

DIGITAL CAR AVN SYSTEM

MTX5500

User's Manual



COMPACT
disc **MP3**
DIGITAL AUDIO **CD-R/RW**



Thank you for purchasing our product.

Before using this product, read user's manual carefully for safe operation.

Manual contents may vary according to product version.

CONTENTS

1. REFERENCES	Page 04
2. NOTICES	Page 06
3. COMPONENTS	Page 07
4. NAMES AND FUNCTIONS	Page 08
5. RADIO	Page 11
6. BLUETOOTH	Page 12
7. MEDIA PLAYER	Page 21
7.1 MUSIC PLAYER	Page 21
7.2 AUX PLAYER	Page 24
7.3 DVD PLAYER	Page 25
7.4 IPOD PLAYER	Page 28
8. SETUP	Page 30
9. REAR CAMERA	Page 32
10. SPECIFICATIONS	Page 33
11. TROUBLE SHOOTING	Page 34
12. LIMITED WARRANTY	Page 35
13. A/S CENTER	Page 37

REFERENCES

1. References

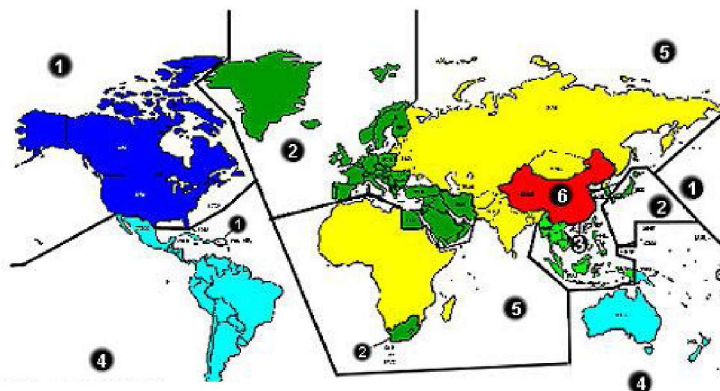
1.1. Terms for DVD

DVD	Abbreviation for Digital Versatile Disc or Digital Video Disc. It affords to contain about 135 min. of movie clip or clips with maximum 8 languages and 32 languages' subtitles. It also supports movie compression in MPEG-2 method and Dolby Digital Cubic Surround Sound function, so you can enjoy a dean movie and superb sound with it.
CDDA	Compact Disc Digital Audio. It is a music disc in general use.
MP3	Abbreviation for MPEG-1 Audio Layer 3. It is a method of audio compression to provide CD level sound quality
CHAPTER	Information recorded to DVD disc. A title of DVD is divided into many of sections. Those sections are called as chapters. The specific part of screen can be searched fast with those numbers.
TITLE	Information recorded on DVD disc. DVD disc can be divided into many titles.
TRACK	Information recorded to Video CD and Audio CD. It is separated into many tracks so you can quickly search for specific parts.
Multi Angle	Some of DVD discs contain the screen taken at multiple angles at the same time.

REFERENCES

1.2. Region code Information

In this product as well as all types of DVD discs, region codes are followed. If the region code of the device does not support an inserted disc, the DVD cannot be played. Check the chart below for region codes.



- 1: Canada and USA
- 2: Europe, Japan, Middle East and South Africa
- 3: South East Asia
- 4: Australia, and South America
- 5: Africa, Russia, and rest of Asia
- 6: China

1.3. Region Codes

The region code for local DVDP is number 5 or ALL. The product cannot play discs with other region codes, so use only discs with local code 5 or ALL.



[Region code 5]



[ALL]

