

XM-2V719

IN-CAR MULTI-MEDIA PLAYER WITH BLUETOOTH

IMPORTANT NOTICE & PRECAUTIONS

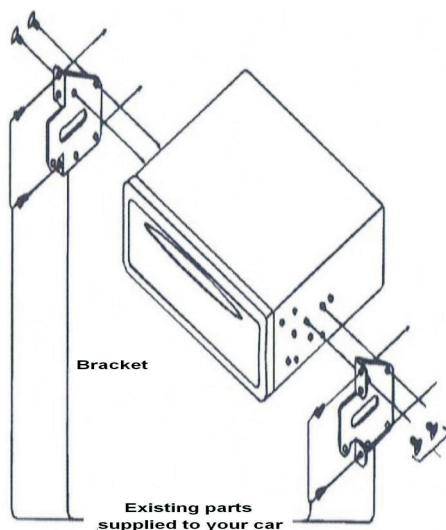
Thank you for using our company multi-media player! To operate the unit correctly, please read the operation manual carefully before using. Keep this operation manual for further reference.

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 0 and +40 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 media files: 1080p / RMVB / MPEG 4 / MP3 / WMA / JPEG.

INSTALLATION



Notes:

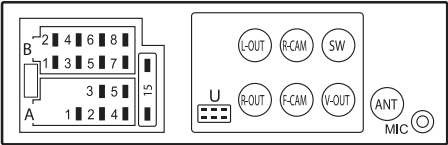
- Installation varies on type of cars and supplied parts
- Store small articles in places not accessible to children
- Install only with the supplied screws
- Installation of unit by professional technician is strongly recommended

Remarks:

Mounting brackets and screws are the parts that supplied in your car and not provided in this unit.

WIRING CONNECTION

BACK OF MAIN UNIT



Remarks:
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+)
		Black (Coarse)	Ground (B-)
		Yellow	Memory back up (B+)
		White	Front left speaker (+)
		White / Black	Front left speaker (-)
		Grey	Front right speaker (+)
		Grey / Black	Front right speaker (-)
		Green	Rear left speaker (+)
		Green / Black	Rear left speaker (-)
		Purple	Rear right speaker (+)
		Purple / Black	Rear right speaker (-)
		Blue / White	Auto antenna (B+)
		Pink	Back sight (B+)
		Pink / Black	Front camera (B+)
		Grey	Steering wheel control (1)
	Green	Steering wheel control (2)	
	Black (Fine)	Steering wheel control (Ground)	
Orange	Headlamp detection / backlight illumination (Connect to on/off control of car headlamp)		
Brown	Brake (B-)		
ANT		Radio antenna	
Audio output jack	SW	Green	Sub-woofer output
	L	White	Left speaker output
	R	Red	Right speaker output
Video output jack	V1	Yellow	Video output
Video input jack	R-CAM	Yellow	Back sight camera input
	F-CAM	Brown	Front camera input

MAIN UNIT OPERATION

Symbol / Function

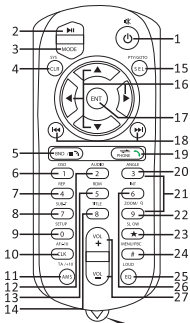
Operations & Controls

RES / RST	Press with a pointed object (such as a ball point) to reset the unit to its initial setting by the factory (default stage).
 / POWER	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.
M/N / MENU	Press to shift screen between MAIN MENU & current operation mode.
 / VOL+ / VOL-	press repeatedly to adjust sound output level.
MUTE / 	Press to turn on or off of sound mute control.
IR	Remote control sensor for signal reception from remote handset.
AUX	Insert an external device to this jack in order to have sound output of that external device through the unit.
USB	Insert USB device to this slot for digital files playback.
MICRO SD / SD / MINI SD / 	Insert micro SD card to this port for digital files playback.
MIC	For voice reception under Bluetooth operation.
TFT SCREEN	It shows the status of operation on the unit. This screen is also a touch display – soft touch the screen for different operations of unit (refer to other parts of this manual for operation details).

Note

The above mentioned symbols / functions / operations & controls show the operations for various version of the unit and may not be equipped or available for control in this unit. Printings and symbols on the above may be varied from the exact main unit. Referred to the main unit for exact functions and features that applied. User is highly recommended to use the touch screen control as well as the remote control handset to operate. Most of the operations of this unit cannot be controlled by the main unit.

