User Manual

HAMT1001 (BAPE-C300M)

MP3 [WMA]/USB/AUX/Bluetooth/iPod
CD Player with AM/FM Radio

Contents

Inportant Note:

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

Please refer to the main vehicle user manual section "**Features of Your Vehicle**" for general information regarding radio reception and care and use of the vehicle mounted antenna, and care and use of media (CDs, USB etc.).

The operation of **Steering wheel controls** in the main vehicle user manual are not relevant to the radio model depicted in this user manual. interference to radio reception, which can be determined by turning the equipment off or on, the user is encouraged to consult the dealer or an experienced radio technician for help.

Contents

Location of Controls 1

Getting started 3

Radio 5

MP3 [WMA]/CD player 6

USB/AUX player 9

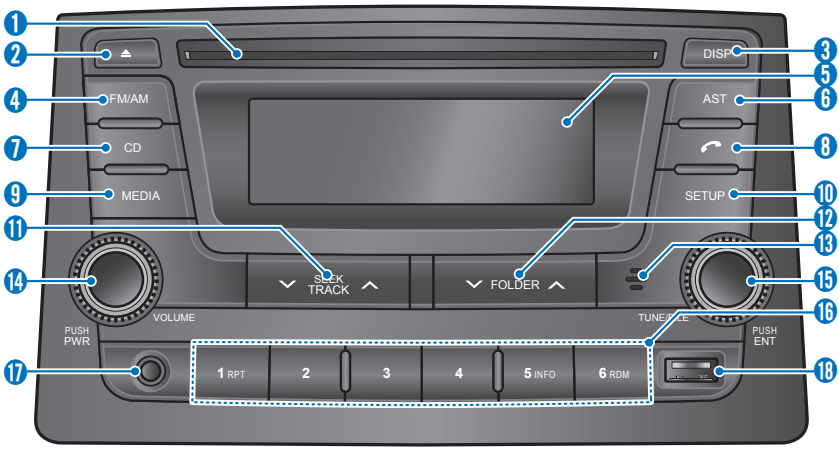
Bluetooth 11

Appendix 15

Specifications 17

Location of controls

Front view of the unit



❶ Disc slot: Insert a disc (label side up), playback starts.

❷ **EJECT** [⏏] button: Ejects the disc.

❸ **DISPLAY** [**DISP**] button: Switch the dimming level for displaying.

❹ **FM/AM** button: Selects the radio function or band (press : FM1 → FM2 → FMT → AM → FM1 → ....).

❺ Display window

❻ **AST** button: Store the preset stations automatically.

❼ **CD** button: Select the CD playback.

❽ **CALL** [📞] button: Enter the Phone menu or receive/end a call (press); reject/make a call via last call (press and hold).

❾ **MEDIA** button: Select the connected external device (USB/iPod, AUX or Bluetooth audio) playback.

❿ **SETUP** button: Enters the System setup (Audio/Bluetooth/Language/Scroll Direction).

⓫ ∨ **SEEK/TRACK** ∧ buttons: Seek a station or skip a track (press); fast tune down/up the frequency or fast-rewind/forward a track (press and hold).

⓬ ∨ **FOLDER** ∧ buttons: Folder down/up or setting/list menu move to lower/upper.

⓭ Microphone for handsfree function.

⓮ **POWER** [**PWR**] button with **VOLUME** dial
Turn the power on/off (press); tune the power off (press and hold); adjust the volume (rotate).

⓯ **ENTER** [**ENT**] button with **TUNE/FILE** dial
Enter the Music search mode or change the selected the item for setting/searching (press); find a station manually, skip a track or move down/up the menu items for setting (rotate).

