

# XO VISION

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## X358

MULTI-MEDIA PLAYER WITH MOTORIZED FLIP UP DIGITAL TOUCH  
PANEL DISPLAY, BLUETOOTH, RADIO RECEIVED

## SIMPLE TROUBLE SHOOTING

### **PROBLEMS, CAUSES & SOLUTIONS**

#### **No power**

- Check and make sure the connecting wires are connected correctly
- Check whether the fuse is blown. Replace with the proper value fuse if necessary.

#### **No sound**

- Check and make sure the speaker wires are connected correctly.

#### **No picture**

- Check whether the video wire is connected to the video device.

#### **Unit hang-up**

- Press the RESET button to reset the unit to its default stage.

#### **No function when pressing the buttons or TFT screen**

- Press the RESET button to reset the unit to its default stage.

#### **Poor effect or unable to receive radio / TV**

- Check whether the radio / TV antenna is inserted or properly connected.
- Antenna may not be the proper length. Make sure the antenna is fully extended.
- Antenna may be poorly grounded. Check and make sure the antenna is properly grounded.

#### **Stereo cannot be received under radio mode**

- Tune the radio frequency accurately.
- The broadcasting signal is too weak, set the mode to MONO.

#### **Disc inserted but cannot play**

- Check whether the disc inserted upside down.
- Check whether the disc is dirty or badly cracked.
- Lens is dirty. Clean lens by using the lens clean disc.

#### **Picture without colour or no sound under disc / TV mode**

- Improper setting of colour system. Set again to "PAL", "SECAM" or "NTSC".
- The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace a new disc.

#### **Abnormal moving, skipping or sound during playback**

- The disc is dirty or damaged. Wipe the disc with a dry soft cloth or replace a new disc.

#### **Remote handset does not work**

- Replace new battery of the remote handset.
- Point the remote handset directly at the remote sensor of the main unit.
- Clean the surface of the remote sensor.

#### **Bluetooth not operated**

- check the devices are linked up correctly.

#### **GPS not operated**

- check micro SD card for GPS has been inserted.
- check GPS antenna connected properly.

#### **Note**

After the above efforts, if the unit still cannot be worked normally, consult your service dealer. Never attempt to disassemble the unit by yourself. No service part inside the unit.

## IMPORTANT NOTICE & PRECAUTIONS

Thank you for using our company multi-media player! To operate the unit correctly, please read the operation manual carefully before using. Keep this operation manual for further reference.

The unit is designed only for DC 12V negative ground operation system. Make sure your vehicle is connected to DC 12V negative ground operation system. Be sure to connect the speaker(-) leads to the speaker(-) terminal. Never connect the left and right channel speaker wires together or to the vehicle body.

The normal temperature for operation is between -20 and +60 degree Celsius. Do not work in extreme high or low temperature and lock vents or radiator panels of the unit, blocking them will cause heat to build up inside the unit and may cause damage or fire.

This unit can play the following discs (12 cm) and media files: DVD±R/RW / MPEG 4 / DivX / AVI / SVCD / VCD / MP3 / WMA / CD-R/RW / JPEG.

This operation manual probably shows the full version of this unit. GPS navigation system; dynamic multi-colour illumination; iPod connection, digital TV tuner; analog TV tuner; Bluetooth, AM radio band and RDS (Radio Data System) are the optional features of the software and may not be included. Referred to the exact functions & features that equipped with this unit for operation.

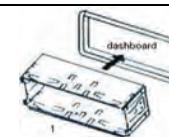
## INSTALLATION

Accessories included in the package for installation



#### **Mounting Method**

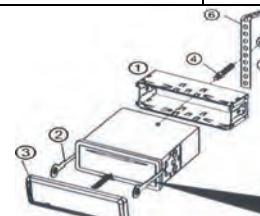
Put the mounting sleeve into the dashboard.



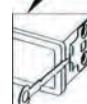
Band the tabs of the mounting sleeve (1) outward into the dashboard for a secure mounting.



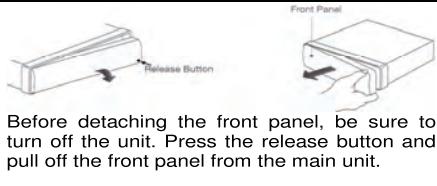
If necessary, use the strap (6) to secure the back of the unit in place. The strap (6) can be bent by hand to the desired angle.



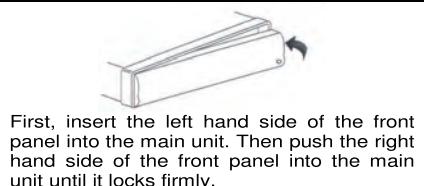
To remove the unit, insert the release keys (2) on both sides of the unit and then pull the unit out from the dashboard.



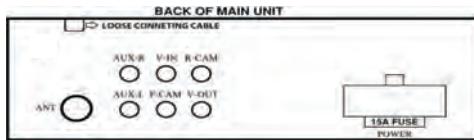
### To Detach the Front Panel



### To Replace the Front Panel



### WIRING CONNECTION



#### Remarks:

This drawing shows the full version of the unit and may not be available for connection on some versions. Refer to the exact functions and features of the unit for proper connection.

Due to the law of some countries, video playback is not allowed during driving. To allow video playback during driving, the brown wire (brake) should be connected to ground (B-) of the car battery.

