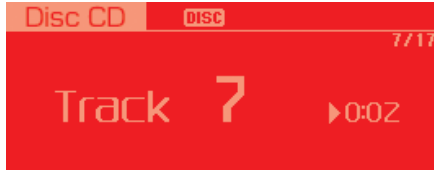
Search Song: **TUNE** knob

- Turning **TUNE** knob: Searches for songs(files).
- Pressing **TUNE** knob: Plays selected song(file).
- ✧ BT Audio and AUX don't support playlist feature.
- ✧ While BT Audio is playing, pressing the **TUNE** knob plays and pauses the current song.

Search Folder: **[FOLDER]** button

- Searches the previous/next folder. (MP3 CD, USB)
- If a folder is selected by pressing the **TUNE** knob, the first file within the selected folder will be played.
- In iPod® mode, moves to the Parent Folder.

Disc(Audio CD)



Displays Menu Popup when pressing the **[MENU]** button.

List

Moves to the list screen.

Repeat

Repeats the current song. Press it again to turn off.

Random(Shuffle)

Randomly plays all songs. Press it again to turn off.

Scan

Scans the beginning parts of all songs. (approximately 10 seconds per file)

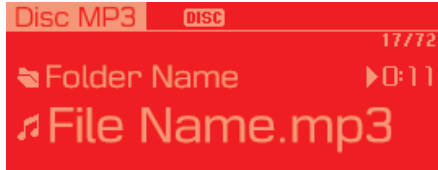
Info

Displays information of the current song.

Sound Settings

Moves to Sound Settings.

Disc(MP3 CD)/USB



Displays Menu Popup when pressing the **[MENU]** button.

List

Moves to the list screen.

Repeat

Repeats the current song. Press it again to turn off.

Repeat Folder

Repeats songs within the current folder. Press it again to turn off.

Random Folder (Shuffle Folder)

Randomly plays songs within the current folder. Press it again to turn off.

Random(Shuffle)

Randomly plays all songs. Press it again to turn off.

Scan

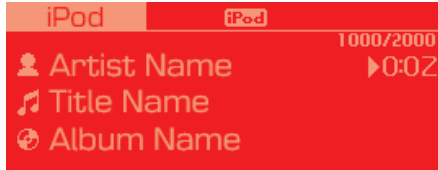
Scans the beginning parts of all songs. (approximately 10 seconds per file)

Info

Displays information of the current song.

Sound Settings

Moves to Sound Settings.

iPod

Displays Menu Popup when pressing the **[MENU]** button.

List

Moves to the list screen.

Repeat

Repeats the current song. Press it again to turn off.

Random(Shuffle)

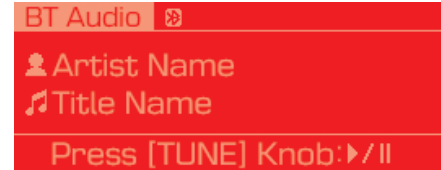
Plays all songs within the currently playing category in random order. Press it again to turn off.

Info

Displays information of the current song.

Sound Settings

Moves to Sound Settings.

BT Audio

Displays Menu Popup when pressing the **[MENU]** button.

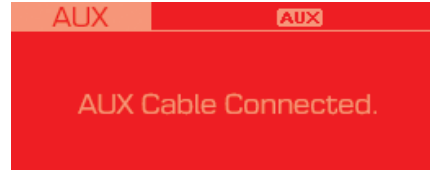
Sound Settings

Moves to Sound Settings.

i Information

- Audio may not automatically start playing in some Bluetooth devices. If the music in the Bluetooth device is not played after changing to audio streaming mode, press the [TUNE] knob. Check if the music is playing in the Bluetooth device after changing to audio streaming mode.
- Audio streaming may not be supported for some Bluetooth devices.
- If Bluetooth device is disconnected, BT Audio is ended.
- Bluetooth connection is required to use BT Audio. Refer to the Bluetooth manual for more information.

AUX



Displays Menu Popup when pressing the [MENU] button.

Sound Settings

Moves to Sound Settings.

i Information

- AUX mode can be used only when an external audio player has been connected.
- If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.

Bluetooth

Before Using the Bluetooth® Handsfree

What is Bluetooth® Wireless Technology?