REMOTE HANDSET – GENERAL OPERATION



BATTERY REPLACEMENT

Refer to the back of remote handset for details on how to replace the battery.

Remove this tab before using the remote handset

NO. SYMBOL

1.

OPERATION & CONTROL MODES

When the unit is turn off, press to turn on the unit.
When the unit is turn on, press & hold shortly to turn off the unit.
During unit operation, press to turn on or off of sound mute control

2.

At disc / USB / SD / input & Bluetooth mode, press to pause, resume or start playback.

3. MODE

Signal S ource.

4. SYS / CLR

At Bluetooth mode, press to erase the digit input by error.

5. BND

Radio Mode

Press repeatedly to select the desired radio band for broadcasting.



Disc / USB / SD Input Mode

At playback mode, press to stop playback and shift to playlist for playback selection (depended on the input device, playlist may not be available).

Note: Not available for control at music playback mode



Bluetooth Mode

Press to hang up or refuse an incoming call.

6. OSD

At media playback mode, press & hold shortly to display the contents of the playback details on screen. (Note: Not available at music playback mode)

7. REP

At playback mode under disc / USB / SD input, each time press & hold shortly to activate various repeat playback setting.

8. SUB-T

Video Playback Mode

Each time press & hold shortly to select different sub-titles that recoded in the input device or media files.

9. SETUP

During unit operation, press & hold shortly to activate setup menu on screen for various setup of the unit. Press & hold shortly again to return to previous operation mode. (Note: Setup of unit cannot be operated by remote handset. Setup of unit can only be operated by touch screen – refer to ON SCREEN OPERATION for details)

10. AF/-10/CLK

In the Radio mode, the frequency will adjust automatically.
When playing MP3, press a nd hold to enter tracks selection, briefly press to set the C LOCK.

11. TA/+10/AMS

In the R adio mode, briefly press for a uto s earch, In the radio mode.
When playing MP3, press a nd hold to select track.

12. AUDIO

At video and music playback mode, each time press & hold shortly to select different audio output channels. (Note: Available on input device or media files recorded with different output channels and this selection is not available under Bluetooth mode)

13. RDM

At disc / USB / SD input playback mode, press & hold shortly to turn on or off of random playback of the input device. (Note: Not available at photo playback mode)

14. TITLE

DVD Mode

Press & hold shortly to display on screen the title of the disc for setting/setup.

15. PTY/GOTO/SEL

Call up settings

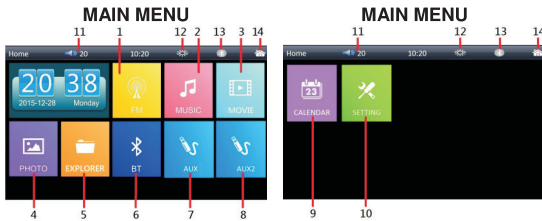
16.  Folder / Playlist Mode
During folder/playlist display at media playback mode, press repeatedly to select track for playback. Once selected, press ENT to confirm.
Photo Playback Mode
Press to rotate photo position or show up-down, left-right mirror image.
17. ENT DVD Mode / Folder/Playlist Mode
At DVD menu/title display mode as well as folder/playlist display at media playback mode, press  to select the desired setting/setup and press ENT to confirm/enter.
18.  Radio Mode
Press repeatedly to fine tune radio frequency upward or downward.
Press & hold shortly to tune radio frequency upward or downward and stop for broadcasting when a station received.
Disc / USB / SD Input Mode (Playback Mode)
Press repeatedly to shift track upward or downward for playback.
Each time press & hold shortly to activate various speed of fast forward or fast rewind mode. (Note: Not available for operate at photo playback mode)
Bluetooth Mode
Press to shift track upward or downward for playback.
TV Mode
Press repeatedly to shift upward or downward for playback.
Press & hold shortly to turn frequency upward or downward and stop for broadcasting when a channel received.
19.  Bluetooth Mode
Press to pick up an incoming call; dial out after input a phone number; redial last dial out number.
 / PHONE Bluetooth Conversation Mode
Press & hold shortly to shift conversation between main unit and mobile phone.
20. ANGLE At video playback mode, each time press & hold shortly to view angle changes in sequential order (available on media files recorded with this features).
21. 1 – 6 Radio Mode
Press any one of the number key 1-6 to select a station that had been stored in the preset memory number key 1-6 for broadcasting.
0 – 9 Disc / USB / SD / Input Mode
Press directly to input the number of track for playback.
Bluetooth Mode
Press directly to input the phone number for dial out.
TV Mode
Press directly to input the channel number for broadcasting
22. ZOOM Disc / USB / SD Input Mode
At video & photo playback, each time press & hold shortly to select various zoom in and zoom out of screen for viewing.
 Radio Mode
Press to start scanning all the preset stations on memory and stop for a few seconds for broadcasting.
Press & hold shortly to start searching the frequency and storing the strongest signal stations into the preset memory stations number 1-6. After storing the stations, the unit starts scanning all the preset stations on memory and stop for a few seconds for broadcasting.
23. SLOW At DVD playback mode, press repeatedly to select different speeds on slow motion playback.
24. MENU / PBC DVD Mode
Press & hold shortly to display on screen the menu of the entire disc for setting/setup.
VCD Mode
Press & hold shortly to turn on or off of PBC playback.
25. EQ Press repeatedly to select the desired preset equalization mode.
LOUD Press & hold shortly to turn on or off of loudness control.
26. INT At music playback mode, press & hold shortly to turn on or off of intro playback of the input device. (Note: Not available at Bluetooth mode)
27. VOL + / VOL - Press repeatedly or press & hold to adjust sound output level.

