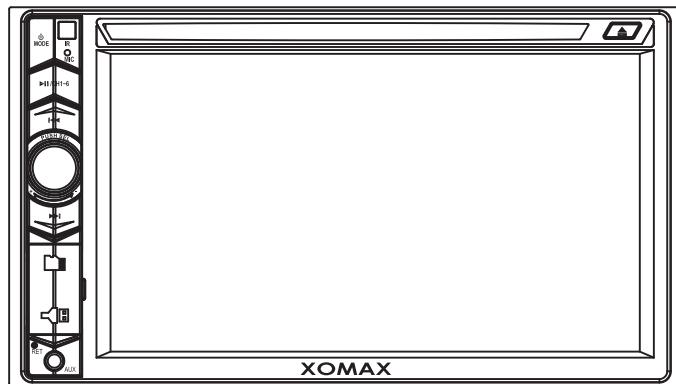


XOMAX

CARBON 684

USER MANUAL



CAR AUDIO/VIDEO SYSTEM

- FLIP DOWN AND DETACHABLE CONTROL PANEL
- 6.2" WIDE COLOR TOUCH SCREEN
- REMOTE CONTROL
- DIGITAL VIDEO DISC PLAYER
- CONTROL PANEL USB PORT AND AUX INPUT
- MEMORY CARD SLOT
- ADVANCED FM/AM TUNER WITH RDS RECEIVER
- BTA2DP & AVRCP COMPATIBLE

**To ensure safety while driving
and to comply with laws,
drivers should not watch video or
operate the video device while driving.**

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Precaution

THANK YOU FOR PURCHASING A SOUNDSTORM MULTIMEDIA PLAYER .

Before operating the unit, read this manual thoroughly and keep it handy for future reference .

To avoid injury or accident , read the following precautions before installing and operating the unit .

ON INSTALLATION

- DO NOT install any receiver in locations where;
 - it may obstruct the steering wheel and gearshift lever operations, as this may result in a traffic accident.
 - it may obstruct the operation of safety devices such as air bags, as this may result in a fatal accident.
 - it may obstruct visibility.
- DO NOT operate any receiver while manipulating the steering wheel, as this may result in a traffic accident.
- The driver must not watch the monitor while driving.
- IF THE DRIVER watches the monitor while driving, it may lead to carelessness and cause an accident.
- IF YOU NEED to operate the receiver while driving, be sure to look ahead carefully or you may be involved in a traffic accident.
- IF THE PARKING BRAKE is not engaged. "ParkingBrake" flashes on the monitor, and no playback picture will be shown.
 - This warning appears only when the parking brake wire is connected to the parking brake system built in the car (refer to the electric connection)

ABOUT THE LIQUID CRYSTAL DISPLAY (LCD) PANEL

Do not press on the LCD panel on the unit as doing so can distort the picture or cause a malfunction . The picture may become unclear , or the LCD panel may be damaged .

NOTES ON CLEANING

- Clean the LCD panel with a slightly damp soft cloth.
- Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray .
- Do not use alcohol to clean the screen .

If your car was parked in a cold or hot place, the picture may not be clear . The monitor is not damaged . The picture will become clear the temperature in your car becomes normal .

Safety Information

CAUTION:

THIS DIGITAL VIDEO PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS DIGITAL VIDEO PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE . HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DIGITAL VIDEO PLAYER CORRECTLY AS INSTRUCTED. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.

THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macro vision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

REGION MANAGEMENT INFORMATION:

This Digital Video Player is designed and manufactured to respond to the Region Management Information that is recorded on a Digital Video disc. If the Region number described on the Digital Video disc does not correspond to the Region number of this Digital Video Player, this Digital Video Player cannot play this disc.

Disc Note

Disc formats supported by this player

Digital Video	Audio and Video Disc size 12 cm
VCD	Audio and Video Disc size 12 cm
CD	Audio Disc size 12 cm
MP3	Audio Disc size 12 cm

Discs which cannot be played with this player

- Digital Video-RAM
- CDV
- CDG

Handling and Cleaning

- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damaging.
- Do not place discs in the following places:
 1. Direct sunlight
 2. Dirty, dusty and damp areas
 3. Near car heaters
 4. On the seats or dashboard

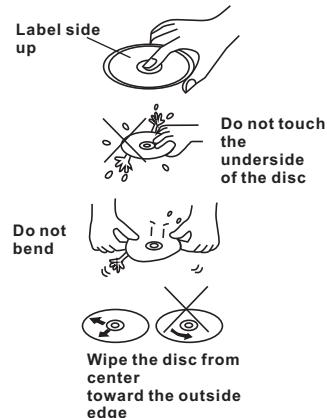
Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistened with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

Note:

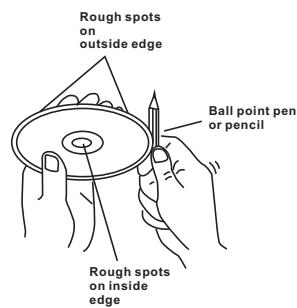
A disc may become somewhat scratched (although not enough to make it

unusable) depending on your handle it and conditions in the usage environment. Note these scratches are not an indication of any problem with the player.



Preparing New Discs with Rough Spots

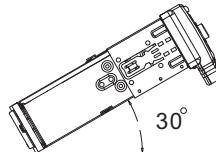
A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



Installation

NOTES:

1. Choose the mounting location where the unit will not interfere with the normal driving function of the driver.
2. Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.
3. Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
4. Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.
5. Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.
6. Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.
7. If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front"(conventional DIN Front-mount) or "Rear"(DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.