Portion	Colour	Connection
Connecting Socket	POWER	Red Ignition switch (B+) with 1A fuse
	Black (Coarse) (Fine)	Ground (B-) Steering wheel control (Ground)
	Yellow	Memory back up (B+)
	White White / Black	Front left speaker (+) Front left speaker (-)
	Grey Grey / Black	Front right speaker (+) Front right speaker (-)
	Green Green / Black	Rear left speaker (+) Rear left speaker (-)
	Purple Purple / Black	Rear right speaker (+) Rear right speaker (-)
	Blue	Auto antenna (B+)
	Pink	Back sight (B+)
	Pink / Black	Front camera (B+)
	Grey	Steering wheel control (1)
	Green	Steering wheel control (2)
	Orange	Illuminate backlight (B+)
	Brown	Brake (B-)
	Red RCA Jack	Auxiliary right speaker output
	White RCA Jack	Auxiliary left speaker output
	ANT	Radio antenna
Audio input jack	AUX-R	Auxiliary right speaker input
	AUX-L	Auxiliary left speaker input
Video output jack	V-OUT	Yellow Video output
	F-CAM	Yellow Front sight camera input
Video input jack	R-CAM	Yellow Back sight camera input
	V-IN	Yellow Video input
Loose Connecting Cable		TV antenna input socket (for version with TV tuner) iPod input socket (for version with iPod connection) USB slot (for version with backside USB connection)

### SPECIFICATION

#### GENERAL

Power Requirement:  
Load Impedance:  
Maximum Power Output:

DC 12 Volts, negative ground  
4 Ohms  
40 watts x 4 channels

#### RADIO SECTION

Frequency Range:	AM Section	FM Section
Area:	Frequency:	Frequency:
Europe	522 – 1620 KHz	9 KHz 87.5 – 108 MHz
Russia	522 – 1620 KHz	9 KHz 65 – 74 MHz (FM1)
		87.5 – 108 MHz (FM2/FM3)
Australia	522 – 1710 KHz	9 KHz 87.5 – 108 MHz
Middle East	522 – 1620 KHz	9 KHz 87.5 – 108 MHz
America 1	530 – 1620 KHz	10 KHz 87.5 – 108 MHz
America 2	530 – 1620 KHz	10 KHz 87.5 – 107.9 MHz
America 3	530 – 1710 KHz	10 KHz 87.5 – 107.9 MHz
America 4	530 – 1710 KHz	10 KHz 87.5 – 108 MHz
Japan	522 – 1629 KHz	9 KHz 76 – 90 MHz (FM1)
		87.5 – 108 MHz (FM2/FM3)
Brazil	520 – 1710 KHz	10 KHz 87.5 – 108 MHz
China	522 – 1620 KHz	9 KHz 87.5 – 108 MHz
	450 KHz	10.7 MHz
IF:		

#### DISC SECTION

Disc Play:  
Mounting Angle:

DVD / VCD / MP3 / CD  
+/- 30°

#### VIDEO

Video  
Video Output Level:  
Horizontal Resolution:

PAL / SECAM / NTSC  
1.0Vp-p 75 Ohms  
500

#### BLUETOOTH SECTION

Communication type:  
Maximum Distance:

V2.0  
5 meters

#### AUDIO SECTION

Maximum Output Level:  
Frequency Response:  
Signal to Noise Ratio:  
Channel Separation:

2 Vrms (+/-3 dB)  
20 Hz to 20 KHz  
85 dB  
80 dB

Note: Specification and design; functions and features; unit illumination; colour and display segment are subject to change without prior notice. Photos and drawings on gift box or operation manual might be varied from the exact unit. Depends on the input devices, operation might be varied from the operation manual described.

## ON SCREEN – AUXILIARY INPUT OPERATION

At **MAIN MENU**, touch "AUX IN" icon on screen to shift screen to **AUXILIARY INPUT MENU** for auxiliary input operation.

During auxiliary input operation, touch any portion of screen to activate **AUXILIARY INPUT MENU** for various operation modes.



### AUDIO & VIDEO SETUP

Touch to activate the AUDIO & VIDEO SETTING INTERFACE for audio & video adjustment. (Refer to ON SCREEN – AUDIO & VIDEO SETUP for operation details)

### SOUND MUTING

Touch to cut down the sound output. At sound muting mode, touch to release the mode and recover to the previous sound output level.

### SCREEN DISPLAY

Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it on again.

### BT

Touch to shift screen to Bluetooth operation (when mobile phone connected).

### MAIN MENU

Touch to shift screen to **MAIN MENU** for other operation mode.