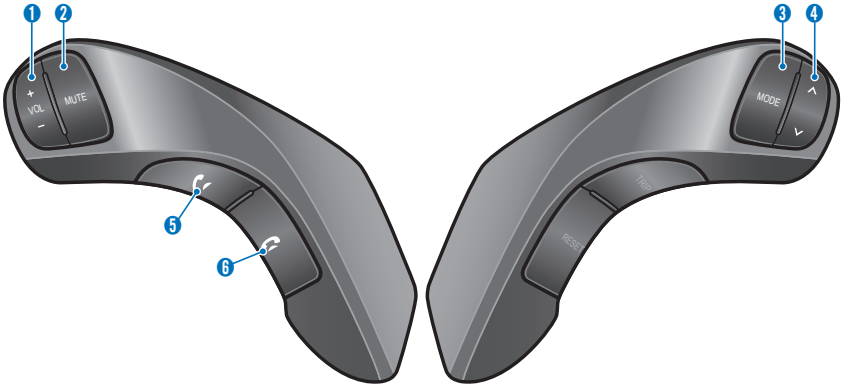
⓰ Number [**1 RPT**] ~ [**6 RDM**] buttons: Store each station (press and hold), receive each stored station, change the CD/USB playback mode or show the playing track's information (press) as below;
1 RPT: Repeat playback
5 INFO: Show the playing track's information
6 RDM: Random playback

⓱ **AUX** jack: Plug an external audio device.

⓲ **USB** port: Plug the USB storage device.

Location of controls

Steering wheel controls



❶ **+ VOLUME [VOL] -** buttons**:** Adjust the volume.

❷ **MUTE** button: Turn the Mute or Pause function on/off.

❸ **MODE** button: Turn the Car audio system on, select the Radio, CD/MP3 [WMA] player or connected external device (USB/ iPod, AUX or Bluetooth audio) playback (press); turn the Car audio system off (press and hold).

❹ ∧ **SEEK** ∨ buttons: Skip the previous/ next preset station or track (press); fast tune down/up the station frequence or fast-rewind/forward a track (press and hold).

❺ **CALL** [ ] button: Enter the Phone menu or receive an incoming call (press); make a call via last call (press and hold).

❻ **END** [ ] button: Ends/rejects a call.

Getting started

Turn the unit on/off

1 Turn your car's ignition key to **ACC** or **IGN (ON)** position.
Or turn your car's ignition on by pressing the smart ignition button.

2 Press the **POWER** [**PWR**] button to turn the unit on.
The previously selected station is received or the song is played.

3 Press or press and hold the **POWER** [**PWR**] button to turn the unit off.

To turn the power on directly
By inserting a disc, connecting the USB device or pressing the **FM/AM, CD**, **MEDIA** or **MODE** button (while the disc is inserted or the USB/iPod/AUX/BT Audio device is connected), you can also turn the power on and the unit then plays.

Adjusting the volume level

1 Rotate the **VOLUME** dial to increase or to decrease the volume level.
The display will show the volume level (Audio mode: 00 to 31 / Call mode: 00 to 31).

Muting the sound quickly

1 Press the **MUTE** button on the Steering wheel controls to set mute or pause on.
"MUTE" or "PAUSE" will flash on the display.
During the CD/USB, paused the playback and mute the sound.
To restore the sound or resume CD/USB playback, press the **MUTE** button on the Steering wheel controls or rotate the **VOLUME** dial.

Switching the screen brightness

1 Press the **DISPLAY** [**DISP**] button to switch the screen brightness high or low.

Setting the Audio

You can adjust the level of the Bass/Treble/Balance/Fade/AUX volume/SPD volume.

1 Press the **SETUP** button to enter the System setup screen.
The System setup screen will be displayed for 5 seconds.

2 Rotate the **TUNE** dial to select the "Audio" then press the **ENTER** button.

3 Press the **ENTER** button to select the desired Audio setup menu.
By pressing the **ENTER** button, you can select one of the Audio setup menu as following: Bass → Treble → Balance → Fade → AUX VOL → SPD VOL

4 Rotate the **TUNE** dial to select the level, then press the **ENTER** button.

- **Bass**: adjust the bass sound level (-5 to +5).
- **Treble**: adjust the treble sound level (-5 to +5).
- **Balance**: adjust the sound balance between the right and left speakers (-5 to +5).
- **Fade**: adjust the sound fade between the front and rear speakers (-5 to +5).
- **AUX VOL (Auxiliary Volume)**: adjust the AUX volume level (LOW/MID/HI).
- **SPD VOL (Speed Dependent Volume Control**: adjust the SPD volume level (0 to 5).

Setting the Bluetooth

1 Press the **SETUP** or **CALL** [ ] button to enter the System setup or Phone menu screen.

The System setup or Phone menu screen will be displayed for 5 seconds.