2. Notices

- Do not use the product when there's no sound or displays abnormally. Use under abnormal condition can cause accidents, fires or electric shock.
- Take caution not to damage the vehicle parts upon installation. Lack of caution can cause fires, electric shock or car accident.
- Do not disassemble or modify the product. Such can damage the product or cause fires, electric shock or accidents. Malfunction or defects caused by user liabilities is not covered by customer service.
- If cabin noise is too loud, such can isolate exterior sounds and lead to accidents.
- Use only designated parts. Using parts other than designated parts may cause product damage or abnormal functioning. Also, malfunction or defects caused by user's fault cannot have customer service. Lost or damaged parts can be replaced by purchasing new ones from the dealer shop.
- Moisture or liquid in the product can cause malfunction or fire and make sure the ventilation is not blocked. Blocked ventilation will accumulate heat in the product and can cause malfunction or fire.
- Staring at the screen while driving can cause accidents. Please take caution. Car must be parked on a safe place to operate the product or watch.
- As the battery can be discharged when used long time while car is not running, use the product only when car has been started.
- The design and standards of this product can change without notices for quality improvement.
- Use the product only when the surrounding temperatures is between 0°C ~ 60°C. Using the product under high or low temperature can cause product to malfunction.
- Do not pull or impact the LCD panel. LCD panel can be damaged. Do not press the case around the touch panel with strong force. The product can get damaged or malfunction.
- When operating the navigation, guiding condition and actual condition may not match due to changes of traffic regulations and others. Please comply with actual traffic regulations when driving. Our company has no responsibilities for any cases of accidents caused from not complying with traffic regulations or actual conditions by user. Please drive safely at all time.
- Clean the touch screen with dry cotton cloth after turning the power off. Wet or rough cloth can scratch the panel surface or can transmute, so, never use it.
- After using DISC, put it back in the original case. As the disc is put on car deck or shelf, it can be not applied or its sound can be rough for transformation or scratch of Disc.
- Do not use abnormal shape Disc such as 8 cm, heart shaped, or octagon. It may cause problem of the machine.

NOTICES / COMPONENTS

- Do not expose DISC to the direct ray, high humidity, or high temperature for long time. It can transform DISC.
- Remove finger prints or dusts on DISC with soft fabrics. Do not use any chemical agents like benzol; they might harm or damage DISC surface.

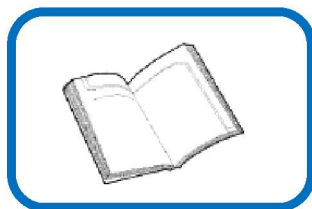
3. Components

Before using the product, please confirm the following contents.

Images and specifications of the product can be changed.



Unit



User's Manual (USER, MAP)

NAMES AND FUNCTIONS

4. Name of each part and Functions

4-1. Name of each part



① Disc Insert Slot

② Radio Mode Selection
(AM/FM) Button

③ Media Button

④ Track/Seek Up Button

⑤ Track/Seek Down Button

⑥ Power(On/Off) /
Volume Control

⑦ Disc Eject () Button

⑧ NAVI Button

⑨ Display ON/OFF Button

⑩ SETUP Button

⑪ PHONE BUTTON

⑫ TUNE UP/DOWN

4-2. Basic Functions

① Disc Insert Slot

Slot for disc insertion. When a CD is inserted, previous mode is cancelled and CD will be played.

② Radio Mode Selection (AM/FM) Button

Press this button to play the radio. Each press will change the radio mode in the order of:

FM1 → FM2 → FM3 → AM → FM1 ...

③ Media Button

Press this button to play Media player. Each press will change the media mode in the order of:

DVD(CD) → AUX → USB/iPod → DVD(CD) ...

④, ⑤ Track/Seek Up/Down Button

- **Radio:** Press this button to select a frequency. It automatically searches a receivable frequency every time you press it.

- **CD, USB, iPod:** Press this button to select a track. While a music file is being played, you can fast forward or rewind the current music file by pressing this for more than 2 seconds.

⑥ Power (On/Off) / Volume Control

⑥-1 POWER(ON/OFF)

Press and hold the knob for over 0.8 seconds to turn off the screen and terminate the operating media mode. Press the knob again for under 0.8 seconds to turn on the screen and operate the media mode.

⑥-2 Audio ON/OFF

Press the knob for under 0.8 seconds to operate Audio ON <-> Audio OFF mode.

⑥-3 Volume Control

It adjusts the volume. Turning it to the right will turn the volume up and turning it to the left will turn the volume down.

⑦ Disc Eject () Button

It is used to take out the disc. When the button is pressed while disc is being played, the disc will be ejected and the most recent mode will be turned on. Even under the ACC OFF status and when the button is pressed disc will be ejected then power off and ACC off are maintained.

⑧ NAVI Button

Pressing this button will turn on Navigation mode.

⑨ Display ON/OFF Button

Press this button to turn the LCD display on/off. Only the display will turn off while the mode will continue to operate.

BASIC FUNCTIONS

⑩ **SETUP Button**

Pressing this button will execute Setup mode.

⑪ **PHONE Button**

Pressing this button will execute PHONE mode.