Installation

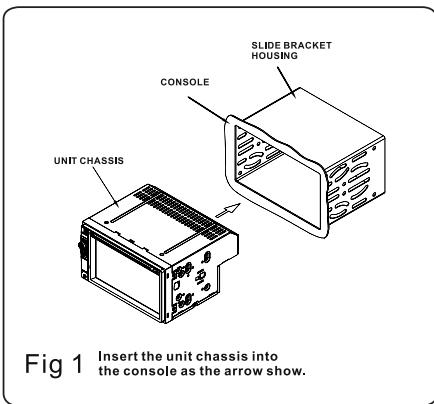


Fig 1 Insert the unit chassis into the console as the arrow show.

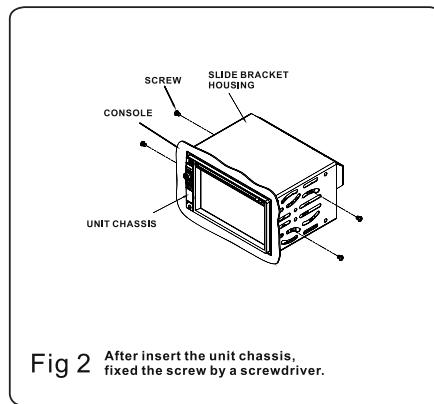


Fig 2 After insert the unit chassis, fixed the screw by a screwdriver.

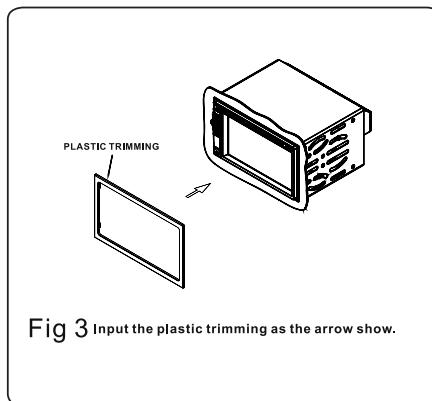


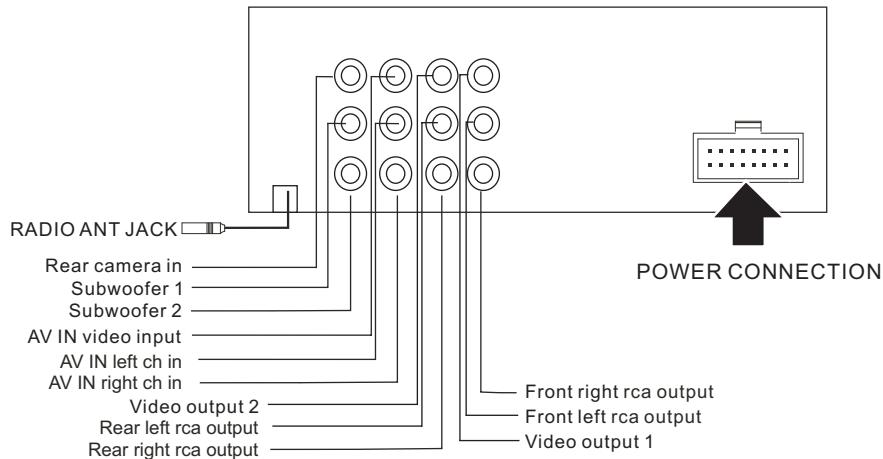
Fig 3 Input the plastic trimming as the arrow show.

NOTE:

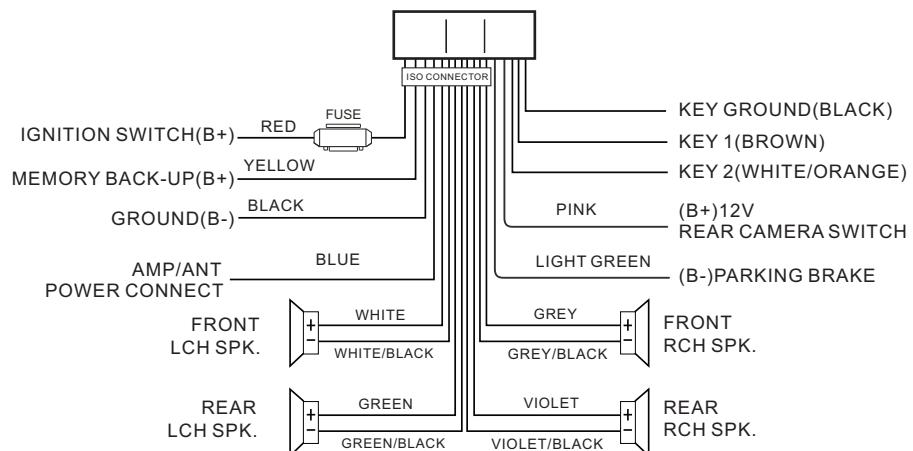
Don't attempt install the set by yourself, it should be installed by professional installer .

