

GAME MODE

When in the position other than the game mode, press [SELECT] button a long while.
Using [◀/▶] button, convert to the game mode and choose Battle Armor.

Battle Armor



[Game Method]

When choosing the game method on the main menu or temporary pause, game background scenario and general descriptions are displayed.



Note

- Please refer to game method on button operation and press [MENU] button a long while to release when you want to exit from game to other modes.



FM RADIO MODE

Converting to FM radio mode

When in the position other than FM radio mode, press [MENU] button a long while. Using [◀/▶] button, select FM radio mode and press [SELECT] button shortly and then it will work.



Frequency searching

[Search manually]

Press [◀/▶] button shortly and then the frequency will be moved by one step.

[Search automatically]

Press [◀/▶] button a long while and then the frequency will be searched automatically.

Changing the FM mode

FM radio has 2 modes like manual and preset mode.

When pressing [MODE] button shortly, you can convert from manual to preset. And press [MODE] button shortly again, you can convert from preset to manual.



<Manual Mode>



<Preset Mode>



FM RADIO MODE

Adding preset

- Can save the desired frequencies manually.
 - The frequencies can be saved as much as 20.
1. Select the frequency to save on FM MANUAL mode.
 2. Press [A--B] button shortly.
 3. When it is saved next to the previous preset number, it is displayed in red as shown left.



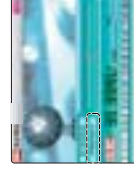
Auto preset

1. Press FM MANUAL [MODE] button a long while.
2. It is saved on the preset automatically choosing satisfactory frequency in the local area.



Searching preset

1. Press [MODE] button shortly at the FM mode and move to preset mode.
2. Using [◀/▶] button, move to preset number you want.



FM RADIO MODE

Changing Mono/Stereo

Press [PLAY] mode shortly at the FM mode and then mono/stereo is changed.



<Mono>



<Stereo>

Deleting preset

1. Press [A--B] button a long while after moving to preset number to delete at FM MANUAL mode.
2. The selected preset frequency is deleted and deleted preset number is changed to black shown left.



FM RADIO MODE

Using main functions on FM mode

[FM Region]

1. Press [MENU] button a long while at the FM mode.
2. Using [▲/▼] button, move to FM Region and press [MENU] button shortly.
3. After moving to desired FM Region, press [MENU] button shortly.
 - Korea/US : Can search the FM frequency by 100KHz from 87.5MHz ~ 108.0MHz.
 - Japan : Can search the FM frequency by 50KHz from 76.0MHz ~ 108.0MHz.
 - China/Europe : Can search the FM frequency by 100KHz from 87.5MHz ~ 108.0MHz.



[FM Sense]

1. Press [MENU] button a long while at the FM mode.
2. Using [▲/▼] button, move to FM sense setup and press [MENU] button shortly.
3. Move to desired FM sense and press [MENU] button shortly.
 - The more FM sense is high, the more frequencies can be received.
 - High - Middle - Low



RECORD MODE

Converting to record mode

When in the position other than record mode, press [MENU] button a long while. Using [◀/▶] button, move to voice record mode and press [SELECT] button to convert voice record mode.
 ※ When pressing [REC] button a long while at the music mode, it is converted to record mode.



Record/Stop

[Record]

Press [REC] button shortly once.

[Stop]

Press [REC] button shortly once again.



Temporary pause/release of recording

[Temporary pause of recording]

Press [Play] button shortly once in the middle of recording.

[Release of recording]

Press [Play] button shortly once more then the recording will be continued.





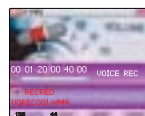
RECORD MODE

Using main functions on record mode

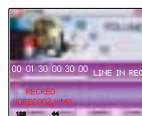
[Record mode selection]

Press [MENU] button a long while, select the sound source and choose voice/outside input .

- ① Voice record : Record with internal MIC.
- ② Outside input record : Using Line-in Jack record the sound of outside instrument.



<Voice record>



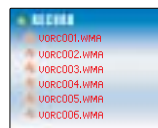
<Outside input record>

! Caution

- In case of record, check the record mode and record.
- When recording with internal MIC in the state of LINE-IN mode, MIC record may not exist.

[Play the recorded file]

When pressing [MENU] button shortly on the record mode, the recorded files are displayed.
Using [▲/▼] button, select the desired recorded file and press [▶(FF)/PLAY] button to play.



[Stop the recorded file]

Check the recorded files and press [PLAY] button shortly once more.



Note

- Voice Record = Saved as VORCO01.WMA file
- Outside Input Record = Saved as AUDI001.WMA file
- The voice record is automatically stopped when the memory is full.
- Any recording file can't be saved in miniSD card.



RECORD MODE

Recording the outside input

Record the sound coming in line connected to set.
Choose Record menu ⇒ Source ⇒ Outside Input.

Recording the playing music in the outside instrument

1. Connect the output terminal (or Line out terminal) and Line-in terminal on body with Line in cable.
● Play the music to record by pressing the play button on outside instrument.
2. When pressing the button a shortly while and record is started.
● When pressing [▶/||] button, the record is paused and then press button again to continue the recording.
3. The record is stopped when pressing the button and a recorded file is created.
● The record order is and it is saved in the [RECORD] AUDI001.WMA, AUDI002.WMA folder as a type of WMA file.



Note

- The bit rate is able to set 32Kbps~128Kbps.



Caution

- It is unable to record when battery remnant is short.
- Set the volume of outside instrument appropriately and record.
The recorded sound quality may be poor when the volume is so loud or weak.

1. After pressing [MENU] button a long while and move to menu mode, select the video mode.
Or, press [MENU] button shortly and check the movie file in the VIDEO folder.

- In the video folder, a movie file will be created.