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, Inc.
- *Bluetooth®* Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, *Bluetooth®* Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® devices through the Multimedia system.

WARNING

Focus on the road while driving. The driver's primary responsibility is in the safe and legal operation of the vehicle. Drivers should not use any hand held devices or other equipment or vehicle systems that distract the driver during vehicle operation.

Do not stare at the multimedia screen for long periods of time while driving. Staring at the screen for prolonged periods of time can lead to traffic accidents and can result in personal injuries.

Precautions for Safe Driving

- Bluetooth® is a feature that enables drivers to make handsfree calls. Connecting the head unit with a Bluetooth® phone allows the user to conveniently make calls, receive calls, and manage the phonebook. Before using *Bluetooth®* Wireless Technology, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

CAUTIONS upon Connecting Bluetooth® Phone

- Before connecting the head unit with the Bluetooth device, check to see that the mobile device supports Bluetooth® features.
 - Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first park your vehicle.
 - Even if the mobile device supports *Bluetooth®* Wireless Technology, the device will not be found during device searches if the device has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the head unit.
 - If a *Bluetooth®* Wireless Technology device becomes disconnected due to being out of communication range, turning the device OFF, or a *Bluetooth®* Wireless Technology communication error, corresponding *Bluetooth®* Wireless Technology devices are automatically searched and reconnected.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off in the Bluetooth® device.
 - Only one Bluetooth® Wireless Technology device can be connected at a time.
 - Bluetooth® connection may become intermittently disconnected in some Bluetooth devices. Follow these steps to try again.
 1. Turn the Bluetooth® function within the Bluetooth device OFF/ON and try again.
 2. Turn the Bluetooth device power OFF/ON and try again.
 3. Completely remove the Bluetooth device battery, reboot, and then again.
 4. Reboot the Multimedia System and try again.
 5. Delete all paired devices from both of Bluetooth device and Head Unit sides and then try again.

CAUTIONS upon Using Bluetooth® Phone

- If the Bluetooth device is not connected, it is not possible to enter Phone mode. After connecting your Bluetooth device to your car, use the Bluetooth features.
- You will not be able to use the handsfree feature when your phone is outside of the cellular service area (e.g. in a tunnel, in a underground, in a mountainous area, etc.).
- If the cellular phone signal is poor or the vehicles interior noise is too loud, it may be difficult to hear the other person's voice during a call.
- Do not place the Bluetooth device near or inside metallic objects, otherwise communications with *Bluetooth®* Wireless Technology system or cellular service stations can be disturbed.
- Placing the audio system within an electromagnetic environment may result in noise interference.
- Some Bluetooth devices may cause interference noise or malfunction to audio system. In this case, store the device in a different location may resolve the condition.
- While a device is connected through *Bluetooth®* Wireless Technology, your device may discharge quicker than usual for additional *Bluetooth®* Wireless Technology-related operations.
- The handsfree call volume and quality may differ depending on the Bluetooth device.
- If Connection Priority is set upon vehicle ignition (IGN/ACC ON), the *Bluetooth®* Wireless Technology device will be automatically connected. Even if you are outside, the *Bluetooth®* Wireless Technology device will be automatically connected once you are in the vicinity of the vehicle. If you do not want to automatically connect your *Bluetooth®* Wireless Technology device, turn off the *Bluetooth®* Wireless Technology feature in your Bluetooth device.
- In some Bluetooth devices, starting the ignition while talking through *Bluetooth®* Wireless Technology enabled handsfree call will result in the call becoming disconnected due to car handsfree call transfer. If you use your phone outside the vehicle, turn off the *Bluetooth®* Wireless Technology feature in your phone.

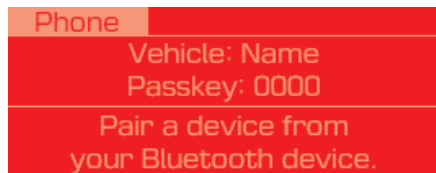
Bluetooth Connection

Before you can use the Bluetooth feature, you must first pair/connect your Bluetooth device to your car.

Pairing a New Device

Select **[PHONE]** button in the head unit or **[CALL]** button in the steering wheel remote control.

Select **[SETUP]** button ► Select **[Phone]**. ► Select **[Add New Device]**.