Electric Connection

WIRING CONNECTION



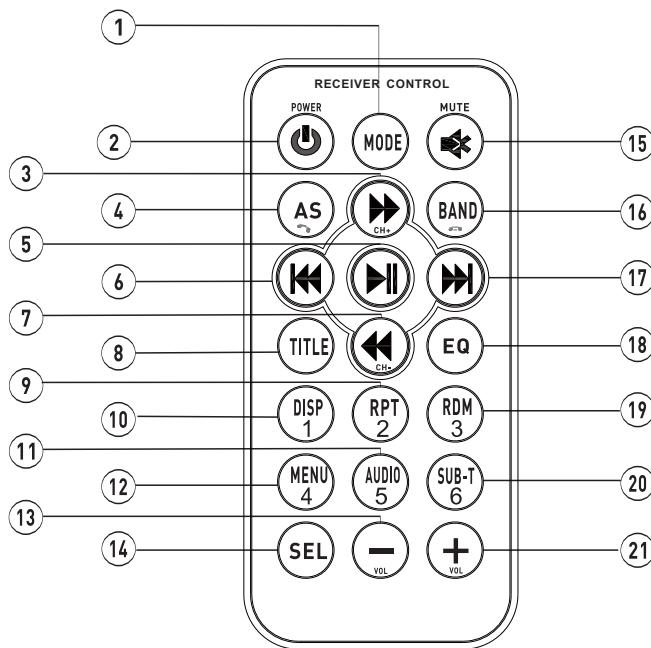
POWER CONNECTION



Note:

the ground connection cable (parking brake B-) must be connected in order for pictures to be played back to the monitor. If the cable has not been correctly connected, warning message appears on the monitor.

Remote Control



Ref #	Button	Function
1	MOD	Press it briefly to select a desired work source .
2	>Main	Press this button to turn the unit ON , press and hold to turn the unit OFF.
3&7	▶/◀	In Disc Playback mode, press for fast forward or back forward playback. In Radio mode, press to scan step by step.
4	AS/↷	AS function see Scan operation. In BT mode, press to receive a call.
5	PLAY/PAUSE	In Disc Playback mode, press to pause playback. Press again to start where playback stopped.
6&17	▶▶/◀◀	Press these buttons to skip ahead or back one track.
8	TITLE	When playing a Digital Video, pressing this button will open the TITLE menu which is recorded on the media. When playing a VCD disc, press this button to create a PBC (Playback Control) menu for the disc to assist in making playback selections.
9	RPT/2	Repeat function for media playing; In radio mode, press to select the store station 2.
10	DISP/1	In video playing mode, press to show OSD menu; In radio mode, press to select the store station 1.

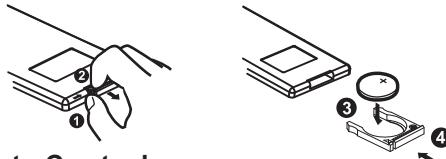
Remote Control

Ref #	Button	Function
11	AUDIO/5	Same operation as audio. In radio mode, press to select the store station 5.
12	MENU/4	Press this button briefly to display the root level directory of a digital video disc. In radio mode, press to select the store station 4.
13&21	VOL+/-	Use these controls to adjust the volume level.
14	SEL	Press the SEL to turn to EQ setting.
15	MUTE	Press this button to turn off the audio. Press again to restore the sound to its prior volume level.
16	BAND/ \curvearrowleft	In Radio mode, press this button repeatedly to switch between the five radio bands: FM1 > FM2 > FM3 > AM1(MW1) > AM2 (MW2) . In BT mode, press to reject a call.
18	EQ	Press repeatedly to cycle through the different equalizer curve presets you may wish to use for enhanced listening.
19	RDM/3	Random function for media playing; In radio mode, press to select the store station 3.
20	SUB-T/6	In Digital Video Disc Playback mode, pressing this button will allow you to change the subtitle language on discs which have this as an option. In radio mode, press to select the store station 6.

Preparing the Remote Control

Inserting the Battery

1. First push to inside as the direction indicated by the arrow (See ①) And then Remove the battery holder as the direction indicated by the arrow (See ②).
2. Replace the battery Set a new battery property with (+)side up as illustrated (See ③).
3. Insert the battery holder. Push in the holder to the original position(See ④).



Using the Remote Control

Face the remote control towards the player front face IR mark (remote control signal receiver).

Operation angle: About ± 30 degree in each the direction of the front of the IR mark.

Note :

The lithium cell in the battery compartment of remote control has been secured for transport with a plastic . Before initial use please remove this plastic so that the remote control is ready for operation .

Basic Operation

Main Menu Operation

In many modes, touch the  icon to enter the main menu, the message like following as below.



1. Display switch

When the unit is power on, to adjust the brightness for the display .

2. Rear View Camera

Switch the rear view camera on at setup model, then tap the icon that the mirror image of the rear view is automatically displayed on the monitor.

(Note: additional monitor can not display the image.)

3. SETUP icon

Touch “” to enter the SETUP mode, tap  for page turning; select  the message will show as:



OSD Language:

Touch to select language as:

ANIMATION

In **RADIO** mode, you can change the playing time of animation among of “OFF, 10S, 30S, 1M, 90S, 2M, 3M and 4M ”.

Buzzer:

Touch to select buzzer on or off.

Camera

Touch to turn camera on or off.

Time

Select  to adjust the time as:



select  the message will show as:



Brightness: -20 to 20

Adjust if the picture is too bright or too dark.

Contrast: -20 to 20

Adjust the contrast of the bright and dark portion.

Hue: -20 to 20

Adjust the HUE for the display.

Saturation: -20 to 20

Adjust the saturation for the display.

Sharpness: 0 to 15

Adjust the sharpness for the display.

Select  the message will show as:



Panel adjust:

Touch the arrow as show to calibration the display.

Basic Operation

Select  the message will show as:



Audio language:

Press to select audio language.

Subtitle language:

Press to select subtitle language.

Menu language:

Press to select menu language.

Aspect ratio:

This is to select the appropriate TV aspect (4:3, letter box or 16:9) according to the connected TV set.

Change password:

First time, input "0000" to enter, then you can adjust the password for rating as your favour.

Rating:

Select to turn Parental Control on or off.

The factory default password is **0000**.
(The password must be used to make changes to the Parental Control menu below.)

Key in password and then turn to rating then to do setting.

Select  the message will show as:



Dual:

Touch to select stereo or mono.