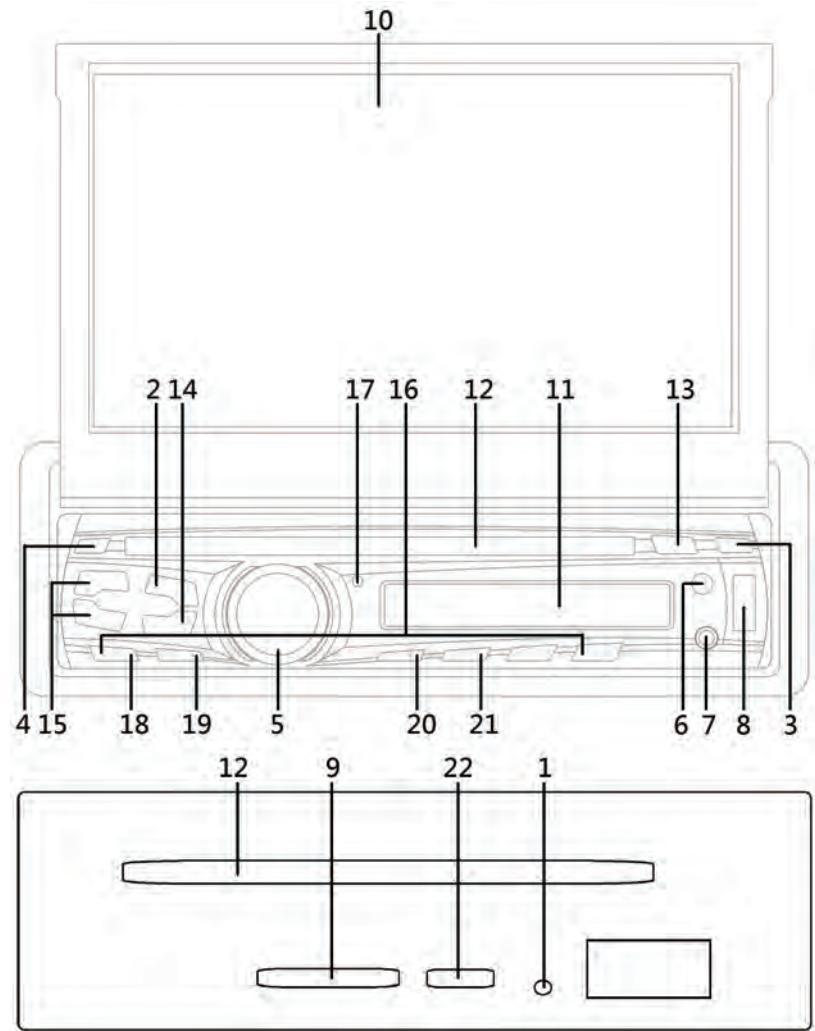
## FCC Warning Statement

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

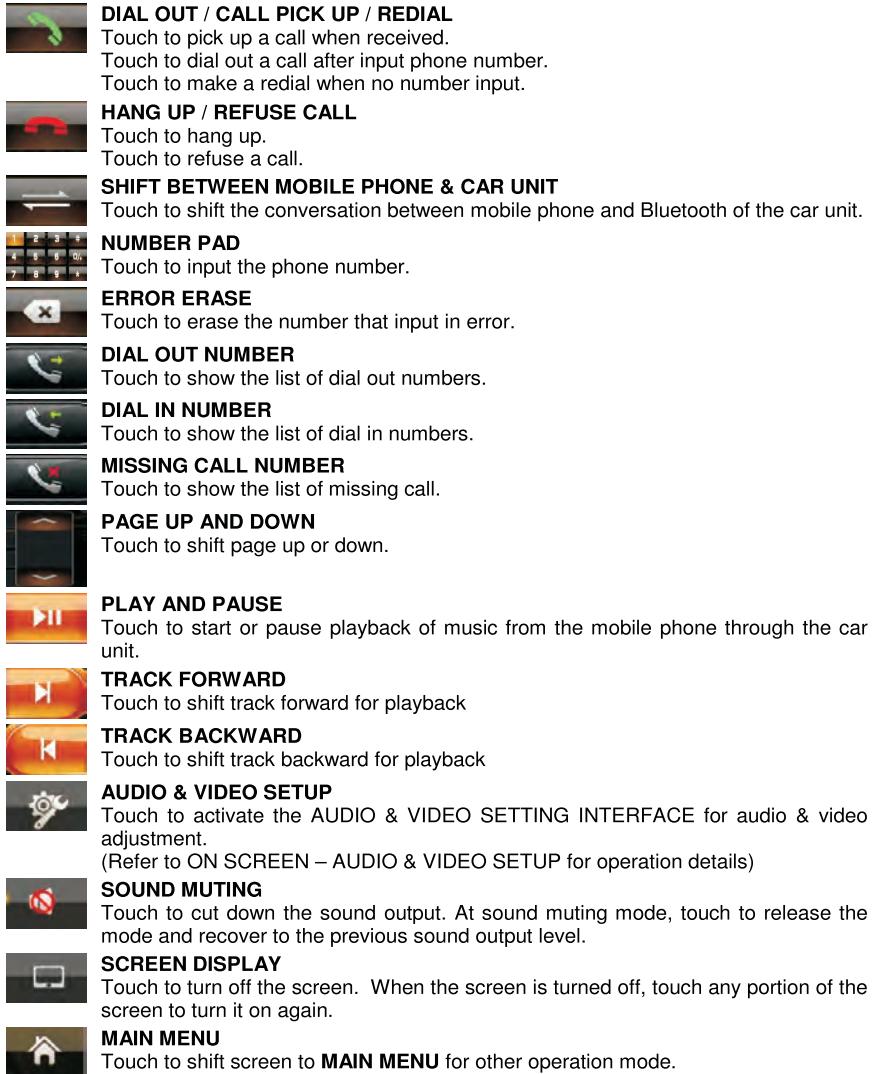
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio 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.

## MAIN UNIT OPERATION



No / Symbol / Function	Operations & Controls
1. RES (RESET)	Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
2.  (ON/OFF)	<b>Power On/Off</b> When the unit is turned off, press to turn on the unit. When the unit is turned on, press & hold shortly to turn off the unit.
SRC	<b>Mode Selection</b> During unit operation, press repeatedly to select the desired mode for operation.
	<b>Bluetooth Mode</b> Press to dial out a call after input the phone number. Press to pick up an incoming call.
3. 	Press to detach the front panel from the main unit for inserting SD card and micro SD card (for GPS navigation). The detachable front panel is also for anti-theft security purpose.
4. OPEN / ▲ / ▼	When the TFT screen is stored in its compartment, press to pop up the TFT screen. When the TFT screen has been pop up, press repeatedly to adjust the angle for viewing. When the TFT screen has been pop up, press & hold shortly to store back the TFT screen to its compartment.
5. - VOL +	<b>Volume Control</b> Rotate to adjust the sound output level.
SEL	<b>Function Selector</b> During unit operation, press repeatedly to move to the following audio & visual control modes: ~ VOL (volume control) At VOL control mode, rotate SEL to adjust sound output level ~ DSP (bass & treble control) At DSP control mode, rotate SEL and press ►►  /  ◀◀ to adjust output on bass and treble ~ SOUND (balance & fader control) At SOUND control mode, rotate SEL and press ►►  /  ◀◀ to adjust balance between left & right speakers as well as output level of front & rear speakers ~ DISPLAY (brightness, chroma, contrast & sharpness control) At DISPLAY control mode, press ►►  /  ◀◀ to shift control through BRIGHT, CHROMA, CONTRAST & SHARP. When the desired mode reaches, rotate SEL to adjust the setting. (Note: DISPLAY control not available under radio & Bluetooth operation mode)
6. IR	Remote control sensor (for signal reception from remote handset).



## ON SCREEN – BLUETOOTH OPERATION

At **MAIN MENU**, touch “BLUETOOTH” icon on screen to shift screen to **BLUETOOTH MENU** for Bluetooth operation.