⑫ **TUNE Up/Down**

⑫-1 **MANUAL TUNING**

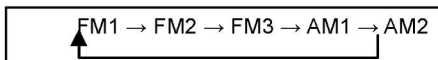
- **Radio**: To manually tune to a radio station, turn knob ⑫ on the front panel clockwise or counter-clockwise to increase or decrease the radio frequency
- **CD, USB, iPod**: Turn knob ⑫ on the front panel clockwise or counter-clockwise to select a track. When music is playing, turning the tune knob will fast forward or rewind the current song.

⑫-2 **Enter**

While a Media music(only USB) file is being played, you can select music(USB) file. Turn the knob to left or right and press the knob.

5. RADIO

Press the **RADIO** button ② to begin playing the radio. Each press of the button will change the radio mode in the order of:



5.1. SEEK UP/DOWN

Short key(Within 0.8sec): Press the **SEEK UP/DOWN** button ④, ⑤ to automatically search frequencies and stop at the next receivable broadcast.

Long key(for 0.8 sec): Press and hold the **SEEK UP/DOWN** button to quickly search through frequencies. Once the button is released, automatically searches for next broadcast which can be received.

5.2. MANUAL TUNING

To manually tune to a radio station, turn the **TUNE** knob ⑫ clockwise or counter-clockwise to increase or decrease the radio frequency.

5.3. RADIO SCREEN



① SCAN BUTTON

Scans each frequency for 5 seconds. Press and hold the button for over 0.8 seconds to sequentially scan the 6 preset broadcasts.

② BSM BUTTON

Searches and saves optimal frequencies. The saved frequencies are displayed on the LCD.

5.4. To save preset radio stations

1. Find the frequency you wish to save.
2. Pick the desired preset number to save the frequency and press and hold it for over 3 seconds.
3. The station is saved as a preset to the sound of a beep.

6. BLUETOOTH

This device supports wireless Bluetooth. A Bluetooth mobile or music player can be wirelessly connected with the device.

1. This device is connected to a mobile when the power is at standby mode (ACC ON state) .
2. Maximum distance to connect wireless Bluetooth is 10m.
3. This device is equipped with the latest Digital Noise & Echo technology to provide excellent sounds and minimize sound distortion. Note that it still may make a little echoes and noises in some situations. In this case, close the window to improve sound quality.
4. This device supports the following Bluetooth profiles.
 - ▶ HFP (Handsfree Profile)
 - ▶ HSP (Head Set Profile)
 - ▶ A2DP (Audio Advanced Distribution Profile)
 - ▶ AVRCP (Audio Video Remote Control Profile)

5. Bluetooth Display Description

▶ **Bluetooth logo indicator :**

When the Bluetooth is successfully connected, the Bluetooth logo will be displayed. If not, no logo will be shown.

▶ **Battery strength indicator :**

Shows the battery status of the mobile connected. The following icon will not be displayed if the mobile cannot send out battery status signals ().

▶ **Signal level indicator :**

Mobile works on an antenna signal level indicator. If the mobile cannot send out an antenna signal, the indicator will show no signals.

BLUETOOTH

6. Bluetooth Menu

Press the **BLUETOOTH** button ⑪ to display the Bluetooth Menu.



6.1 Bluetooth Connection



6.1.1. Pairing mode in Handsfree

To use the mobile on the device via Bluetooth, you must first connect Bluetooth. Connection is made via Hands Free Profile (HFP). When connecting through the mobile, connection is made via Head Set Profile (HSP) and other features cannot be used.

6.1.2. How to connection your Bluetooth mobile.

Enter the name of the device you wish to connect and press the **CONNECTION** button. The following screens are displayed during and upon completing connection.

Once connection is complete, ① or ② is displayed for approx. 1 second.

If connection is successful, the BLUETOOTH MAIN screen is displayed as shown in ③.

If connection fails, the BLUETOOTH device LIST screen is displayed as shown in ④.



BLUETOOTH

6.1.3. How to pair your Bluetooth mobile



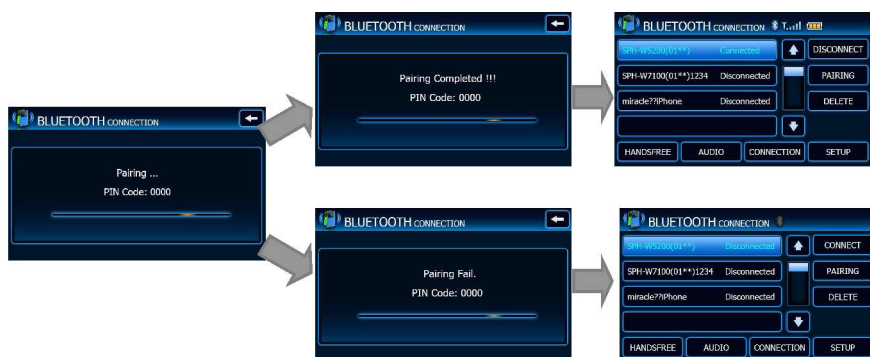
Pressing the “Pairing” button will display the following screens.