Remarks: Depends on the input devices & playback media files, operation may be varied or not available for operation.

ON SCREEN – MAIN MENU OPERATION



During unit operation and when this icon appeared on screen, touch to shift screen to **MAIN MENU** for selection of various operation or setup modes.



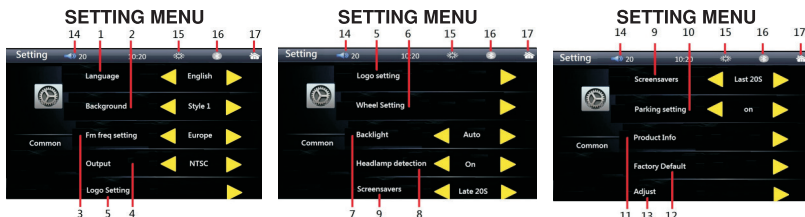
Touch the icon on the desired mode on screen and the unit will then enter into the mode that selected for operation. Hold & slide on screen to shift to other **MAIN MENU** that shows the hidden input or operation icons.

1. Touch to shift screen to **RADIO MENU** to start radio operation.
2. Touch to shift screen to **MUSIC MENU** to start music playback (when device with music files/tracks inserted).
3. Touch to shift screen to **EXPLORER MENU** for selection of device for video files/tracks playback (when device with video files/tracks inserted).
4. Touch to shift screen to **EXPLORER MENU** for selection of device for photo files/tracks playback (when device with photo files/tracks inserted).
5. Touch to shift screen to **EXPLORER MENU** for selection of device for media files/tracks playback (when device with media files/tracks inserted).
6. Touch to shift screen to **BT MAIN MENU** for Bluetooth operation (when a mobile phone linked up with the unit).
7. Touch to shift screen to **AUX INPUT MENU** to start auxiliary input operation (when an auxiliary audio device inserted to the front auxiliary input jack of the main unit).
8. Touch to start auxiliary input operation (when an auxiliary audio / video device inserted)
9. Touch to shift screen to **CALENDAR MENU** for calendar & clock setup.
10. Touch to shift screen to **SETTING MENU** for various setting of the unit.
11. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
12. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
13. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
14. Not available for operation.

ON SCREEN – SETUP OPERATION



At **MAIN MENU**, touch to shift screen to **SETTING MENU** for various system setup of the unit.



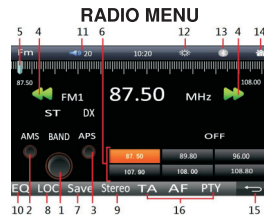
Hold & slide up/down on screen to show the hidden **SETTING MENU** for various setup of the unit.