In your Bluetooth device,

1. Pair your car after your Bluetooth device detects the Bluetooth device.
2. Enter the passkey(0000) or accept the authorization popup.
3. Connect Bluetooth.

i Information

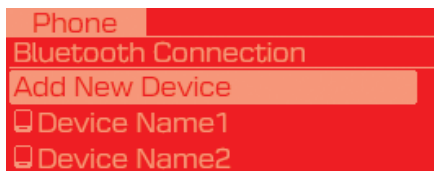
- Up to 5 Bluetooth devices can be paired.
- The default passkey is 0000.
- During a Bluetooth device connection, another device cannot be paired.
- The Vehicle Name above is an example. Check the actual information on the product.
- Pairing and connecting a *Bluetooth®* Wireless Technology enabled Bluetooth device will work only when the *Bluetooth®* Wireless Technology option within your Bluetooth device has been turned on.(Methods of turning on the *Bluetooth®* Wireless Technology enabled feature may differ depending on the Bluetooth device.)

- After pairing is complete, a contacts download request is sent to the Bluetooth device. Some Bluetooth devices may require confirmation upon receiving a download request. Ensure your Bluetooth device accepts the connection. Refer to your phone's user manual for additional information regarding phone pairing and connections.

Connecting Bluetooth Devices

Select **[PHONE]** button in the head unit or **[CALL]** button in the steering wheel remote control. ► Select the name of the device to connect. ► Connect Bluetooth.

- Connects the Bluetooth devices that you add.



i Information

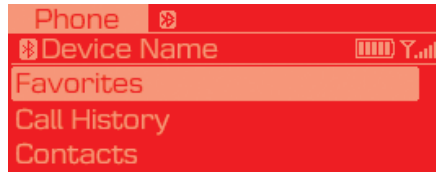
- Only one Bluetooth device can be connected at a time.
- **Bluetooth®** Wireless Technology features supported within the vehicle are as follows. Some features may not be supported depending on your **Bluetooth®** Wireless Technology device.
 - Outgoing/Incoming Handsfree calls
 - Operations during a call: Switch to Private, Switch to call waiting, MIC on/off
 - Downloading Call History
 - Downloading Contacts
 - **Bluetooth®** Wireless Technology device Auto Connection
 - **Bluetooth®** Audio Streaming

Bluetooth Phone

Favorites

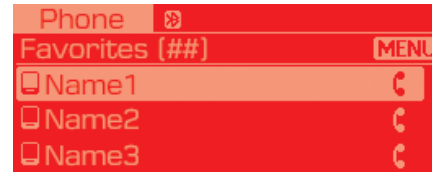
Select **[PHONE]** button ► Select [Favorites]

- Displays Phone Menu screen.
- The connected device name is displayed in the top of the display.



-  : Call signal strength indicator
-  : Battery level of the Bluetooth devices connected

- Lists the phone numbers saved as Favorites. Select from the list to dial the number.



Displays Menu Popup when pressing the **[MENU]** button

- Add New Favorites: Adds a phone number to Favorites.
- Delete ItemsRepeat: Deletes numbers that you select from Favorites.
- Delete All: Deletes all of the numbers from Favorites.

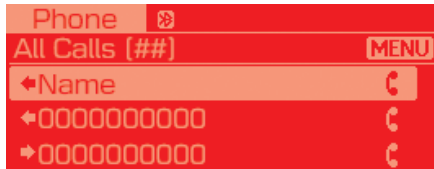
Information

- Up to 20 favorites can be saved in favorites of each device.
- Downloading favorites in your Bluetooth device does not be supported.
- To save favorite, contacts should be downloaded.
- Contact saved in favorites will not be automatically updated if the contact has been updated in the phone. To update Favorites, delete the favorite and create a new favorite.

Call History

Select **[PHONE]** button ► Select [Call History]

- Displays all of your call history. Select from the list to dial the number.



Displays Menu Popup when pressing the **[MENU]** button

- Download: Downloads the call history information from your Bluetooth device.
- All Calls: Lists the all call history.
- Dialed Calls: Lists the calls that you made.
- Received Calls: Lists the calls that you have received.
- Missed Calls: Lists the calls you missed.