Press the **CONNECTION** menu within the Handsfree options in your mobile.

Press the “0000” passkey in your mobile and press “OK”.

You will see that the mobile has been added to the list.

Once pairing is complete, the “Pairing Completed” or “Pairing Fail ” will be displayed depending on pairing results.



Note :

- Method of Bluetooth connection may differ depending on the mobile phone. Refer to the section on connecting Bluetooth in your mobile user's manual.
- Once Bluetooth pairing is complete, pairing will be conducted automatically as you turn on the ignition as the device and mobile becomes automatically recognized.
- The device stores up to 6 Bluetooth mobile pairings.
- Connection priority is given to the most recently connected phone.

BLUETOOTH

6.1.4. How to remove a paired list



To remove a paired list, select the device and press the **DELETE** button.

When deleting a list, the message "Do you want to delete?" will be displayed. Press the "YES" button to delete or press the "NO" button to cancel.

BLUETOOTH

6.2 Playing songs on Bluetooth Audio

This device supports Audio Advanced Distribution Profile (A2DP), Audio Video Remote Control Profile (AVRCP). Both profiles allow you to play music on the mobile through the device.



Pressing the **Audio** button will display the following screens.

Pressing this button will operate Bluetooth Audio function.



If Bluetooth audio player is not connected, the following screen will be displayed.



-  : Plays previous song
-  : Pauses/Plays song
-  : Plays next song.

Note:

- ※ Playing music files via Bluetooth connection may not be supported in some mobile phones.
- ※ This device does not display music information (e.g. playing time, song title, index).
- ※ While the iPod/iPhone is connected with the device, the Bluetooth feature can be used to play music. If the cable is disconnected, Bluetooth Audio will stop. Press the play/pause button to re-play the song.

BLUETOOTH

6.3 Operation of Handsfree

The Handsfree function operates via Bluetooth wireless technology.

6.3.1. Touch Call and Recent Call



Press the **HANDSFREE** button to display Handsfree mode.

The Touch Call Screen will be displayed.

Input the desired number and press the **CALL** button.

To call a recently called number, press the **CALL** button without entering a phone number.

To view recent calls, press **RECENT CALL**.

Pressing the **BLUETOOTH** button ⑪ will display the **HANDSFREE** Touch Call screen. If you do not wish to call, press the **CANCEL** button.

BLUETOOTH

6.3.2. Outgoing Call

The following are outgoing call screens.



Once a call starts, "HandsFree Mode" and call time will be displayed.

Here, press the **Private** button to convert to the mobile.

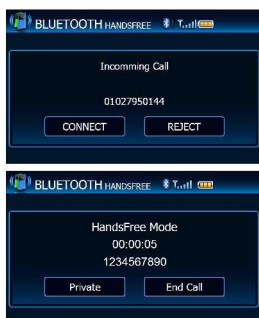
To convert to the device, press the **HandsFree** button.

Note: If you receive a mobile call during incoming call, "HandsFree Mode" and **HandsFree** button will be displayed on the screen.

When pressing the End Call button, the "End Call", Telephone number, and call time will be displayed. Once the call is over, the previous screen will be restored.

6.3.3. Incoming Call

The following are incoming call screens.



If you receive a call while in a different mode, the "Incoming Call" will become displayed.

Here, press the **CONNECT** button to take the call or the **Reject** button to **REJECT** the call.

"Private" and "HandsFree" functions operate the same as for Outgoing Calls.

6.3.4. Switching to private (handset) mode during a call

When on a call in handsfree mode, it is possible to switch to private mode if you wish to speak to the calling party in private.



The "Private" and "H/Free" functions are used to switch the call from the device to the mobile to speak privately.

Press the **Private** button and the following screen is displayed.



To switch back to the device, re-press **HandsFree** button.