2. When the selected window is displayed, press [▲/▼] button shortly to move the desired file and press button.

- The selected video is played.
- [←/→]: Adjust the volume.
- Shortly [◀/▶]: Move to previous/next video
- Long [◀/▶]: Search fast
- Buttons other than menu: Check process time, total time, volume and etc.
- When pressing [ESC] button shortly, it will be turned to navigation state. (The video mode released)

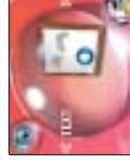


Note

- The video file support only the .mps extension file.
- Any other type of video file should be send to main body by converting with "PMP Transcoder". (Refer to 15~23 pages)
- When the file is not converted abnormally, [◀/▶] button may not work. (The interrupted file during conversion or error file)

1. After pressing [MENU] button a long while and move to menu mode, select the text mode.
Or, press [MENU] button shortly and can check the files in the TEXT folder.

- The text file with ".txt" extension made in PC can be read by text viewer.



2. When the selection window is displayed, after press [▲/▼] button shortly and move to desired file, press [FF/PL/WT] button.

- The selected text is displayed.
- Using [▲/▼] button and move to previous/next page.
- When pressing [ESC] button shortly, it turns to navigation state. (The text mode released)

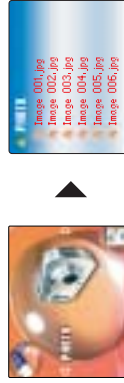


Note

- You can read the text while playing the music.
(On the music mode, Play the music ⇒ Press [MENU] button shortly ⇒ Enter the "TEXT" folder ⇒ Select ".txt" file)

PHOTO MODE

1. After pressing [MENU] button a long while and move to menu mode, select the photo mode.
 ● The image window is displayed.



2. When the selection window is displayed, after pressing [▲/▼] button shortly and move to desired file, press [▶/⏪]/[PLAT] button.
 ● The selected image is displayed.
 ● When selected image is displayed, it turns to navigation state. (The photo mode released)
 ● After selecting the file on background image select photo mode, press [REC] button shortly and the selected file turns to background image.
 ● [◀/▶] : Move to previous/next image.
 ※ You can view the photo while playing the music.
 (On the audio mode, Play the music ⇒ Press[MENU]shortly ⇒ Enter the "PHOTO" folder ⇒ Select ".jpg" file)



참고

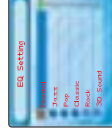
- The best fit image is 220X170 when the image is sent to main body.
 The image with more than 800X600 size may be displayed slowly.
- In case of big size image, adjust the size with Photoshop and send it to main body.
- If image not displayed on main body, use other image conversion utility to send and the image will be displayed. (Only "JPEG" format supported)

DETAILED FUNCTIONS

MUSIC

[EQ Setting]

- After pressing [MENU] button a long while, enter the music mode and then go to "EQ Setting". Using [▲/▼] button up and down to select the types.
 ● Press [MENU] button and select "EQ Setting".
- EQ is changed in order when pressing [MODE] button shortly while playing.
- Press [ESC] button shortly when canceling the selection.



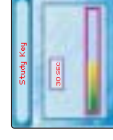
[User EQ]

- After pressing [MENU] button a long while, enter the music mode and then go to "User EQ". Using [▲/▶] button right and left, select and setup the tone.
- Press [MENU] button and select "User EQ".
- Press [ESC] button shortly when canceling the selection.



[Study Key]

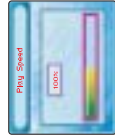
- This function is for skip over set forward/backward.
- After pressing [MENU] button a long while, enter the music mode and then go to "Study Key". Using [◀/▶] button right and left, select setting as user wants.
- Press [MENU] button and select "Study Key".
- Press [ESC] button shortly when canceling the selection.
- ex) In case that study key is set as 5 sec, playback moves 5 sec forward/backward when you press [◀/▶] button on play.



DETAILED FUNCTIONS

[Play Speed]

- This function is used to adjust the playing music speed.
- After pressing [MENU] button a long while, "Play Speed" screen will be displayed. Using [▲ ▼] button right and left, set desired playing speed.
- Play Speed can set from 80 % to 120 %.
- Press [MENU] button and select.
- Press [ESC] button shortly when canceling the selection.



[ID3 Tag]

- This function is used to display the information of music file.
- After pressing [MENU] button a long while, "ID3 Tag" screen will be displayed. Using [▲ ▼] button up and down, set ID3 Tag function setup.
- Press [MENU] button and select.
- Press [ESC] button shortly when canceling the selection.



[Repeat]

- This function is used to display the repetition setup.
- After pressing [MENU] button a long while, "Repeat" screen will be displayed. Using [▲ ▼] button up and down, set desired set up.
- Press [MENU] button and select.
- Press [ESC] button shortly when canceling the selection.



DETAILED FUNCTIONS

FM Radio

[Mono/Stereo Setting]

- This function is used to change Mono/Stereo of radio.
- After pressing [MENU] button a long while, enter the FM radio mode, and then go to "Mono/Stereo setting".
- Using [▲ ▼] button up and down, set the Mono/Stereo usage.
- Press [MENU] button and select.
- Press [ESC] button shortly when canceling the selection.



[FM Sense]

- In case of AUTO SCAN, the FM broadcasting varies according to FM sensitivity ratio. In this case, this function is used to set the sensitivity and adjust the level of AUTO SCAN.
- After pressing [MENU] button a long while, enter the FM radio mode, and then go to "FM Sense". Using [▲ ▼] button up and down, set the FM sensitivity.
- Low : To lower the sensitivity, in the strong sensitivity zone
- Middle : To adjust the sensitivity at medium, general use
- High : To heighten the sensitivity, in the weak sensitivity zone
- Press [MENU] button and select.
- Press [ESC] button shortly when canceling the selection.