Local:

Touch to select local or distant.

Area:

Touch to select radio area.

RDS:

Touch to turn RDS on or off.

Bluetooth

Select  adjust the time as:



Steering Wheel Control

Press  on home, then select  to turn to steering wheel control, the message will show as:



Tap study to turn to setting as follow:



If want to re-set, just press  button, then can delete the setting.

Please make sure unit connect SWC wire first.

In setting page, long press the steering wheel button, at the same time, choose the icons above that you want to set on to the steering wheel, one steering wheel button match with one icon.

Basic Operation

High High-z means high-impedance. Tap to reduce the magnitude of voltage. This key for avoid that voltage is too high that the car system can not differentiate the input key set for some car.

Low Low-z means low-impedance. Tap to increase the magnitude of voltage. This key for avoid that voltage is too low that the car system can not differentiate the input key set for some car.

Illumination color
Select  the message will show as:



Touch to adjust the RGB level for all buttons and display. Tap auto icon the color change automatically.

Wall paper
Press  to select wallpaper as:



Version about
Press  to show the information for software.

AUDIO SETUP

Touch the  icon to turn to audio quality adjustment.

User To select as : Standard -> Classic
-> Rock -> Pop -> Jass -> Electric.



To adjust audio effect for your car.



Subwoofer:

To turn subwoofer on or off.

Loudness:

To turn loudness on or off.

Loudness Center Frequency:

To select loudness frequency.



To adjust the volume level as: Disc, USB, Card, Radio, AUX and AV mode.



Note: In Video model, press SEL to adjust EQ as the color effect as:
Brightness -> Contrast -> Hue ->
Saturation -> Sharpness.

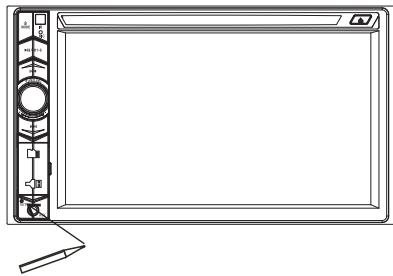
Basic Operation

Reset Factory Settings

RESET button is placed on the housing and must be activated with either a ballpoint pen or thin metal object.

The RESET button is to be activated for the following reasons:

- A. Initial installation of the unit when all wiring is completed.
- B. All the function buttons do not operate.
- C. Error symbol on the display.

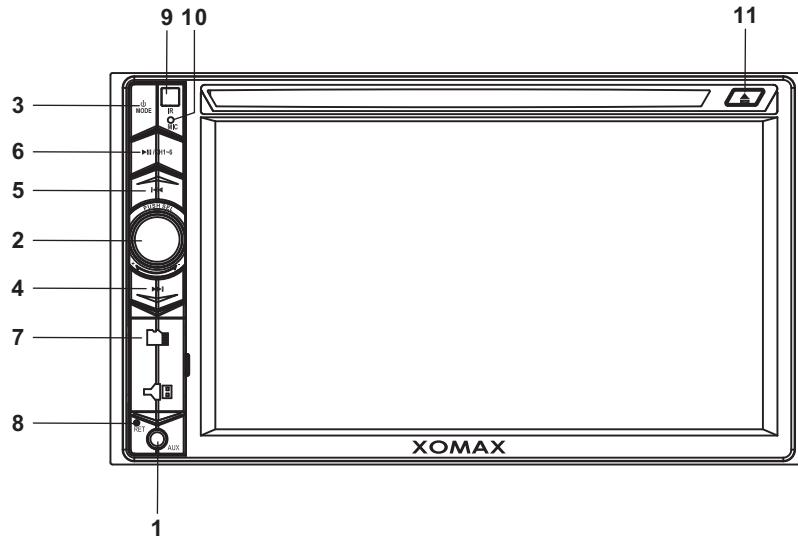


NOTE:

If RESET is selected, all memory data will deleted, please re-adjust .

Control Panel

UNIT KEYS



1. AUXILIARY INPUT JACK

Insert an external device to this AUX jack in order to have audio output of the device through the unit.

2. SEL BUTTON and VOL KNOB

In normal mode, the VOL knob is used to increase or decrease the volume.

Press the SEL to turn to EQ setting.

3. ⚡ /MODE BUTTON

In power off mode, press it to turn on the unit.

In power on mode, short press it repeatedly to select one mode of the RADIO, DISC, USB, CARD, AUX, AV and BT; long press it to turn off the unit.

4/5. >>| and |<< BUTTONS

In radio mode, long pressing |<< or >>| button can automatically search down or up for an available station beginning from the current frequency; Briefly pressing |<< or >>| button can manually search down or up for a your desired station beginning from the current frequency.

In media mode, pressing |<< or >>| button can play the previous or next track; continuously and long pressing |<< or >>| button can fast backwards or forwards.

Control Panel

6. ►|| (PLAY/PAUSE) /CH 1-6 (RADIO PRESET)

A) In Disc Playback Mode

Touch this button to pause playback, touch again to resume playback.

B) In Radio Mode

Touch repeatedly to preset station. With this system a total of 30 stations can be stored in the memory. Each band store up to six preset stations. The stations might be FM1, FM2, FM3, AM1 (MW1) and AM2 (MW2) band.

The operation as below:

-Store in Memory

- > Select the frequency band.
- > Touch repeatedly this range to select the desired memory key.
- > Select the station.
- > Keep the desired memory key touched in until the station is heard again after a brief interruption.

-Retrieve a preset station

Touch repeatedly to retrieve a station which had been stored in the memory in advance the chose number is shown on display.

7. CARD SLOT & USB PORT

Remove the cover for card and USB use.