BLUETOOTH

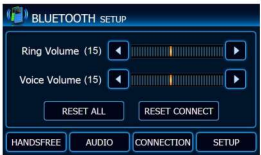
6.4. Setting Bluetooth Conditions



Press the **SETUP** button to reset or setup sound.

Pressing the **SETUP** button will operate the Bluetooth setup feature.

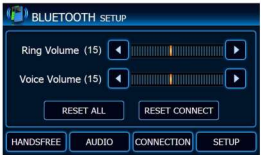
6.4.1. Bluetooth Volume



Voice Volume: adjusts the voice volume.

Ring Volume: Adjusts the ring volume.

6.4.2. Bluetooth Reset



When **RESET ALL** button is pressed, resets paired device list and call list information.

When **RESET CONNECT** button is pressed, resets paired device list information.



Pressing the **RESET ALL** button will display the "Do you want to reset all?" message. Press **YES** to resets paired device list and call list information.

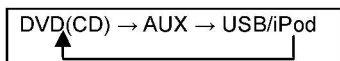


Pressing the **RESET CONNECT** button will display the "Do you want to reset connect?" message. Press **YES** to resets paired device list information.

MUSIC PLAYER

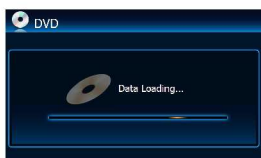
7. Media Menu

Press **Media** button to operate Media mode in order of DVD(CD), AUX, USB, iPod mode.

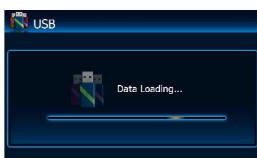


However, the corresponding Media mode will operate only when a DVD(CD) is inserted or a USB disc or iPod device is connected. When there are no supported files within the USB disc, the message “No File” is displayed on the USB play window and restores the previous mode. When a DVD(CD), USB disc or iPod is not connected, the device will convert to AUX mode. If an AUX cable is not connected, the message “Auxiliary Input Not Connected” is displayed.

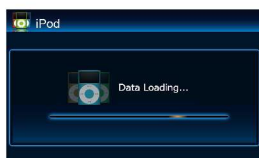
Auto Play feature is supported when a DVD(CD), USB disc, or iPod is connected to the AVN SET.



(DVD/CD Loading)



(USB Loading)

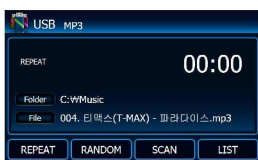


(iPod Loading)

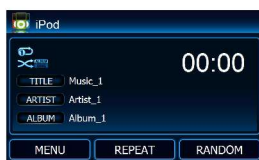
7.1 Music Player



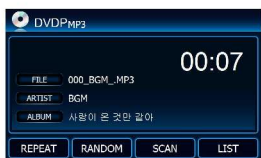
(CD PLAY)



(USB PLAY)



(IPOD PLAY)



(Mp3 PLAY – MTX5500)

As shown in the figure above, the DVD(CD) MP3 play window for the MTX5500 AVN Set displays the ARTIST, ALBUM, and FILE information based on the ID3V1 TAG info.

7.1.1 Seek Track up/down

1) Tune button ⑫

Turn the button clockwise/counter-clockwise to search the tracks. Press the button at the desired file to begin play (USB Only)

For DVD MP3 or CD, operates in the same way as the Seek Up/Down keys.

Note: When pressing Tune Left/Right, songs within the folder of the current song are searched and displayed on the screen. Press **TUNE** button to play the selected song. (This feature is not supported in iPod mode.)

2) Track Up / Down Button ④, ⑤

The **Track Up** ④ / **Down** ⑤ buttons plays the next or previous song.

Press and hold the button for 2 seconds to operate Fast-forward/Rewind.

Note: When playing the previous/next song, only songs within the current folder can be played. To play a song within a different folder, press **LIST** button and first select the corresponding folder.

7.1.2. Repeat Play

Within USB MP3 Player mode, press REPEAT to repeat the current song. Press and hold REPEAT for over 2 seconds to display the FOLDER REPEAT text on the screen and repeat all songs within the current folder.

Within DVD MP3 Player mode, press the REPEAT button to repeat the current song.

In Repeat mode, press the Track (Seek) up/down buttons to turn off repeat mode.

7.1.3. Random Play

Within USB MP3 Player mode, press RANDOM to play songs in random order. Press and hold RANDOM for over 2 seconds to display the FOLDER RANDOM text on the screen and randomly play all songs within the current folder.