Information

- Call history may not be saved in the call history list in some Bluetooth devices.
- Calls from restricted ID's are not saved in the call history list.
- Up to 50 calls can be added in each Dialed Calls/Received Calls/Missed Calls list.
- The durations of each dialed/received call are not displayed in your car's Call History list.
- While the call history download is in progress, the status bar displays an icon (⬇️).
- If the call history download is turned off on the Bluetooth device, the call history download will fail.
- Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.

Contacts

Select **[PHONE]** button ► Select [Contacts]

- Displays the list of Contacts. Select from the list to dial the number.



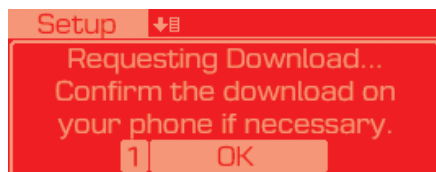
Displays Menu Popup when pressing the **[MENU]** button.

- Download: Downloads contacts from your Bluetooth device.
- A-Z Jump: Finds a contact in an alphabetical order.

Requesting Download

Some devices require a device authentication for downloading your call history and contacts.

If download fails, check the *Bluetooth®* Wireless Technology device settings or the screen state.



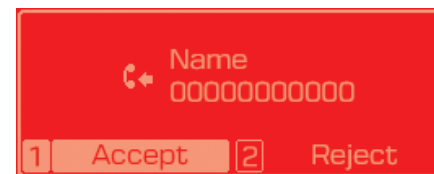
i Information

- Up to 2000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit or delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.

- Even if the Bluetooth device is disconnected, the downloaded data will remain. (Note that deleting a paired device will also delete all downloaded Contacts and Call History data)
- Downloaded phone numbers may be lost depending on the condition of the head unit. Keep your important data in a safe place.
- The status bar displays a (📶) while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.
- Phone contact names should be saved in English or they may not be displayed correctly.
- The time of contacts/call history download may differ depending on the Bluetooth devices.
- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.

Accept/Reject Call

If there is an incoming call, a popup message will appear.



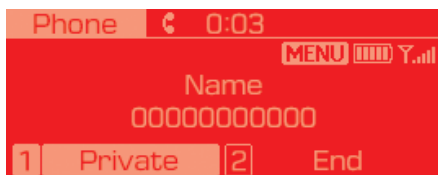
- To answer the incoming call, press the [Accept] button on the screen or the [CALL] button on the steering remote control.
- To reject the call, press the [Reject] button on the screen or the [END] button on the steering wheel control.

i Information

- In some Bluetooth devices, the caller's number may not be displayed, and the Reject feature may not be supported.

Using the Menu During a Phone Call

When making a call, you can use the following menu items.



(1) Private: Switches a voice call from the car Hands-free to the Bluetooth device.

(2) End: Ends a call.

Displays Menu Popup when pressing the **[MENU]** button.

- **Outgoing Volume:** Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).

i Information

- Up to 2000 phone numbers can be downloaded from a single, paired Bluetooth device.
- If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, only the number will be displayed. In some Bluetooth devices, the phone number may not be displayed.
- In some Bluetooth devices, the Use Private feature may not be supported.
- In some Bluetooth devices, the Switch feature may not be supported.
- The phone number may not be properly displayed in some Bluetooth devices.
- During a phone call on a Bluetooth Handsfree, you cannot access other modes, such as Radio and Setup.
- Depending on handset types, the in-call volume the other party hears may differ. If the other party hears your voice too low or too loud, adjust the mic volume.

Phone Settings

Select **[PHONE]** button ► Select [Phone Settings]

- Moves to a screen of Phone Settings. Refer to [Setup ► Phone Settings] manual for more information.

SETUP

Display

Select **[SETUP]** button ► Select [Display]

- Mode: Changes LCD illumination modes: Automatic(changes the level automatically), Daylight, and Night.
- Media Display: When playing an MP3 file, select the desired display info from [Folder/File] or [Artist/Title/Album].
- Mode Popup: During [On] state, press the **[RADIO]** or **[MEDIA]** button to display the mode change popup.
- Text Scroll: If MP3 file name is too long to display, the file name is scrolled from right to left.