Connect your phone through the USB cord can be charge.

8. RESET BUTTON

Press this button to return to factory settings.

9. IR sensor

10. MICROPHONE

11. ▲ (EJECT) BUTTON

Insert the disc, label side facing up, until the mechanism senses its presence and draws the disc in. Press it to eject the disc.

Touch Screen Operation

RADIO OPERATION

Listening to Radio

Touch the RADIO ICON in home menu to enter the RADIO mode. In radio mode, tap  icon to adjust the brightness for the display .



Selecting The Frequency Band

Touch the screen of “ **BAND**  ” section repeatedly to select the band , the message will show in turn :

FM1 → FM2 → FM3
↑ ↓
AM2(MW2) ← AM1(MW1)

When an FM stereo broadcast is hard to receive

Press “ **ST/MO**  ” to select the MONO or STEREO mode .

Start Searching For a Station

Manual Search

During Radio mode, briefly touch “  ” to increase frequency by one step of channel spacing.

Briefly touch “  ” to decrease frequency by one step of channel spacing.

Automatic Search

During Radio mode, touch and hold (for more than 2 seconds) either “  /  ” ICONS to start search for a radio station automatically.

To tune in strong-signal FM Station only (LO/DX function)

In radio mode, tap  icon to select LOC/DX mode of Local and Long-distance traffic news.

Storing and Listening to a Memory Station

Setting Memory



With this system, a total of 30 stations can be stored in the memory of six buttons. Each band stores up to six preset stations. The stations might be FM1, FM2, FM3, AM1(MW1), and AM2(MW2) band.

The operation is as below :

- Store in Memory

- >Select the frequency band
- >Select the station
- >Press and the station until it show the frequency band your select.

- Retrieve a preset station

Touch the 1-6 ranges briefly to retrieve a station which had been stored in the memory in advance the chose number is shown on display .

Touch Screen Operation

Automatic Memory Storing & Program Scanning



Automatic Preset Setup

In Radio Mode, touch and keep (for more than 2 ' S) the screen of “  ” range to active automatic station storage.

The radio searches within the current frequency band, e.g. Fm3, for the stronger signal level until the search cycle has finished . The six strongest stations are then allocated to the corresponding storage locations .

Then the station of the first storage location is set .

Scan Function

In Radio mode, briefly touch the “  ” section on the touch screen , the radio briefly plays all the preset stations of the frequency band .

RDS FUNCTION

In home menu, touch the “  ” to enter setup, tap  to turn to radio setting, select RDS on first, then the message show as :



ADJUSTABLE ITEMS:

RDS REGION

Touch to switch the region area as: EUROPE, USA, AMERICAN 1, AMERICAN 2 and OIRT .

REG FUNCTION

at certain times some stations divide up their programs into regional programs with varying content .

REG ON : the message “REG ON” will appears in the display for a few seconds .

Note :

- the display capacity is limited . It is possible that in the double display mode some segments of the display are deleted .
- the function REG ON prevents the radio from switching to alternative frequency which have a different regional program content .

REG OFF : the program identification(PI) of the regional program is ignored during the search for an alternative frequency (AF) or a program identification (PI) .

PI SET

Touch to change between PI MUTE and PI SOUND .

PI MUTE / PI SOUND

(only for radio operation)

If you are in an area where two program identifications (PI) overlap, you can select the option **PI SOUND** and

PI MUTE for playback of the sound.

Alternate switching of the program identification should be avoided .

PI SOUND :

If switching nevertheless occurs the sound of another station is heard for less than one second .

PI MUTE :

the sound of another station is suppressed .

Touch Screen Operation

TA Traffic Announcement (Priority For Traffic Information)

When the TA function is activated, the TA symbol appears in the display . During radio operation in one FM frequency band the search for a traffic announcement station is started automatically (TA SEEK) . If an FM station is being received which transmits the latest traffic announcements from time to time, the TP display lights up.

When the TA function is switched on , the FM traffic automatically interrupt CD operation (the word **TRAFFIC** appears in the display).

The volume level is increased to the minimum value for the transmission of traffic announcements . After the traffic announcements has finished, the program that was previously running is resumed.

Interruption of the TA Function:
If you would like to interrupt the current traffic announcement, touch the TA section on screen briefly . This does switch off the TA mode .

AF FUNCTION (Alternative Frequencies)

In Radio mode, to switch the AF function ON and OFF .

AF is a function that works with the help of RDS (Radio Data System) and can only be used with FM stations. The radio searches in the background for the best frequency reception of the station that has been tuned into .

Touch the AF section on touch screen the AF function is activated. The AF symbol appears in the display .

When the AF function has been switched on, the radio continuously tests the signal strength of the AF frequency . The test interval for each AF frequency depends on the signal strength of the current station and varies from a few minutes in the case of weak signals. Whenever the new AF frequency is stronger than the station that is currently tuned in , the radio switched to this frequency for a short time for a short time and the message "NEW FREQUENCY " is displayed for one or two seconds.

PTY FUNCTION

In Radio mode, touch screen of "PTY" range to select the Program type .

PTY Selection of the program type
besides the stations name, some FM stations also transmit information on the type of program. This information can be displayed by your car radio .

Examples of such types of program are :
SPORT NEWS POP WEATHER

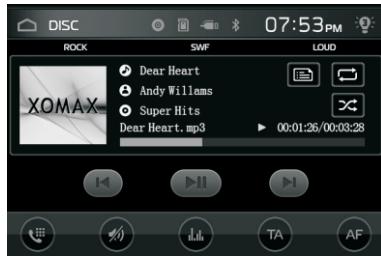
With PTY function you can specifically select stations transmitting a particular type of program. Touch the PTY on screen repeatedly to call up the PTY selection menu. The message "PTY SEEK" then appears briefly in the display . When PTY has been selected the radio start searching for corresponding PTY information and stops when the PTY information has been found, "NO PTY" appears in the display. If the PTY information being searched for no longer exists, the PTY function automatically switches to normal mode .