In case of the **CALL** [ ] button is pressed, skip next 2 steps.

2 Rotate the **TUNE** dial to select the "Bluetooth", then press the **ENTER** button.

3 Rotate the **TUNE** dial to select the desired Bluetooth control menu, then press the **ENTER** button.

By rotating the **TUNE** dial, you can select one of the Bluetooth control menus as follows; Pair Device ↔ Select Device ↔ Delete Device ↔ On/OFF.

In case of the "Pair Device" is selected, follow steps 4 to 6 on page 11 "Pairing your phone and car audio system" to complete the pairing.

- **Pair Device**: enter the pairing (Pin code: 0000/Device name Grand I10).

4 Rotate the **TUNE** dial to select device list or On/Off, then press the **ENTER** button.

- **Select Device**: selects one of five Bluetooth devices for connection.
- **Delete Device**: deletes the Bluetooth device.
- **On/Off**: Activate/deactivate the Bluetooth function.

Setting the Language

You can select the language for displaying.

1 Press the **SETUP** button to enter the System setup screen.

The System setup screen will be displayed for 5 seconds.

2 Rotate the **TUNE** dial to select the "Language", then press the **ENTER** button.

3 Rotate the **TUNE** dial to select the desired language, then press the **ENTER** button.

Setting the Scroll Direction for TUNE dial rotation

1 Press the **SETUP** button to enter the System setup screen.

System setup screen will be displayed for 5 seconds.

2 Rotate the **TUNE** dial to select the "Scroll Direction", then press the **ENTER** button.

3 Rotate the **TUNE** dial to select the UP or DOWN, then press the **ENTER** button.

Tuning in a station

• Turn on the radio

1 Press the **FM/AM** button repeatedly to select the band.
FM1 → FM2 → FMT → AM → FM1 ....

• Tuning a station manually

2 Rotate the **TUNE** dial to tune to a desired frequency.

• Tuning a station automatically

3 Press the ∨ **SEEK/TRACK** ∧ buttons to tune a station automatically.
The tuning automatically stops at the stations whose signals can be received, and the station is selected.

Note

- When tuning in stations while driving, use Preset number button to prevent accidents.

Using the Preset station

You can preset six stations for each band (FM1, FM2, FMT and AM).

• Storing stations manually

1 Follow steps 1 to 3 on this page "***Tuning in a station***" to tune to the frequency you wish to preset.

2 Press and hold the **Preset number** [**1 RPT**] ~ [**6 RDM**] buttons for more than 2 seconds to select the preset number.
The frequency is stored in the selected preset number and you will hear a beep.
To preset another station, repeat these steps.

Note

If you try to store another station using the same preset number, the previously stored station will be replaced.

• Storing stations automatically

- The unit selects the stations with the strongest signals within the selected band, and stores them in the order of their frequency.
- Up to six stations can be stored in the current band.

1 Press the **FM/AM** button repeatedly to select the band.
FM1 → FM2 → FMT → AM → FM1 ....

2 Press and hold the **AST** button for more than 2 seconds.
"AUTO STORE" appears on the display.
The unit stores stations in the order of their frequencies on the number buttons.

Notes

- If only a few stations can be received due to weak signals, some number buttons will retain their former settings.
- When a number is indicated in the display, the unit starts strong stations from the one currently displayed.

• Listening to a Preset station

1 Press the **FM/AM** button repeatedly to select the band.
FM1 → FM2 → FMT → AM → FM1 ....

2 Press the **Preset number** [**1 RPT**] ~ [**6 RDM**] button on which the desired station is stored.

Before disc playback

- You can play CD-DA and MP3/WMA discs.
- This unit cannot play the following files:
  - MP3 files encoded with MP3i and MP3 PRO format.
  - MP3 files encoded in an inappropriate format.
  - MP3 files encoded with Layer 1/2.
  - WMA files encoded with lossless, professional, and voice format.
  - WMA files which are not based upon Windows Media® Audio.
  - WMA files copy-protected with DRM.
  - WMA 10 version.
  - Files which have data such as WAVE, ATRAC3, etc.