Within DVD MP3 Player mode, press RANDOM to randomly play the songs within the current folder.

7.1.4. Track Scan Button

Within USB MP3 Player mode and DVD MP3 Player mode, press the SCAN button to play the first 10 seconds of each song. While music is playing, pressing the SCAN button, songs already played for over 10 seconds will stop and the first 10 seconds of the next song is played. A song within the first 10 seconds is played until 10 seconds then stopped to play the first 10 seconds of the next song.

Press and hold the SCAN button for 2 seconds to display the "FOLDER SCAN" message to scan only the songs within the folder.

7.1.5. LIST button

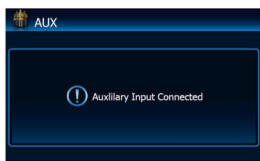
Press the LIST button to display the play list.



NOTE: The play list is not displayed for audio CDs.

NOTE: A USB file names that are over 255 characters will not be displayed on the play list.

7.2. AUX Player



AUX can be played by connecting with the vehicle console box. AUX can be played only when a portable MEDIA PLAYER is connected with the device.

Follow these steps to connect a portable MEDIA PLAYER with the device.

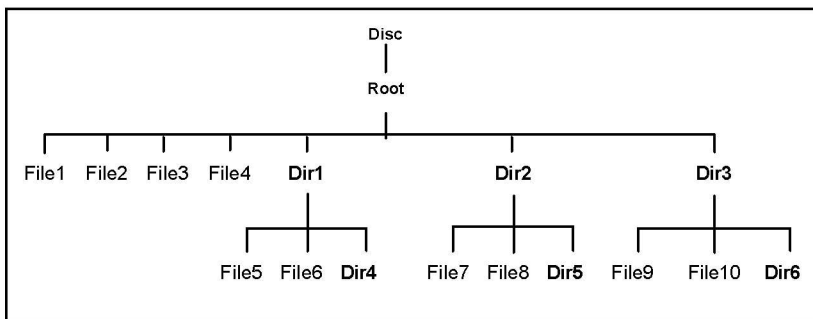
- a. Connect the media player with the CONSOLE BOX socket.
- b. Adjust the connection so that about 3/4 of the MEDIA PLAYER socket is inserted.
- c. Press the Source select button to operate AUX mode.
- d. Volume/Sound setting can be done via the volume knob or SETUP menu.

■ To recognize folder or file within ROOT directory

The files within the ROOT directory are recognized in the following manner.

Files are played according to the file name.

Number → English(uppercase) → English(lowercase)



■ ID3 TAG

In case of USB memory, shows the song information contained in ID3v1.

In case of DVD discs, shows the song information contained in ID3v2.

■ Number of files and folders playable on DVD

Folder depth: 5, Total folder: 200, File in folder : 200, Total file : 3000 (Folder included)

■ DVD Play Media Type and Recommended Specifications

MP3 : Sampling rate 44.1 KHz, Bit rate 96-320 KB/s with VBR

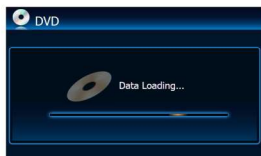
WMA : Bit rate 48-192 KB/s

- When first inserting a disc, the first song to be played is in order of songs within the first folder. If the folder/file is organized within the above structure, play will start from File5, not File1.
- When creating a media disc, do not create a directory but create the file in Root for use.

7.3. DVD Player

Press the Source Select button ③ to select DVD mode. As shown below, the DISC will begin loading.

Even when operating another mode, inserting DVD disc will automatically being DVD mode.

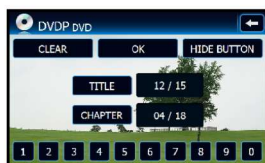


7.3.1. DVD VIDEO



1. VOICE: Set voice language for DVDs created in Multi-language.
2. CAPTION: Set subtitle language for DVDs created in Multi-language.
3. ANGLE: Set angle for DVDs created in Multi-Angle.
4. DVD SETUP: Changes DVD setup.
5. ► / || : Pause/play current file.
6. ◀◀, ▶▶ : Fast-forward/rewind file. (Searches in 8x speed).
7. ◀◀, ▶▶ : Go to next/previous chapter/track.
8. TITLE: Moves to initial menu screen.
9. SEARCH: Use to directly search title/chapter for play.
10. HIDE BUTTON: Hides buttons on the screen and changes to Full Screen.

7.3.2. search title/chapter



Clear: Clears input numbers.