Touch Screen Operation

Media Operation

Audio Operation

In audio play mode, the message will display as below :



Function icons:

-  Tap to turn to BT PHONE mode. (after pairing and connecting a mobile phone with BT function).
-  Mute function
-  To select the Equalizer mode
-  Turning pre-switching for traffic announcements on and off
-  Switching on and off an Alternative frequency
-  Play/Pause the playing
-  To skip the next track/Fast forward
-  To skip the previous track/Fast backward
-  Repeat Function
-  Random Function
-  Show the file list of mp3

In audio play mode, tap  to adjust the brightness for the display .

Video Operation



Function icons:

-  For page turning.

Skipping Track or Rapid Forward/Rapid Reverse

-  During video playback, Touch the  section on the touch screen to skip to next/back one track;
-  Press and hold  to Fast forward / Fast backward.

Pause (still picture)

-  Touch the “  ” section on touch screen during playback will stop play temporary, touch it again to return the normal playback .



Stopping Play

-  Touch the  button to stop the unit playback. press the  button to start play.

Touch Screen Operation

DISC Search (GOTO)



During video playback, Touch this button then will show a keyboard, input the track you want then press  to confirm.

Repeat Function



Tap the  icon select REPEAT function.

RDM(random) Function



During DISC playback, touch the  icon to play in random. Touch it again to cancel this function.

Title Menu Function



For Digital Video:

If the Digital Video has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.

- During Digital Video playback, press TITLE button on the remote .The title menu is display.
- Select preferred title by the cursor button and confirmed by press the ENTER button .

For VCD:

Press TITLE/PBC button on the remote control while the disc is playing, you can switch between "PBC ON"and "PBC off" mode.



Multi-Angle Function (for Digital Video Only)



During Digital Video playback, touch  icon on the touch screen. Each time the button is pressed , the number of the angel changes in sequential order .

Notes:

- The angle number is different according to the disc.
- The function only work for disc having scenes recorded at different angles.
- When no different angle are recorded, "INVALID KEY" will be displayed at screen left top corner.

Multi-Audio Language Function



For Digital Video:

During Digital Video playback , touch  icon will open the TITLE menu which is recorded on the media

Each time the button is touch , number of the audio soundtrack language changes on sequential order.

Notes:

- The language number is different according to the disc.
- Some disc only contain one language soundtrack
- When no different language soundtrack are recorded "INVALID KEY" will be display at screen left top corner.

Multi-subtitle Language Function (for Digital Video Only)



For Digital Video:

During Digital Video playback , touch  icon will allow you to change the subtitle language on discs which have this as an option.

Each time the button is touch, number of the subtitle language changes in sequential order.

Touch Screen Operation

Notes:

- The language number is different according to the disc.
- Some discs only contain one subtitle language.
- When no different subtitle language are recorded, “INVALID KEY” will be displayed at screen left top corner.



Playback Control Function (for Video Compact Disc only)



When playing a VCD disc, press this button to create a PBC (Playback Control) menu for the disc to assist in making playback selections.

Multi-Audio Channel Function (for Video Compact Disc only)



When playing a VCD disc, tap this icon repeatedly to select audio channel as:
Auto L -> AUTO R -> MOMO L -> MOMO R -> STEREO



EQ Function



Tap to turn to EQ setting as:
Brightness -> Contrast -> Hue ->
Saturation -> Sharpness.

More Icons Operation



Zoom Function



In photo playing, tap this icon repeatedly to zoom the photo.

Playing angle Function



In photo playing, tap to change the photo play direction.

Touch Screen Operation

BT Operation

1. Pairing and Connecting

Prior to using the BT device named XOMAX as a hands-free system for a BT-enabled mobile phone for the first time, you must pair and connect them as follows:

Press the BT hands-free icon to turn to BT mode as right:



- * During the use of the BT device named "XOMAX" as a hands-free system for a BT- enabled mobile phone; Switch on the BT mode of your mobile phone; then select the item to find a BT device and enter it; When it finds the BT device of the car A/V system, the name XOMAX will be displayed, select it and input password"0000" it will pair and connect with the BT device XOMAX of the car A/V system, then the frame of the BT logo will light all the time.
- * When finishing pairing and connecting, the audio of the mobile phone transfers to the car audio system whenever a call is made or received or the mobile phone plays music.

2. BT PHONE

In power off mode, a incoming call or call out to wake up this unit and turn to BT hands-free mode, when the phone call ended the unit back to power off mode.

1) Make a call

(1) Dial with mobile phone directly;

(2)Dial with BT Phone on touch screen;

- a. Touch the BT PHONE icon in home menu or touch the icon during playing to turn to BT PHONE interface, the icons function as follows:



: Tap to turn to dial interface.

: Tap to check the incoming call.

: Tap to check the outgoing call.

: Tap to check the missed call.

: Tap to turn to the contacts.

: During talk, tap to change the sound from the phone to the unit.

: Press two time tap pairing name for disconnect phone and press more than 5second to pairing name then pairing list will disappear.

Touch Screen Operation

Tap  icon such as  to show as follow:



Tap  to download the contacts from your phone.

Use the keyboard to search the phone.  to cancel your input.