Note : Available discs

- CD-DA : CD-R/CD-RW
- MP3/WMA : CD-R/CD-RW/CD-ROM

Caution

- 3" (8 cm) CD is not playable with this unit, so do not insert it.
- Do not use irregularly shaped discs.
- Do not use discs that have a seal or label attached.
- To avoid damaging the front panel, do not push it down or place objects on it while it is open.
- Do not put your finger or hand in the front panel.
- Do not insert foreign objects into the disc slot.

Note

- The power will be turned on automatically when a disc is loaded.
  A disc which has both CD-DA data and MP3/WMA data on it may not play correctly.

About CD-R/CD-RW

- Use only "finalised" CD-Rs or CD-RWs.
- This unit can play back only files of the same type which are first detected if a disc includes both audio CD (CD-DA) files and MP3/WMA files.
- This unit can playback multi-session discs; however, unclosed sessions will be skipped while playing.
- Some CD-Rs or CD-RWs may not play back on this unit because of their disc characteristics, or for the following reasons:
  - Discs are dirty or scratched.
  - Moisture condensation occurs on the lens inside the unit.
  - The pickup lens inside the unit is dirty.
  - CD-R/CD-RW on which the files are written with “Packet Write” method.
  - There are improper recording conditions (missing data, etc.) or media conditions (stained, scratched, warped, etc.).
- CD-RWs may require a longer readout time since the reflectance of CDRWs is lower then that of regular CDs.
- Do not use the following CD-Rs or CD-RWs:
  - Discs with stickers, labels, or protective seals stuck to the surface.
  - Discs in which labels can be directly printed by an ink jet printer.
- Using these discs under high temperatures or high humidity may cause malfunctions or damage to the unit.

About MP3/WMA

- This unit can playback MP3/WMA files with the extension code<.mp3> or <.wma> (regardless of the letter case-upper/lower).
- This unit can show the names of albums, artists (performer), and Tag (Version 1.0, 1.1, 2.2, 2.3, or 2.4) for MP3 files and for WMA files.
- This unit can display only one-byte characters, no other characters can be correctly displayed.
- This unit can playback MP3/WMA files meeting the conditions below:
  - Bit rate:
    8 kbps ~ 320 kbps for MP3 / 64 kbps ~ 161 kbps (VBR) for WMA
  - Sampling frequency:
    48 kHz, 44.1 kHz, 32 kHz (for MPEG-1 Layer 2/3)
    24 kHz, 22.05 kHz, 16 kHz (for MPEG-2 Layer 2/3)

12 kHz, 11.025 kHz, 8 kHz (for MPEG-2.5 Layer 3)
- Disc format: ISO/IEC 11172-3, ISO/IEC 13818-3

• The maximum number of characters for file/folder names vary among the disc format used (includes four extension characters - <.mp3> or <.wma>).
- ISO 9660 Level 1: up to 12 characters
- ISO 9660 Level 2: up to 31characters
- Romeo: up to 128 characters
- Joliet: up to 64 characters
- Windows long file name: up to 128 characters

• The unit can playback files recorded in VBR (variable bit rate). Files recorded in VBR have a discrepancy in elapsed time display, and do not show the actual elapsed time. After performing the search function, this difference becomes noticeable.

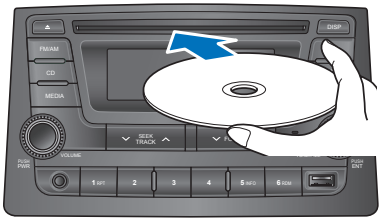
• The unit can recognise a total of 512 files, of 200 folders, and of 8 hierarchies.

Note

Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Loading a disc and starting playback

1 Insert a disc into the disc slot with the label side facing up.



• Playback will start automatically after recognizing the data of the loading disc.
• It may take some time to start playing.
• All tracks will be played repeatedly until you change the source or eject the disc.

Note:

• Do not insert a disc when the disc indicator light on the display window is illuminated because a disc is already loaded.
• When disc is in the unit, press **CD** button repeatedly to select the CD and playback starts.

Controlling the playback

1 Press the ∨ **SEEK/TRACK** ∧ buttons repeatedly to go to the previous or next tracks.
• For MP3 or WMA disc, you can skip tracks within the same folder.