OK: Plays selected title, chapter.

Hide button: Hides buttons on the screen and changes to Full Screen.

1~0 : Input title, chapter number through the number pad. After selecting the desired title/chapter, input the title/chapter position. The title and chapter cannot be inputted simultaneously.

7.3.3. DVD setup



To change the password, press the CHANGE PASSWORD button. The factory default password is "0000."

Parental Level Setting

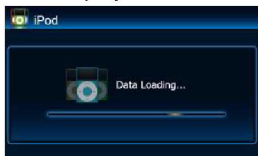
Parental Level Setting is used to limit viewing according to DVD content ratings.

- KID SAFE: Suitable for children
- GENERAL: Suitable for general audiences
- PG: Parental guidance suggested
- PG13: Suitable for children 13 and older
- PGR: Under 13 requires accompanying parent or adult guardian
- RESTRICTED: Under 17 requires accompanying parent or adult guardian
- NC17: No one 17 and under admitted
- ADULT: For mature audiences
- Change Password : As for the password mode, you should enter a password to change the Parental Setup.

iPOD PLAYER

7.4 iPod Player

Press the Media(③) button to select USB/iPod mode. The loading screen shown below will be displayed when an iPod (iPhone) is connected to the USB/iPod hub.



iPod mode will automatically operate when an iPod(iPhone) is connected with the USB Connector.



1. MENU Displays the iPod folder and song list.
2. REPEAT : Press the button to operate functions in order of repeat play -> repeat all -> repeat off.
3. RANDOM : Press the button to operate functions in order of album random -> song random -> random off.

Caution) In the case of iPhone or iPod Touch, songs can be played in iPod play mode and BT Audio Stream mode.

When listening to songs by connecting a iPod cable to the SET (iPod Play mode), iPod songs will not play if the iPhone becomes connected through the Bluetooth feature. In such cases, change the Audio Stream of the iPhone to normally play music.



IPOD PLAYER

When listening to iPhone songs by using Bluetooth Audio mode, songs may not play if the device is also connected to the USB hub via the iPod cable. As described above, change the Audio Stream of the iPhone to normally play music.

※ To charge the iPod/iPhone, the Multi box USB terminal must be connected.

SETUP

8. SETUP

Press the SETUP button ⑩ to operate SETUP mode.



8.1 SOUND Setting

SOUND button is used to adjust sound. Pressing the **SOUND** button will display the following setup screen.



8.1.1. Fader Balance Setting

Fader Balance setting is used to adjust the front/rear/left/right speaker balance. Press the "CENTER" button to move all values back to the center position.

8.1.2. Bass Setting

Sets the bass level. Adjust to the desired level through the left/right cursors next to the BAS setting. The bass level will be shown on the display from "-10" to "+10".

8.1.3. Middle Setting

Sets the Middle level. Adjust to the desired level through the left/right cursors next to the MID setting. The mid level will be shown on the display from "-10" to "+10".

8.1.4. Treble Setting

Sets the Treble level. Adjust to the desired level through the left/right cursors next to the TRE setting. The treble level will be shown on the display from "-10" to "+10".

8.1.5. Auto Volume Setting

Turns On/Off the auto volume control feature which automatically adjusts the volume level according to vehicle speed.

8.1.6. Beep Setting

Press the "BEEP" button to turn on the "beep" sound whenever a button is pressed.

SETUP

8.2. LANGUAGE (Screen where user can select the desired language.)



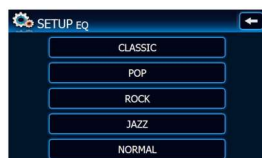
Select the language you wish to use within the device.

This device supports three languages of ENGLISH/ARABIC/PERSIAN/RUSSIAN.

Once a language is selected, the “SYSTEM will restart to change language! Are you sure?” message will be displayed. Press YES to select the language and restart the device. Press NO to cancel. If the map is operating, the map language will also change.

8.3. EQ (Equalizer) Setting

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



Note: Within a state where EQ is set, changing the BASS, MIDDLE, TREBLE values will automatically change the EQ to NORMAL.

8.4 Factory Setting



Changes all values back to the factory default state.

REAR CAMERA

9. Rear View Camera

This device supports rear view camera feature.

When backing up, the review view screen will automatically be displayed on the screen.