Sound

Select **[SETUP]** button ► Select [Sound]

- Position: Selects the sound position.
- Tone: Selects the sound tone.
- Speed Dependent Volume: Controls the volume level automatically according to the speed of the vehicle

Clock

Select **[SETUP]** button ► Select [Clock]

- Clock: Adjusts the number currently in focus to set the [hour], and press the **TUNE** knob to set the [minute] and [AM/PM].
- Date: Adjusts the number currently in focus to make the settings and press the **TUNE** knob to move to the next settings.
- Time Format: Sets the 12/24 hour time format of the audio system.
- Clock Display (Power Off): Displays time/date on screen when the audio system turns power off.

Phone

Add New Device

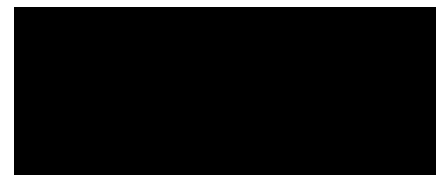
Select **[SETUP]** button ► Select [Phone] ► Select [Add New Device]

- The following steps are the same as those described in the section [Pairing a New Device] on the previous page.

Connect/Disconnect Device

Select **[SETUP]** button ► Select [Phone] ► Select [Paired Devices]

- Displays the paired Bluetooth device list.
- From the paired device list, select the device you want to connect or disconnect.



i Information

- Displays the icons when Bluetooth device is connected.

 : An icon appears when you make a Bluetooth Audio connection.

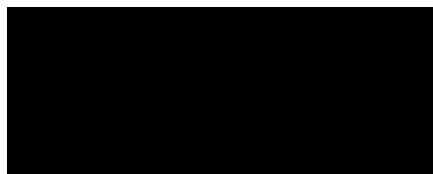
 : An icon appears when you make a Bluetooth Handsfree connection.

- Only one Bluetooth device can be connected at a time.
- Bluetooth Handsfree and Bluetooth Audio functions are supported. Handsfree and audio-supported devices, such as a Bluetooth smartphone or audio, will function normally.
- If the system is not stable due to a vehicle-Bluetooth device communication error, delete the paired device on each device and pair/connect the Bluetooth device again.

Delete Devices

Select **[SETUP]** button ► Select **[Phone]** ► Select **[Delete Devices]**

- Displays the paired Bluetooth device list.
- When selecting from the list, the device is deleted.



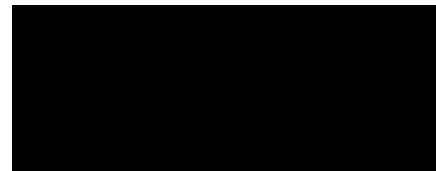
i Information

- When you delete a paired device, the Call History and Contacts stored in the head unit are also deleted.
- To re-use a deleted device, you must pair the device again.

Auto Connection Priority

Select **[SETUP]** button ► Select **[Phone]** ► Select **[Connection Priority]**

- Select the device to want to set the connection priority of paired devices.
- If "None" is chosen, the Bluetooth system will try to connect to the last connected device, then to all paired devices.



i Information

- When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.
- Depending on auto connection priority, connection to a device may take time.
- If a *Bluetooth*® Wireless Technology device becomes disconnected due to being out of communication range, turning the device OFF, or a *Bluetooth*® Wireless Technology communication error, corresponding *Bluetooth*® Wireless Technology devices are automatically searched and reconnected.
- Even if you are outside, the *Bluetooth*® Wireless Technology device will be automatically connected once you are in the vicinity of the vehicle. If you do not want to automatically connect your *Bluetooth*® Wireless Technology device, turn off the *Bluetooth*® Wireless Technology feature in your Bluetooth device.
- In some Bluetooth devices, starting the ignition while talking through *Bluetooth*® Wireless Technology enabled handsfree call will result in the call becoming disconnected due to car handsfree call transfer. If you use your phone outside the vehicle, turn off the *Bluetooth*® Wireless Technology feature in your phone.

Language

Select **[SETUP]** button ► Select [Language]

- Changes the display language.

Display Off

Select **[SETUP]** button ► Select [Display Off]

- Audio operation is maintained and only the screen will be turned Off. In the Screen Off state, press any key to turn the Screen On again.

<FCC 15C Statement>

: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

This appliance and its antenna must not be co-located or operation in conjunction with any other antenna or transmitter.

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.