- b. Use the number icons or buttons to input your desired phone number;
 - * When inputting a wrong digit, use  icon or < button to delete it.
- c. After finishing inputting, touch  icon or press  button on control panel to dial out.
- 2) Redial last dialed phone number
Touch  icon or long press redial button on remote control to dial out the last dialed phone number.
- 3) Answer a call
During an incoming call, the incoming telephone number displays in the the BT PHONE interface. If you want to receive it, touch  icon or press  button on remote control; if you want to reject it, touch  icon or press  button on remote control.
- 4) Ending a call
When ending a call, touch  icon or use  button.
- 5) Switch the audio between the unit and your device
During phone talking using the BT hands-free system of the car A/V system, touch  icon to switch the audio between the unit and your device.
- 6) Adjusting the volume during a call
During phone talking, use VOL knob to adjust volume level; use the MUTE button to mute sound.
 - * * / # icons and buttons
they perform as * / # buttons on mobile phone.

Smart phone APP control(For Android Only)

Download APP from link "http://xomax.de/phocadownload/software-updates/XOMAX_BT.apk" or QR code as right can scan QR on rating label also.
Connect your phone to the car audio as BT function, then tap the APP icon
And turn on it, press "connect" at the top right corner, show a pass interface.
Connect to "XOMAX" when first operation, then you can control the car audio by phone.



Touch Screen Operation

3. BT MUSIC

1) Touch BT MUSIC in home menu or pressing MODE button can pop up BT MUSIC interface as follows:



-  Mute function
-  To select the Equalizer mode
-  Turning pre-switching for traffic announcements on and off
-  Switching on and off an Alternative frequency
-  Play/Pause the playing
-  To skip the next track
-  To skip the previous track
-  Tap to turn to BT PHONE mode.
(After pairing and connecting a phone with BT function).

In BT music mode, tap  to adjust the brightness for the display .

2) When using your mobile phone with the BT function to play audio, if it is paired and connected to the unit, the audio of the mobile phone will change into the car A/V system.

The BT device of the car A/V system support A2DP, which enables the user to stream audio from their device.

3) The BT device of the car A/V system supports AVRCP, so these icons on the BT Music interface except BT Music and their corresponding buttons on control panel or on remote control are available for audio playback of your mobile phone during playback. But no fast forward/backward functions for  /  icon, and the function of resume playback after pausing or stopping is available only for some mobile phone.

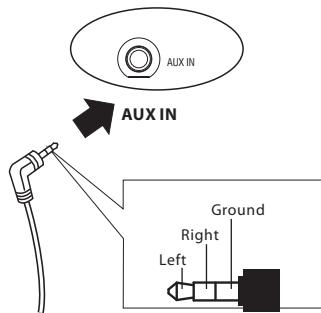
Touch Screen Operation

AUX Operation

On the front panel of this unit, there is an AUX IN jack, follow the diagram below to connect analogue replay devices(only for the Audio connect, if you want to connect the Video, please plug the <Video input> on the back of the unit.). Use this jack to replay sound of other replay equipment such as Digital Video players, computers, etc. Via the loudspeakers.

1). Please connect the external device with stereo jack (3.5mm) plug the Aux in socket .

AUX IN JACK FRONT PANEL



2). In radio mode, touch the screen of “  ” ICON to enter the main menu, touch the “AUX” ICON to enter the AUX IN mode.

In AUX mode, tap  to adjust the brightness for the display .



3). You now hear the sound from the external device played back through the loudspeakers .

The function of the icons as follow:

 Mute function

 To select the Equalizer mode

 Turning pre-switching for traffic announcements on and off

 Switching on and off an Alternative frequency

 Tap to turn to BT PHONE mode.
(After pairing and connecting a phone with BT function).



Touch Screen Operation

AV Operation

Please plug the <Video input> on the back of the unit .

Touch the AV IN icon to enter the AV IN mode.

In AV mode, tap  to adjust the brightness for the display .



 Mute function

 To select the Equalizer mode

 Turning pre-switching for traffic announcements on and off

 Switching on and off an Alternative frequency

 Tap to turn to BT PHONE mode.
(After pairing and connecting a phone with BT function).



Now you can watch the video from your External video equipment such as Digital Video players, computers, etc.

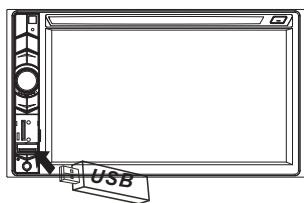
The function of the icons as follow:

Touch Screen Operation

USB OPERATION

Following the diagram below, connect your USB device to the front panel USB port . If it is properly connected, the device will be mounted and start playing automatically.

First, remove the cover.



- 1 Audio play mode select,
- 2 Picture play mode select,
- 3 Movie play mode select,
- 4 Sort the USB list.

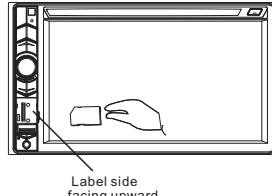
Card OPERATION

The unit can support playback MP3/WMA /JPEG/MP4 format which are stored on SD memory cards .

First, remove the cover.

Please read the following instructions before you start using a memory card .

Inserting the card as follow:



Insert a card, push in till heard a "CLICK".



- 1 Audio play mode select,
- 2 Picture play mode select,
- 3 Movie play mode select,
- 4 Sort the SD list.

Parental Control

* **Parental Control**

Q: After inserting a Digital Video disc into the disc slot, if a dialogue box pops up and asks you to input a password, what should you do ?

A: The playing disc is locked by a rating level of parental control. If the current rating level of parental control of the Digital Video player is lower than the one of current disc, you must input the correct password of parental control to unlock the parental control and enter a rating level equal to or higher than one of the current disc in order to play the disc.