### LINK UP WITH MOBILE PHONE

To linkup the Bluetooth connection with the mobile phone, take your phone and follow the steps:

- set the mobile phone to Bluetooth state
- start to search new device
- after searched, new device “CAR KIT”, “CAR BT” or similar device searched out
- confirm the search at the mobile phone
- in case of need, input default code “0000” or “8888” in the mobile phone
- at the same time, “CONNECT” will also be shown on the screen
- connection succeeded and you can start using Bluetooth function

### CONNECT / DISCONNECT WITH MOBILE PHONE

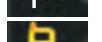
When Bluetooth is on the “CONNECT” status (linking with mobile phone), once a call is received or dial out, the unit will respond automatically and switched to Bluetooth operation. The unit will resume to its original mode when the phone hanged-up.



Touch to shift screen to **BT – HISTORY MENU**.



Touch to shift screen to **BT – MUSIC MENU**.



Touch to shift screen to **BLUETOOTH MENU**.



No function.

### BT – HISTORY MENU



### BT – MUSIC MENU



### 7. AUX IN

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

### 8. USB

Insert USB device to this slot for digital files playback. (Note: The USB slot is intended for data transfer only)

Remark: When USB devices had been inserted both in the front & back USB slots, playback will only be made at the front USB device (available for unit with back side USB slot)

### 9. SD /

Insert SD/MMC card to this port for digital files playback.

### 10. TFT Screen

It shows the operation status of the unit. This screen is also a touch display – soft touch the screen for different operations of unit (for details, refer to other parts of this operation manual).

### 11. LCD Display

It shows the operation status of the unit.

### 12. DISC SLOT

Insert or remove disc from this disc slot.

### 13. ▲

Press to eject disc from the disc slot (when a disc has been inserted).

### 14. BND

#### Radio Mode

During unit operation, press to shift current operating mode to radio mode for operation.



At radio mode, press repeatedly to select the desired radio band for broadcasting.

#### Bluetooth Mode

Press to hang-up or refuse an incoming call.

### 15. ►| / |◀

#### Radio Mode – Manual Tune

Press repeatedly to fine tune the radio frequency upward or downward.

#### Radio Mode – Auto Seek

Press & hold shortly to tune the radio frequency to upward or downward station for broadcasting.

#### Disc / USB / SD / iPod Input Mode – Select Tracks

Press repeatedly to shift track upward or downward for playback.

#### Disc / USB / SD / iPod Input Mode – Fast Forward / Fast Rewind

Each time press & hold shortly to activate various fast forward or fast rewind speeds for playback. (Note: At iPod input playback mode, fast forward or fast rewind mode just in one step only)

#### TV Mode – Channel Selection

Press to choose TV channel upward or downward for broadcasting.

#### TV Mode – Auto Seek

Press and hold shortly to tune the TV frequency upward or downward and stop for broadcasting when a TV channel received.

#### BLUETOOTH Mode – Select Tracks

Press repeatedly to shift track upward or downward for music playback transmitted from mobile phone.

16. 1 – 6 At radio mode, press any one of the number keys 1 – 6 to select a station which had been stored in the memory. Press the desired number key for several seconds, the current station broadcasting will be stored into this number key.
17. MIC For voice reception under Bluetooth operation.
18. ►|| At playback mode, press to start, pause or resume playback.
19. OSC At video & photo playback mode, each time press & hold shortly to display the contents of the current playing sources on screen. (Note: Depends on the media files that recorded, not all sources can be display)
20. MENU **For Unit without GPS Navigation**  
Press & hold shortly to shift the current operating mode to the main menu for various operating selection.  
**For Unit with GPS Navigation**  
Press & hold shortly to shift the current operating mode to GPS navigation mode or from the GPS navigation mode to the previous operating mode.
21. RPT At playback mode and depends on playback device, each time press & hold shortly to select the desired repeat playback mode.
21. GPS /  (MICRO SD CARD) **For Unit with GPS Navigation Only**  
Insert micro SD card installed with navigation software to this port for operation under GPS mode. (Note: Maximum 4 GB micro SD card to be used and contains on micro SD card that inserted to this port can only be operated under GPS operation mode)

**Note**

Printing and symbols on the above drawing may vary from the exact main unit. Referred to the main unit for exact functions and features that applied. User is recommended to use the touch screen control to operate. Most of the functions cannot be operated by the main unit.

**ON SCREEN DISPLAY**

Touch repeatedly to display the contents of the current playing source on screen. Depends on the disc or file type, it may display the disc type, title number, total title numbers, chapter number, total chapter numbers, playing time, elapsed time as well as audio output channel. (Note: Depends on different type of discs and media files that recorded, not all sources can be display)

**MENU / PBC**  
**DVD Mode**

At DVD playback mode, touch to show on screen the menu of the entire disc, touch again to title.

**VCD Mode**

At VCD playback mode, touch to shift playback from the beginning in sequence order.

**BLUETOOTH OPERATION**

Touch to shift screen to Bluetooth operation.

**PLAYBACK SELECTION**

Touch once to activate the number key pad for track selection for playback.



Touch twice to activate the direction key for playback selection (At photo playback mode, direction key for rotating the photo for viewing)

**SYSTEM SETUP**

Touch to start the system set up. A setup menu appears on screen. Touch to have setup of the follow: SYSTEM / LANGUAGE / AUDIO / VIDEO / SPEAKER / DIGITAL (Note: Not all the setups available for operation on the unit)

**AUDIO & VIDEO SETUP**

Touch to activate the AUDIO & VIDEO SETTING INTERFACE for audio & video adjustment. (Refer to ON SCREEN – AUDIO & VIDEO SETUP for operation details)

**SOUND MUTING**

Touch to cut down the sound output. At sound muting mode, touch to release the mode and recover to the previous sound output level.

**SCREEN DISPLAY**

Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it on again.