2 Press and hold the ∨ **SEEK/TRACK** ∧ to fast rewind or forward the track, and release to resume the playback.
• The search function works but search speed is not constant.
• While fast rewinding or forwarding, you can only hear intermittent sounds.

3 Press the ∨ **FOLDER** ∧ button repeatedly to go to the previous or next folders (only for MP3 or WMA disc).

Selecting the playback modes

1 Press the [**1 RPT**] button to activate/deactivate the Repeat playback.
• **RPT**: The current track plays repeatedly.
• Off: All tracks of disc play repeatedly.

2 Press the [**6 RDM**] button to activate/deactivate the Random playback.
• **RDM**: All tracks of disc play in random order.
• Off: Cancels random playback.

Showing the song information

1 Press the [**5 INFO**] button repeatedly to show the current song's other information.

Searching the track/file

1 Press the **ENTER** button to enter the Music search mode.

Track/File list screen will be displayed for 5 seconds.

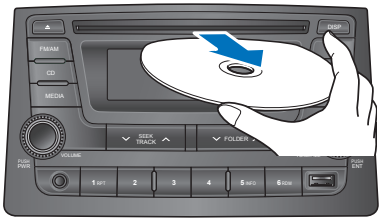
2 Press the ∨ **FOLDER** ∧ button to select the desired folder/categogy, then press the **ENTER** button to enter the track list of the selected folder/ category.

If necessary, repeat this step to select the desired folder or category.

3 Rotate the **FILE** dial to select the desired track/file name, then press the **ENTER** button to start play back of the selected track/file.

Stopping playback and ejecting a disc

1 Press the **EJECT** [⏏] button, and take the disc.



Note: Ejecting a disc

If the ejected disc is not removed within 10 seconds, the disc is automatically inserted again into the loading slot to protect it from dust. (Disc will not play this time.)

Note: Changing the source

If you change the source, playback also stops (without ejecting the disc).

Next time you select "CD" as the playback source, disc play starts from where it was stopped previously.

Precautions for handling USB device/iPod

- When using the external USB device, make sure to keep the device disconnected and connect only some time after turning on the vehicle ignition. The USB device may be damaged if the USB device is already connected when the ignition is turned on. (USB device is not an electronic automotive component)
- Some USB devices may not operate properly because of compatibility issues. Check that the external device is supported by the device before starting use.
- The device will only recognise USB devices formatted in FAT16 or FAT 32. (NTFS format is not supported.) When formatting the external USB device, the device may not properly recognise a Byte/Sector selection other than 512 Byte or 2048 Byte.
- Avoid contact of body parts and foreign substances with the USB connector.
- Repeatedly connecting/disconnecting the USB in a short period of time may cause damage to the device.
- When disconnecting the USB, an abnormal sound may occur occasionally.
- Abruptly disconnecting the external USB device while the USB is operating may cause the device to be damaged or function abnormally.
  Make sure to disconnect the USB device only after the audio power is turned off or when the audio is operating in a different mode.
- The amount of time required to recognise the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in the required time are not indications of malfunction. Please wait the period of time required to recognise the device.
- The device supports only USB devices used to play music files.
- Do not use the USB I/F to charge batteries or USB accessories which generate heat. Such acts may lead to deteriorated performance or damage to the device.
- The device may not recognise the USB device if separately purchased USB hubs and extension cables are used.
- In the case of high capacity USB devices, there are instances where the logical drives are partitioned for user convenience. In this case, it will only be possible to play the USB music in the top level drive.
  When using partitioned drives, save the songs you wish to play on the device only in the top-level logical drive. In addition, certain USB devices are configured with a separate drive used to install application programs and it may not be possible to play songs from such drives for the reasons described above.
- The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management).
- iPod is a registered trademark of Apple Corporation in the United States and/or other countries.
- This product connects iPod models which support the following and other devices are not supported.
  - iPod Nano/iPod/iPod Touch/iPhone models
- Some iPod/iPhone models may not be supported/connected.
- Only connect the iPod to this product with connection cables supported by iPod products. Other connection cables cannot be used.
- In some cases, the iPod product may be damaged if the ignition is turned off while it is connected to the product. When the iPod product is not being used, keep it separate from this product with the car ignition turned off.
- The playback functions and the information display items of the iPod player used with this product may differ from the iPod in terms of play order, method, and the information displayed.