* For factory preset password of parental control of Digital Video player, please see the part of Media Setup Menu.

Appendix: Parental Control

Parental Control function of a Digital Video player can control playback of movie ratings on a disc. You can set the Digital Video player to be a certain rating level of parental control using the Media Setup Menu. If the rating level of parental control of a disc is higher than the one of the Digital Video player, the Digital Video player cannot play the disc.

The Digital Video movie can be designed so that the Digital Video player can play different versions of content of a particular movie according to the different rating levels of parental control. Depending on the Digital Video features, the scenes that are not suitable for children will be cleared or replaced by suitable scenes automatically.

The rating levels of Parental Control are as follows:

	Unlock
1	Kid Safe
2	G
3	PG
4	PG 13
5	PG R
6	R
7	NC 17
8	Adult

Region Code

* **Region Code**

If you insert a disc into the disc slot and REGION ERROR is displayed, the car multi-media system can not play the disc. The reason is that the region codes of the car multi-media system and the used disc do not match each other.

Appendix: Region code of Digital Video

Motion Picture Association of America (MPAA) divided the world into 6 regions, and gave every region a region code for locking and unlocking Digital Video playback.

Basically, a coded Digital Video player can play only the discs if its region code is the same as the code of the Digital Video player. Otherwise, it cannot play the disc.

Please note that only the Digital Video discs and Digital Video players produced by the 8 biggest film-making companies of America impose this restriction. The Digital Video discs and Digital Video players not produced by the 8 biggest film-making companies of America are not restricted by the rule of region code. Generally, they are called Free Region Code or Full Region Code.

The problems caused by area code inconsistency has motivated the production of unlocked version Digital Video players and recordable Digital Video players .

Region codes and the countries or areas represented by region codes are as follows:

Region 1: America, Canada, East-Pacific Inlands;
Region 2: Japan, West Europe, North Europe, Egypt, South Africa, Middle East;
Region 3: South-east Asian countries include Taiwan, Hong Kong, South Korea, Thailand, Indonesia, etc.;
Region 4: Australia, New Zealand, Central South America, South Pacific Inlands;
Region 5: Russia, Mongolia, Indian Peninsula, Middle Asia, East Europe, North Korea, North Africa, North-west Asia etc.;
Region 6: China mainland.

The 8 biggest film-making companies of America are as follows:

1. WarnerBros;
2. Columbia;
3. 20thCenturyFOX;
4. Paramount;
5. Universal;
6. UA(UnitedArtist);
7. MGM(MetroDogwynMayer);
8. WaltDisney

Specification

Specification

General

Power Supply Requirement.....	DC 12V
Current consumption.....	10A MAX.
Maximum Power Output.....	4 x 25W

Audio

Signal Output.....	2ch&4ch line out
Frequency Response.....	20 Hz - 20 KHz
S/N Ratio.....	90 dB (JIS)
Wow and Flutter.....	Below measurable limits

TFT Monitor

Monitor Screen Size.....	6.2 Inch Wide
Color System.....	NTSC/PAL

Disc/USB/Card

Compatible Format....Digital Video/MPEG4/VCD/IMAGE/MP3/WMA/CD

Radio

FM

Frequency range.....	EUR (87.5 MHz - 108 Mhz) USA (87.5 MHz - 107.9MHz) American 1 (87.5 MHz - 108MHz) American 2 (87.5 MHz - 108MHz) OIRT(88.1 MHz - 107.9MHz)
Usable sensitivity.....	15dBu
I.F Frequency.....	10.7 MHz

AM(MW)

Frequency.....	EUR (522 KHz - 1620 KHz) USA (530 KHz - 1710 KHz) American 1(530 KHz - 1710 KHz) American 2(520 KHz - 1600 KHz) OITR (531 KHz - 1602 KHz)
Usable sensitivity.....	40dBu
I.F Frequency.....	450 KHz

BT:

BT specification.....	V1.2 Class 2
BT Supported Profiles.....	HSP, HFP and A2DP & AVRCP profiles
Range of frequency.....	2.4GHz Spectrum

NOTE:

Specification and design are subject to modification, without notice,
due to improvements in technology.

Troubleshooting

Before going through the check list, check wiring connection. If any of the problems persist after check list has been made, consult your nearest service dealer.

SYMPTOM	CAUSE	SOLUTION
No power	The car ignition switch is not on	If the power supply is properly connected to the car accessory terminal, switch the ignition key to "ACC"
	The fuse is blown	Replace the fuse
Disc can not be loaded or ejected	Presence of disc inside the player.	Remove the disc in the player, then put a new one
	Inserting the disc in reverse direction	Insert the compact disc with the label facing upward
	The disc is extremely dirty or defective	Clean the disc or try to play a new one
	Temperature inside the car is too high	Cool off or until the ambient temperature return to normal
Video/image appears black-white	The color system is set incorrectly	Please switch to correct color system from menu
No video/image appears	The unit is not connected to the parking brake detection switch	Make proper connection according to "wire connection"
	The parking brake is not engaged	For safety reasons no video/images are displayed while the vehicle is moving. Engaging the parking brake will cause images to be displayed.
No color in picture	The disc format is not according to the TV-set used (PAL/NTSC)	Please choose a proper color system.
JPEG disc can not be played back	No JPEG files are recorded on the disc.	Change the disc
	JPEG files are not recorded in a compliant format	Change the disc Record JPEG files using a compliant application
Unit has become unresponsive	Unit has frozen up	Press the RESET button. Front panel is not properly fixed into its place
The radio does not work	The antenna cable is not connected	Insert the antenna cable firmly
	The signals are too weak	Select a station manually

Made in China

FCC 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.