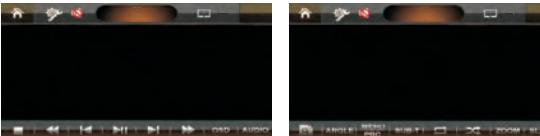
**BLUETOOTH OPERATION**

Touch to shift screen to Bluetooth operation (when mobile phone connected).

**MAIN MENU**

Touch to shift screen to **MAIN MENU** for other operation mode.

## PLAYBACK OPERATION MENU



At **PLAYBACK OPERATION MENU**, hold and slide the lowest portion (icons) of the screen to shift to another **PLAYBACK OPERATION MENU**. There are three playback operation menus. The following show the operation under these menus.

**DISC INPUT**

This shows operation under disc input mode.

**USB INPUT**

This shows operation under USB device input mode.

**SD CARD INPUT**

This shows operation under SD card input mode.

**PAUSE AND PLAY**

Touch to pause playback, touch again to resume to normal playback.

**TRACK UP / DOWN**

Touch to choose track upward or downward for playback.

**FAST FORWARD / FAST REWIND**

Touch repeatedly to fast forward or fast rewind the tracks. Touch one time for x2, two times for x4, three times for x8, four times for x20, 5 times for returning to normal playback. During fast forward or fast rewind mode, touch to resume normal playback.

**SLOWLY PLAYBACK**

Touch repeatedly to start playback in slow motion. There are 6 steps of slow motion available for selection.

**STOP MODE**

At USB/SD playback mode, touch will stop the playback temporary and playback will resume after a while. At disc playback mode, touch will stop the playback. At stop mode, touch h to stop the playback. At stop mode, touch to resume normal playback.

**AUTO SCAN (At Music Playback Mode)**

Touch to start scanning of the tracks and stop for playback for a few seconds.

**REPEATED PLAYBACK**

Touch repeatedly to choose different modes of playback.

**RANDOM PLAYBACK**

Touch to choose playback on tracks of the device in random order.

**AUDIO CHANNELS SELECTION**

Touch repeatedly to select the audio output channels that recorded in the device.

**SUB-T**

Touch repeatedly to select different sub-titles that recorded on the devices.

**MULTI-ANGLE SETTING**

At video playback mode, touch repeatedly to view the angle changes in sequential order (available for video recorded with multi-angle senses).

**ZOOM IN / OUT**

Touch repeatedly to zoom in and zoom out of screen for viewing.

## REMOTE HANDSET OPERATION

**GENERAL OPERATION**Symbol / FunctionOperations & Controls

When the unit is turned off, press to turn on the unit.

When the unit is turned on, press & hold shortly to turn off the unit.

## SOURCE

VOL+ / VOL- /  
VOLUME + / -Operations & Controls

Press repeatedly to choose your desired modes for operation.



## EQ

## LOUD

Press to turn on or off of sound mute control.

Press repeatedly to select the desired preset audio equalization mode



## BND

Press & hold shortly to turn on or off of loudness control.



## Q

Operations & Controls

Press repeatedly to select the desired radio band for broadcasting.

Auto Memory Store

Press & hold shortly to start searching the frequency and storing the strongest signal stations into the corresponding preset station number 1 – 6. The searching will stop until one cycle search is finished and the unit will start scanning of the preset stations and stop for broadcasting a few seconds on the preset station scanned.

Auto Memory Scan

Press to scan the preset stations on the selected radio band and stop for several seconds for broadcasting on each preset station scanned. During scanning, press again to stop this scanning and the current radio station will be broadcasting. Scanning will be stopped after one cycle of scanning completed.



1 / 2 / 3 / 4 / 5 / 6

Press & hold shortly to seek the frequency upward or downward and stop for broadcasting when a radio station received. Press repeatedly to fine tune the radio frequency upward or downward.

7 / SUB-T

Press any one of the number keys to select a station which had been stored in the memory for broadcasting. Press & hold shortly the desired number key can store the current broadcasting station or frequency into that number key.

8 / TITLE

At FM radio band, press to switch between a local setting (LOC) for reception of strong stations, and a distant setting for reception of weak stations. When a local mode is selected, "LOC" appear on screen and this is no indication for distant mode.

#### DISC / USB / SD / IPOD INPUT OPERATION



Press to start, pause or resume playback.

At disc & iPod playback mode, press to stop playback.

At USB / SD playback mode, press to stop playback temporary and shift to folder menu for other selection. When no selection made or after a while, playback will resume.



#### Track Selection

At playback mode, press repeatedly to choose track upward or downward for playback.

#### Fast Forward & Fast Rewind

At playback mode, each time press & hold shortly to activate various fast forward or fast rewind speeds for playback. (Note: At iPod playback mode, fast forward or fast rewind available in one speed only)

0 – 9

Press directly to input the track number for playback.

OSD

At video & photo playback mode, each time press & hold shortly to display the contents of the current playing sources on screen. (Note: Depends on the media files that recorded, not all sources can be display)

AUDIO

At video & music playback mode, each time press & hold shortly to select different audio output channels. (Note: Available on media files recorded with different audio output channels. Audio setting is not available at iPod mode)

ANGLE

At video playback mode, each time press & hold shortly to view the angle changes in sequential order. (Note: Available on video files recorded with multi-angle scenes)



#### **AUDIO & VIDEO SETUP**

Touch to activate the AUDIO & VIDEO SETTING INTERFACE for audio & video adjustment.  
(Refer to ON SCREEN – AUDIO & VIDEO SETUP for operation details)



#### **SOUND MUTING**

Touch to cut down the sound output. At sound muting mode, touch to release the mode and recover to the previous sound output level.



#### **SCREEN DISPLAY**

Touch to turn off the screen. When the screen is turned off, touch any portion of the screen to turn it on again.



#### **BLUETOOTH OPERATION**

Touch to shift screen to Bluetooth operation (when mobile phone connected).



#### **MAIN MENU**

Touch to shift screen to **MAIN MENU** for other operation mode.