USB/AUX player

Playing a USB device/iPod

By connecting a USB device or iPod to the USB cable at the USB input jack on the unit, you can listen on your car speakers, while controlling the USB device or iPod from the unit.

1 Connect the USB storage device or iPod with MP3/WMA files to be played to the USB input terminal.

The "USB" or "iPod" appears and playback starts automatically after recognizing the data of the USB storage device or iPod.

2 When the USB storage device or iPod is already connected, press the **MEDIA** button to enter the Media menu screen, then select the USB or iPod by using the **TUNE** dial with **ENTER** button.

The USB/iPod playback will start automatically.

You can change the volume, playback mode and folder/category or file/track selection by using buttons and dials on control panel. (Refer to "**MP3[WMA]/CD player**" section)

Listening to Auxiliary audio equipment

By connecting an optional portable audio device to the AUX input jack (stereo mini jack) on the unit and then simply selecting the source, you can listen on your car speakers. The volume level is adjustable for any difference between the unit and the portable audio device.

1 Turn down the volume on the unit.

2 Turn off the external audio equipment. Connect the audio output of the external audio equipment to the **AUX** input terminal on the unit.

Be sure to adjust the volume for each connected audio device before playback.

When the external audio equipment is already connected, press the **MEDIA** button to enter the Media menu screen, then select the AUX by using the **TUNE** dial with **ENTER** button.

3 Start playback of the external audio equipment at a moderate volume.

4 Set your usual listening volume level on the unit.

Bluetooth operation

To use the Bluetooth function, the following procedure is necessary.

1. Pairing
When connecting Bluetooth devices for the first time, mutual registration is required. This is called "pairing". This registration (pairing) is required only for the first time, as this unit and the other devices will recognize each other automatically from the next time. (Depending on the device, you may need to input a pass code for each connection.)

2. Connection
Sometimes pairing allows automatic connection.
To use the device after pairing is made, start the connection.

3. Hands-free talk/Music streaming
You can call a mobile phone and listen to music when the connection is made.

• Some Bluetooth devices may not support specific functions.

Pairing your phone and car audio system

First, register ("pair") a Bluetooth device (mobile phone, etc.) and this unit with each other. You can pair up to six devices. Once pairing is established, there is no need to pair them again. Place the Bluetooth device within 3 m (9 ft) of this unit.

1 Press the **CALL** [☎] or **SETUP** button to enter the Phone or System setup screen.
Phone or System setup screen will be displayed for 5 seconds.
In case of **CALL** [☎] button is pressed, skip next 2 steps.

2 Rotate the **TUNE** dial to select the "Bluetooth", then press **ENTER** button.

3 Rotate the **TUNE** dial to select the "Pair Device" menu, then press **ENTER** button.
The unit enters pairing standby mode.
The "Ready to Pair Pin:0000" appears in the display.

4 Set the Bluetooth device to search for this unit.
A list of detected devices appears in the display of the connecting device. This unit is displayed as "Grand I10" on the connecting device.
Confirm this by pressing "YES" or "OK" on your phone.

- If your phone does not find "Grand I10" repeat steps 1 ~ 2.

5 If *Pin code input is required on the display of a connecting device, input "0000" (4 digit).
This unit and Bluetooth device memorise each other's information, and when pairing is made, the unit is ready for connection to the device.
"Bluetooth device model name" and "Connected" with "" indicator appear after pairing is completed.

- Some Bluetooth devices ask you to accept the "BT link" or "Connect". Enter "Yes" or "OK".

* Pin code may be called "passcode," "Pass key," "PIN number" or "password," etc., depending on the device.

6 Set the Bluetooth device to connect to this unit.

Note: Pairing standby mode is not released until the connection is made.

Notes: When Pairing Bluetooth Devices
This unit supports the Bluetooth profile "Advanced Audio 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 this unit and car speakers.

Additionally, this unit 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 this unit or steering wheel remote controls (if fitted) on your vehicle.