English



SPECIFICATIONS

Tuning Range- - - - -	AM: 522~1,620 KHz. 9 KHz. FM: 87.5~108.0 MHz. 100 KHz.
Sensitivity- - - - -	AM : 15 μ V FM : 1.5 μ V
FM Stereo Separation- - - - -	30 dB
CD Frequency Response- - - - -	20 ~ 20,000 Hz
CD S/N Ratio - - - - -	50 dB
CD Channel Separation - - - - -	40 dB
CD Audio Format - - - - -	Red Book (IEC 908)
Logical File Format - - - - -	ISO 9660 (level 1,2 & 3), Joliet
Usable Sampling and Bit Rates - - - - -	MP3: Sampling rate 44.1 KHz, Bit rate 96-320 KB/s with VBR WMA: Bit rate 48-192 KB/s
ID3 Tags - - - - -	ID3v1, ID3v2
AUX Input Sensitivity - - - - -	2V (VOLUME STEP 20) 700 mV @ 10 K Ohm.
Bluetooth - - - - -	Version 2.0
- Output Power - - - - -	+ 4dBm Max
- Profile - - - - -	Advanced Audio Distribution Profile Audio/Video Remote Control Profile Hands-Free Profile Head Set Profile

TROUBLE SHOOTING

	Error	Cause	Solution
General	The power does not switch on.	The fuse is disconnected.	Replace with a suitable fuse. If the fuse is disconnected, please contact your point of sale or service center.
	Power is on but the device is not working.	Excessively cold or hot compared with standard operation environment.	The product only work in 0°C~60°C. Adjust the temperature.
	Button does not work and the screen has an error.	Abnormal microprocessor operation caused by noise or interference.	Reboot the device or turn the ignition off and on.
Disc operation	Disc is not playing or skips.	Disc was inserted wrong side	Insert disc with printed side up.
		Disc is seriously scratched or bent.	Clean the disc.
		Moisture on the disc	Dry the disc.
	Disc can't be inserted.	Another disc is in.	Eject disc and insert new disc.
		Obstacle is in the disc slot.	Remove obstacle and insert new disc.
Screen Display	Cannot see display.	Monitor is turned off.	Press and hold DARK button to disable monitor-off mode.
	The screen is too dark.	Product's temperature is too low.	Re-operate on normal temperature.
Voice Signal	The sound does not work.	Volume is too low.	Increase volume.
		Speaker line is not properly connected.	Check the connection state.
		Mute is on.	Check if Mute button was pressed.

LIMITED WARRANTY

ORIGINAL NAVIGATION HEAD UNIT SUPPLIED BY VEHICLE DEALER

Product :

Product No. :

English

WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop ("Dealer") warrants to you that the Hardware will be free from defects in workmanship and materials under normal use ("Defects") for a period of three (3) years/60,000KM from the date that the Hardware was first installed by DEALER ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced at DEALER's choice ("Limited Warranty") without charge to you for either parts or labor. This Limited Warranty covers the replacement of the head unit including of the Hardware only.

WHAT THIS WARRANTY DOES NOT COVER

2. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone not authorized by DEALER and does not cover repair or replacement of any Hardware or part thereof damaged by: misuse, moisture, liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware. The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

HOW TO MAKE A WARRANTY CLAIM

3. In order to make a claim of a Defect, you must contact DEALER during the Warranty Period via www.motrex.com to explain the Defect and to obtain an RMA number (Return Materials Authorization) if necessary.

You must return the Hardware during the Warranty Period, along with the RMA number provided by DEALER and an explanation of the Defect, to the address provided to you by DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER after the first 3yrs/60,000KM of the Warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware. You must comply with any other return procedures stipulated by DEALER, if any.

DEALER LIMITED WARRANTY

YOUR LEGAL RIGHTS

4. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.
5. This Limited Warranty is the only express warranty made to you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.

LIMITED WARRANTY

6. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware "AS IS AND WITH ALL FAULTS", and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.
7. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.
8. This Limited Warranty cannot be transferred to any other person.

LIMITATION OF LIABILITY

9. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, indirect, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.
10. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.
11. DEALER shall not be liable for
 - (I) any fraud on the part of its employees and/or agents; or
 - (II) any fraudulent misrepresentation on the part of its employees and/or agents.
12. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

■ Technical & Call Center ■

MOTREX ME FZCO

Address : P.O.Box 261856 Jebel Ali, Dubai, UAE

TEL: (+971) 4-886-4069 FAX : (+971) 4-886-4068

jefflee@motrex.co.kr / ahmed@motrex.co.kr

www.motrex.com