### **ON SCREEN – DISC / USB / SD INPUT OPERATION**

At **MAIN MENU**, touch "DISC" / "USB" / "SD" icon on screen to shift to disc / USB / SD input operation. At audio playback mode, **MUSIC MENU** appeared on screen.



At **MUSIC MENU**, touch to shift to **FOLDER MENU** in order to select media, folder or track for playback.



At **MUSIC MENU**, touch to activate **PLAYBACK OPERATION MENU** for various operation modes.

#### **MUSIC MENU**



Touch to shift page up or down.

#### **FOLDER MENU**



Touch to shift current playback mode to music playback mode.  
Note: Available on device recorded with music media file



Touch to shift current playback mode to photo playback mode.  
Note: Available on device recorded with photo media file



Touch to shift current playback mode to video playback mode.  
Note: Available on device recorded with video media file



During video/photo playback mode,  
touch any portion on screen to activate **PLAYBACK OPERATION MENU** for various operation modes.



During audio playback, touch to activate **PLAYBACK OPERATION MENU** for various operation modes.

**AS****AUTO MEMORY STORE / SCAN**

Touch to start searching the frequency and storing the strongest signal stations into the corresponding preset station number 1 – 6. The searching will stop until one cycle search is finished and it will start scanning all the preset stations on memory and stop for a few seconds for broadcasting. During scanning, touch again to stop this scanning and the current radio station will be broadcasting.

**PS****AUTO SCAN**

Touch to start scanning all the preset stations on memory and stop for a few seconds for broadcasting. During scanning, touch again to stop this scanning and the current radio station will be broadcasting.

**AUTO SEARCH**

Touch to start searching the current radio frequency upward and stop for broadcasting a few seconds when a radio station received. Touch again to stop the searching or otherwise, searching will not be stopped.

**PRESET STATIONS SELECTION**

Touch any one of the preset station number 1 - 6 to select a station which had been stored in the memory for broadcasting. Touch and hold the station number can store the current broadcasting station into this preset number. The unit can store up to 30 stations: FM1 x 6; FM2 x6; FM3 x6; AM1 x 6; AM2 x 6.

**SEEK CONTROL**

Touch to seek the radio frequency upward or downward and stop when a radio station received.

**MANUAL TUNING**

Touch repeatedly to fine tune the radio frequency upward or downward manually.

**AF CONTROL (ALTERNATIVE FREQUENCIES)**

This control available for unit comes with RDS. Touch to turn RDS operation on or off. Whenever RDS switched on, the program name will be show on TFT display when receiving a RDS station. "ALARM" will be display when an emergency broadcasting is received.

(Note: When AF is switch on, at this moment, using / to search station will only stop at stations which have RDS broadcasting)

**TA CONTROL (TRAFFIC ANNOUNCEMENT)**

This control available for unit comes with RDS. Touch to activate traffic announcement mode on or off. When TA mode is on and a traffic announcement transmitted:

- when the unit is on other operating mode, it will temporarily switch to radio mode and switch over to a linked station when detects a traffic announcement on that program
  - If the volume level is under the threshold point, it will raise to the threshold point
- (Note: When TA is switched on, at this moment using / to search station will only stop at stations which have TA broadcasting)

**MONO / STEREO SELECTOR**

Touch to select FM reception in stereo or mono mode. When stereo signal received, stereo indicator appeared on screen and no indicator for mono signal.

**LOCAL / DISTANT CONTROL**

At FM radio mode, touch to switch between a local setting for reception of strong stations, and a distant setting for reception of weak stations. When a local setting mode is selected, "LOC" appears on screen and this is no indicator for distant setting.

**REP**

At playback mode and depended on the media files recorded, each time press & hold shortly to select various playback modes.

**RDM**

At playback mode, press & hold shortly to turn on or off of random playback of the input device. (Note: Depended on the input device, random playback may not be available for setting. Random playback is not available at iPod mode)

**INT**

At playback mode, press & hold shortly to turn on or off of intro playback of the input device. (Note: Depended on the input device, intro playback may not be available for setting. Intro playback is not available at iPod mode)

**SUB-T**

At video playback mode, press & hold shortly to select different sub-titles that recorded in the device. (Note: Available on video files recorded with different sub-titles)

**TITLE**

At DVD playback mode, press & hold shortly to show on screen the menu or title of the disc. By using /// and ENT keys to select or set for the desired playback modes.

**ZOOM**

At video & photo playback mode, each time press & hold shortly to select different zoom in and zoom out ratio of screen for viewing.

**SLOW**

At video playback mode, each time press & hold shortly to select different slow motion playback.

**SETUP**

Press & hold shortly to activate the system setup. A setup menu appeared on screen. By using /// and ENT keys to have the desired setup. (Note: Not all the setups available for selection on the unit. Password for parental lock "0000". Setup is not available at iPod mode)

**DVD Mode**

At DVD playback mode, press & hold shortly to show on screen the menu or title of the disc. By using /// and ENT keys to select or set for the desired playback modes.

**VCD Mode**

At VCD playback mode, press & hold shortly will shift PBC on or off. At PBC on mode, sequence playback starts at the beginning.

**SYS**

Each time press & hold shortly to select different TV system on NTSC, PAL, AUTO. (Note: Not available at iPod mode)

**///****Directional Keys**

Press to select on screen your desired position/control for operation. (Note: Available for setting at SETUP / TITLE / MENU / PBC mode)

**Photo Playback Mode**

Press to rotate photo position or show up-down, left-right mirror image.

**ENT**

Press to confirm or enter to the selected setting.

## **BLUETOOTH OPERATION**

### **Symbol / Function      Operations & Controls**

	Press to pick up an incoming call. Press to dial out a call after input the phone number. When no phone number has been input, press to redial the last call out number.
	Press to hang up or refuse an incoming call.
	At BLUETOOTH conversation, press to shift conversation between main unit and mobile phone.
0 – 9	
	<b>Phone Number</b> Press directly to input the phone number for dial out.
	<b>International Call</b> Press & hold shortly "0" to input "+" for international call.
# /	Press to input for conversation that needs data input
CLR	Press to erase the digit that input by error.
	Press to start or pause playback of music transmitted from the mobile phone.
	At music playback mode, press repeatedly to choose track upward or downward for playback.