Notes When Playing Bluetooth Audio:

- Check your Bluetooth device user manual for details of how to play music tracks via an external Bluetooth audio system such as this unit.
- Some Bluetooth mobile phones cannot play music at all or may play music tracks in low quality audio through this unit.
- Text Information attached to music tracks on the music player (e.g. the elapsed playing time, song or artist name etc.) will not be displayed on this unit.
- Playback may automatically begin as soon as the Bluetooth Audio mode is selected using this unit or steering wheel buttons.

Notes When Pairing Bluetooth Devices:

- This unit allows a maximum of 6 Bluetooth devices to be paired. Once paired, the device is retained in memory and pairing is not required again unless the device is deleted from the car radio.
- Only one Bluetooth mobile phone may be connected to this unit at one time for hands free telephone operation.
- If a Bluetooth music player is to be connected together with a mobile phone, refer to next page "Listening to music from a Bluetooth device".
- Bluetooth connection between this unit and mobile phone is normally established using the Hands Free Profile (HFP). However, some mobile phones may only allow the connection to establish in Head Set Profile (HSP) and therefore some functions may not be available.

Connecting a mobile phone

- Devices are registered once paired and connected with this unit. You can select the registered device and connect it.
- If pairing has already been achieved, start operation from here.
- Depending on the device, connection may start automatically after pairing.

1 Connect to this unit using your mobile phone and press the **CALL** [ ] button.

The "Connected" with " " icon is appeared and Bluetooth signal is switched to on.

Receiving a call

When receiving a call, the ring tone is output from your car speakers and caller's number appears on screen.

1 When a call comes in, "Incoming Call" and "Telephone number" appears with a ring tone, press the **CALL** [ ] button or select the [ ] icon by using the **TUNE** dial with **ENTER** button to answer a call.

"Calling" appears and the phone call starts.

The built-in microphone of this audio system will pick up your voice.

- [ ]: Ends a call.
- [ ] / [ ]: Switch the private/hands-free call mode.
- **#123**: Enter the number entering mode.

To reject an incoming call, press and hold the **CALL** [ ] button or select the [ ] icon by using the **TUNE** dial with **ENTER** button.

"CALL REJECT" appears and return to previous function.

Making a call

You can make a call from the connected mobile phone by operating this unit.

• Redialing the Last Call

1 Press and hold the **CALL** [ ] button for more than 2 seconds to enter the last call dial mode.

"Outgoing Call" appears and the phone redialling starts.

• Using the Call History

1 Press the **CALL** [ ] button to enter the Phone menu screen.

2 Rotate the **TUNE** dial to select the "Call Lists" menu, then press the **ENTER** button.

3 Select the desired History type and Call number by using **TUNE** dial with **ENTER** button.

"Outgoing Call" appears and the phone dialing starts.

• Using the Dial function

1 During the Bluetooth menu screen, Select the Call Number menu by using the **TUNE** dial with **ENTER** button.

2 Rotate the **TUNE** dial to select the desired number then press the **ENTER** button to enter the selected number.

To complete telephone number, repeat this step.

3 Rotate the **TUNE** dial to select the Dialing [ ] icon then press **ENTER** button.

"Outgoing Call" appears and the phone dialling starts.

• Using the Phone Book

This unit can store 500 names. Names with a maximum length of up to 16 characters and phone numbers with a maximum length of up to 20 digits can be displayed. This unit downloads contacts automatically from the Bluetooth mobile phone once a Bluetooth phone is connected.

1 During the Bluetooth setup screen, Select the Phone Book menu by using the **TUNE** dial with **ENTER** button.

2 Selects the desired phone number by using the **TUNE** dial with **ENTER** button.

"Outgoing Call" appears and the phone dialling starts.

Notes:

- The Phonebook feature is not operated during the Phonebook downloading.
- Some mobile phones may not support Phone Book Access Profile (PBAP) and therefore the Phonebook feature may not be available.

Adjusting the talk volume

1 Rotate the **VOLUME** dial to increase or to decrease the talk volume level.

The display will show the Bluetooth volume level.

Transferring a call

In order to activate/deactivate the appropriate device (this unit/mobile phone), check the following.

1 During a call via Bluetooth hands-free, rotate the **TUNE** dial to select the **Private** [ ] icon, then press the **ENTER** button.

The hands free function is deactivated, and the mobile phone calling starts.

During a call via mobile phone, select the **Hands-free** [ ] icon byusing the **TUNE** dial with **ENTER** button.

The Bluetooth hands-free function is activated and hands-free calling will starts.

For details on mobile phone operation, refer to your mobile phone manual.

Note:

Depending on the mobile phone, hands-free connection may be cut off when call transfer is attempted.

Ending a call

1 Press the **END** [ ] button or select the **End** [ ] icon by using the **TUNE** dial with **ENTER** button.

Note

Even if the call is ended, the Bluetooth connection is not canceled.

Listening to music from a Bluetooth device

This unit supports the Bluetooth profile "A2DP (Advanced Audio Distribution Profile)". 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 this unit and car speakers.
Additionally, this unit supports the "AVRCP (Audio Video Remote Control Profile)". 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 this unit or steering wheel remote controls (if fitted) on your vehicle.

1 Switch to Bluetooth signal on your mobile phone/music device.
"Stereo Headset" appears when the connection is made.

2 Press the **MEDIA** button to enter the Media menu screen, then select the **BT Audio** by using the **TUNE** dial with **ENTER** button.
"BT AUDIO" screen appears.

3 Operate the your mobile phone or music player to start playback.
You can change the volume and skip track by using buttons on this unit.
(Refer to ***"MP3 [WMA]/CD player"*** section)

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.

PRECAUTIONS

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

MP3/WMA Information

This unit 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 this unit. The sound quality of MP3 files varies depending on the settings used when the file was created. This unit 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. This unit 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.
- Only 27 character file names are displayed.
- Only FAT16 and FAT32 file systems are supported.
- Only ID3 tags V1.1 and V2.2 are supported.

Product and Warranty Service

This unit is guaranteed against defective parts and workmanship for a period of three years from the date of the first vehicle registration after new vehicle sale.

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

If proven defective, your HYUNDAI 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 or USB devices.

The guarantee does not cover operating and/ or performance expectations beyond the specifications shown in this user manual.

Specifications

General section

Power supply: DC 14.4 V Negative Ground
Speaker impedance: 4 ohm
Max. Power: 45 Watts x 4 Ch

AM/FM Radio section

Frequency range: AM 522 kHz ~ 1,620 kHz
FM 87.5 MHz ~ 108.0 MHz
Usable sensitivity: AM ≤ 35 dBu / FM ≤ 18 dBu
Signal to noise ratio: AM ≥ 40 dB / FM ≥ 45 dBu
Stereo separation: FM ≥ 20 dB

USB MP3[WMA] section

Frequency response: 20 Hz ~ 20 kHz
Total harmonic distortion: 0.1 % (at 1 kHz)
Dynamic range: 85 dB (at 1 kHz)
Signal-to-Noise ratio: 60 dB (at 1 kHz)
Channel separation: 54 dB (at 1 kHz)
USB Charging Current: 2.1 A (max)

MP3[WMA]/CD section

Sampling frequency: 8 times oversampling
DA converter: 4 DAC system
Pick-up type: Astigma 3-beam
Light source: Semiconductor laser
Wave length: 780 nm
Frequency response: 20 Hz ~ 20 kHz (± 3 dB)
Signal to noise ratio: ≥ 50 dB
Total harmonic distortion: ≤ 1 % (1 kHz)
Wow and flutter: Below measurable limits
Channel separation: ≥ 35 dB

Bluetooth section

Frequency: 2,402 ~ 2,480 MHz
Specification: 2.0 + EDR
Profile: Head Set Profile (1.0), Hands-free Profile (1.5), Advanced Audio Distribution Profile (1.2), Audio/Video Remote Control Profile (1.0), Phone Book Access Profile

AUX section

Input Sensitivity: 2 V (Volume Step 20) / 400 and 800 mV @ 10 K Ohm

Specifications and design are subject to modification without notice due to improvements.

* FCC

This equipment has been tested and found to comply with the limits for a 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 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 diff erent from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device comply with part15 of FCC rules.
Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device & its accessories must accept any interference received, including interference that may cause undesired operation.

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

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

* CE

Hereby, ' Humax Automotive Co., Ltd. ' declares that this HAMT1001 is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.