### **NOTE**

1. For battery replacement, please refer to the back of the remote handset for details.
2. Depended on the input devices and media files that recorded, not all the operations as described above can function on some operating modes and operation method may vary.

## **ON SCREEN – MAIN MENU OPERATION**

### **IMPORTATION NOTICE:**

Interfaces, photos, images and icons as shown in this part of operation manual may be varied from the exact unit. However, all of them come with similar outlook of the same type with the same operation method.

This unit equipped with two background colour **MAIN MENU** which show different sources of input and operation. Touch the icon of your desired mode on screen and the unit will then enter into the mode that you selected. Hold and slide on the lower portion of screen (icons) to shift to next or previous page of **MAIN MENU**.

### **AUTO MEMORY STORE / SCAN**

Touch to start searching the frequency and storing the strongest signal stations into the corresponding preset station number 1 – 6. The searching will stop until one cycle search is finished and it will start scanning all the preset stations on memory and stop for a few seconds for broadcasting. During scanning, touch again to stop this scanning and the current radio station will be broadcasting.



**AUTO SCAN**  
Touch to start scanning all the preset stations on memory and stop for a few seconds for broadcasting. During scanning, touch again to stop this scanning and the current radio station will be broadcasting.



**AUTO SEARCH**  
Touch to start searching the current radio frequency upward and stop for broadcasting a few seconds when a radio station received. Touch again to stop the searching or otherwise, searching will not be stopped.



**PRESET STATIONS SELECTION**  
Touch any one of the preset station number 1 - 6 to select a station which had been stored in the memory for broadcasting. Touch and hold the station number can store the current broadcasting station into this preset number. The unit can store up to 30 stations: FM1 x 6; FM2 x 6; FM3 x 6; AM1 x 6; AM2 x 6.



**SEEK CONTROL**  
Touch to seek the radio frequency upward or downward and stop when a radio station received.



**MANUAL TUNING**  
Touch repeatedly to fine tune the radio frequency upward or downward manually.



### **AF CONTROL (ALTERNATIVE FREQUENCIES)**

This control available for unit comes with RDS. Touch to turn RDS operation on or off. Whenever RDS switched on, the program name will be show on TFT display when receiving a RDS station. "ALARM" will be display when an emergency broadcasting is received.

(Note: When AF is switch on, at this moment, using / to search station will only stop at stations which have RDS broadcasting)



### **TA CONTROL (TRAFFIC ANNOUNCEMENT)**

This control available for unit comes with RDS. Touch to activate traffic announcement mode on or off. When TA mode is on and a traffic announcement transmitted:

- when the unit is on other operating mode, it will temporarily switch to radio mode and switch over to a linked station when detects a traffic announcement on that program

- If the volume level is under the threshold point, it will raise to the threshold point  
(Note: When TA is switched on, at this moment using / to search station will only stop at stations which have TA broadcasting)



**MONO / STEREO SELECTOR**  
Touch to select FM reception in stereo or mono mode. When stereo signal received, stereo indicator appeared on screen and no indicator for mono signal.



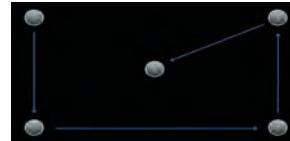
**LOCAL / DISTANT CONTROL**  
At FM radio mode, touch to switch between a local setting for reception of strong stations, and a distant setting for reception of weak stations. When a local setting mode is selected, "LOC" appears on screen and this is no indicator for distant setting.

## TOUCH SETUP MENU



Touch to shift screen to **TOUCH SETUP MENU** for calibration on screen.

At **TOUCH SETUP MENU**, follow the instruction and touch on screen in order to complete the calibration.



## FACTORY SETUP MENU



Touch to shift screen to **FACTORY SETUP MENU**.

**Note:**

This setting is for ex-factory setting and not available for user setup.

## VERSION MENU



Touch to shift screen to **VERSION MENU** which show the details of the unit.

## ON SCREEN – RADIO OPERATION

At **MAIN MENU**, touch “RADIO” icon on screen to shift screen to **RADIO MENU** for radio operation.



At **RADIO MENU**, hold and slide the lowest portion (icons) of the screen to shift to another **RADIO MENU**. There are two radio operation menus on radio operation.

(Note: Depends on various versions of the unit, display of **RADIO MENUS** may be varied)

**BAND SELECTION**

Touch repeatedly to select different radio band for broadcasting:  
> FM1 > FM2 > FM3 > AM1(MW1) > AM2(MW2) >

## MAIN MENU A

**MAIN MENU B**

Touch to start radio operation.

Touch to start disc operation (when a disc inserted).

Touch to start USB input operation (when a USB device inserted).

Touch to start SD card input operation (when a SD card inserted).

Touch to start auxiliary input operation (when an auxiliary device inserted).

Touch to start TV operation (when TV antenna connected).

Touch to start Bluetooth operation (when connected to a mobile phone).

Touch to start iPod input operation (when an iPod connected).

Touch to start GPS navigation (when micro SD card with map inserted).

Touch to start various setting of the unit.

Touch repeatedly to select the brightness of the screen or turn off the screen. When the screen is off, touch any portion of the screen to turn the screen on again.



At this brightness mode, the brightness of screen is set by the user (user setting). Refer to **ON SCREEN – SETUP OF UNIT (LIGHT SETUP MENU)** for details.



Touch to activate audio & video setting mode. Refer to **ON SCREEN – AUDIO & VIDEO SETTING** for details.



Touch to cut down the sound output. At sound muting mode, touch to release the mode and recover to the previous sound output level.



Touch to shift screen to Bluetooth menu for Bluetooth operation.



Touch to shift screen back to previous operation mode.



Touch to eject disc from the disc slot (when a disc inserted).



Touch repeatedly to shift different background colour (**MAIN MENU A / MAIN MENU B**).

#### Note

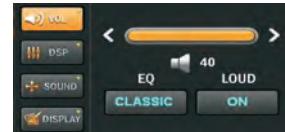
Some operation modes are optional items of the unit. Refer to the exact functions & features that applied to your unit.

## ON SCREEN – AUDIO & VIDEO SETUP



Each time when touching this audio & video setting icon (image varied from different **MAIN MENU** and operation modes), the **AUDIO & VIDEO SETTING MENU** appears on screen. Touch the respective icon of **VOL / DSP / SOUND / DISPLAY** to shift to your desired setting interface on screen.

### VOLUME SETTING MENU



#### VOLUME CONTROL

Hold and slide the **VOLUME BAR** to set for your desired output level of sound.

#### EQUALIZATION CONTROL

Repeatedly touch the **EQ** icon to select the following preset equalization mode: FLAT, CLASSIC, POP, ROCK, JAZZ, EQ OFF.

#### LOUDNESS CONTROL

Touch **LOUD** icon to select on and off of loudness control.

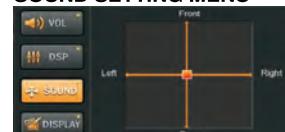
### DSP SETTING MENU



Hold and slide on screen to set for your desired output level on bass and treble

(Note: When bass and treble set, equalization mode will be set to EQ OFF)

### SOUND SETTING MENU



Hold and slide on screen to set for the balance between left and right speakers as well as the sound output level on front and rear speakers.

## TIME SETUP MENU



Touch to shift screen to **TIME SETUP MENU** for various settings.

At **TIME SETUP MENU**, you can select the display format of year, month and time. Touch on screen your desired mode and touch the following icons to adjust your setting:



## LIGHT SETUP MENU



Touch to shift screen to **LIGHT SETUP MENU** for various settings.

Click on the respective column to activate this function for setting (illumination backlight wire – orange should be connected).

Hold & slide the control bar to adjust the lamp of your car.

Hold & slide the control bar to adjust the brightness of screen (user setting mode).

To activate dynamic multi-colour illumination of the unit (automatically shifting illumination colour).

To activate user setting on RGB. Click on the column to select “R” / “G” / “B” colour and when the desired colour reached, hold & slide the control bar to adjust the brightness.

To activate user setting on a single illumination colour of the unit. Click on the column to select the colour.

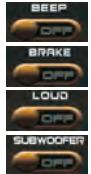
## WHEEL SETUP MENU



Touch to shift screen to **WHEEL SETUP MENU** for various settings.

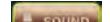
At **WHEEL SETUP MENU**, touch on screen the respective mode for setting of the wheel control that available in your car (Operate when steering wheel control wire – grey and green connected).





- Touch to turn on or off of beep sound when touching on screen for function control  
(Optional function may not be available in the unit).  
Touch to turn on or off of allowing watching video during driving (when the brake – brown wire has not been connected).  
Touch to turn on or off of loudness control.  
Touch to turn on or off of sub-woofer control (when sub-woofer connected).

#### SOUND SETUP MENU



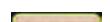
Touch to shift screen to **SOUND SETUP MENU** for various settings.

Touch the respective icon to entry to bass, treble, balance (BAL) and fader (FAD) adjust mode. At the selected mode, hold and slide the **CONTROL BAR** for your desired setting.

#### CONTROL BAR



#### DISPLAY SETUP MENU



Touch to shift screen to **DISPLAY SETUP MENU** for various settings.

#### SOFT

Touch to select your desired brightness of the screen. There are three preset modes for selection of which cannot be adjusted by user:

#### BRIGHT

BRIGHT

#### LIGHT

#### USERS

Touch to enter to the user adjust mode. At user adjust mode, touch the icon for respective setting:



At your selected adjust mode, hold and slide the **CONTROL BAR** to have the setting.



(Note: You may not see the immediate changes in this page)

#### DISPLAY SETTING MENU



Repeatedly touch the control icon on screen to select brightness (**BRIGHT**), chroma (**CHROMA**), contrast (**CONTRAST**) and sharpness (**SHARP**) setting. When your desired mode reached, hold & slide the **SETTING BAR** for setting.

(Note: You may not see the immediate changes in the main menu, but in some modes such as disc, USB, SD, TV and AUX. The DISPLAY SETTING is disabled in RADIO and BT mode.

#### ON SCREEN – SETUP OF UNIT

At **MAIN MENU**, touch “**SETTING**” icon on screen to shift screen to **SETUP MENU** for various setting up of the unit.

#### SETUP MENU (1 OF 9)



At the **SETUP** menu, hold and slide up/down on the **SETUP ICONS** to shift icons up or down. When your desired setting item reached, touch the selected item icon to shift screen to its setting menu.

#### SETUP ICONS



Touch to return to the previous operation mode.



Touch to shift screen to **MAIN MENU**.

#### SYSTEM SETUP MENU



Touch to shift screen to **SYSTEM SETUP MENU** for various settings.

#### AREA

#### EUROPE

Touch repeatedly to select the frequency range of the area that suite your region: EUROPE / RUSSIA / AUSTRALIA (AUST) / MIDDLE EAST (MID EAST) / AMERICA 1 / AMERICA 2 / AMERICA 3 / AMERICA 4 / JAPAN / BRAZIL / CHINA

#### EQ

#### CLASSIC

Touch repeatedly to select the following equalization modes: FLAT / CLASSIC / POP / ROCK / JAZZ / EQ OFF

#### LANGUAGE

#### ENGLISH

Touch repeatedly to select the default language that show on screen.  
Note: This unit comes with 3 languages for selection

#### FRONT CAM

#### REAR CAM

Touch to turn on or off of front camera input. When FRONT CAM is on, front video will be played for 5 seconds after rear video.

Touch to turn on or off of rear camera input when back sight wire (pink) is connected.