1. Touch to enter system language setup. At this mode, touch repeatedly the arrow to select the desired system language on screen.
 2. Touch to enter background setup. At this mode, touch repeatedly the arrow to select the background theme of the unit.
 3. Touch to enter radio frequency setup. At this mode, touch repeatedly the arrow to select the radio frequency range that suit the country or area located.
 4. Touch to enter video system setup. At this mode. Touch repeatedly the arrow to select the video system in PAL / NTSC.
 6. Touch to enter steering wheel control setup. At this mode, touch the arrow to activate STEERING WHEEL CONTROL MENU for setting up of steering wheel control. The steering wheel control wires – grey & green as well as the ground wire should be connected.
 7. Touch to enter backlight illumination setup. At this mode, touch repeatedly the arrow to select the illumination colour of the unit. When “AUTO” selected, the illumination colour of the unit will be shifted automatically.
 8. Touch to enter headlamp detection setup. At this mode, touch the arrow to turn on or off of headlamp detection of the car (when the orange wire connected with the on/off of car headlamp).
- ON mode: when the headlamp of the car turned on, brightness of screen will be dimmed.
 OFF mode: when the headlamp of the car turned on, brightness of screen will not be affected
9. Touch to enter screensaver setup. At this mode, touch repeatedly the arrow to select the desired time to have the screen turned off during operation.
 10. Touch to enter video display setup. At this mode, touch the arrow to select on or off of allowing watching video during driving (when the brake – brown wire has not been connected).
 ON mode: Video display is prohibited
 OFF mode: Video display is allowed
 11. Touch to enter production information display. At this mode, touch the arrow and product information will be display on screen.
 12. Touch to enter reset setup. At this mode, touch the arrow to reset the unit at its ex-factory default stage.
 13. Touch to enter screen calibration setup. At this mode, touch the arrow and CALIBRATION INTERFACE appeared on screen. Follow the 「+」 mark, touch to complete the calibration.
 14. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
 15. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
 16. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
 17. Touch to shift screen to **MAIN MENU**.

ON SCREEN – RADIO OPERATION



At **MAIN MENU**, touch to shift screen to **RADIO MENU** for radio operation.



1. Touch repeatedly to select radio band for broadcasting.
2. Touch to start storing the strongest signal stations into the preset memory stations. After storing the stations, the unit starts scanning all the preset stations on memory and stop for a few seconds for broadcasting. Intro broadcasting will stop after one cycle scanning completed.
3. Touch to start scanning all the preset stations on memory and stop for a few seconds for broadcasting. Intro broadcasting will stop after one cycle scanning completed or touch again to stop the intro broadcasting.
4. Touch to tune the radio frequency to upward or downward station for broadcasting.
Touch & hold shortly to activate manual tuning mode. At this mode, touch repeatedly to fine tune radio frequency upward or downward.
5. Hold & slide to select the desired frequency for broadcasting.
6. Touch the desired preset station to start broadcasting.
Touch & hold shortly the desired preset station can store the current broadcasting station (frequency) into that station.
7. Touch to save the current broadcasting station (frequency) into the highlighted preset station.
8. Touch to select local (LOC) setting for reception of strong signal stations and a distant (DX) setting for reception of weak stations.
9. Touch to select stereo (STEREO) or mono (MONO) mode at FM radio band. When stereo signal received, ST indicator will be highlighted on screen and this is no indicator for mono signal.
10. Touch repeatedly to select desired preset equalization mode.
11. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
12. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again
13. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
14. Touch to shift screen to **MAIN MENU**.
15. Touch to shift screen to **MAIN MENU**.
16. Not available for operation.

ON SCREEN – MEDIA PLAYBACK OPERATION



At **MAIN MENU**, touch to shift screen to **EXPLORER MENU** for selection of device for media files/tracks playback (when device with media files/tracks inserted).



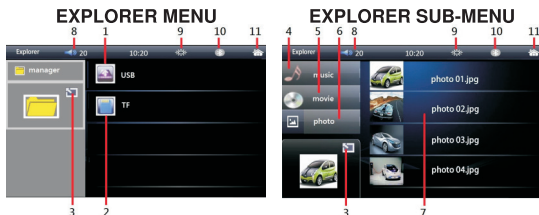
At **MAIN MENU**, touch to shift screen to **MUSIC MENU** to start music playback (when device with music files/tracks inserted).



At **MAIN MENU**, touch to shift screen to **EXPLORER MENU** for selection of device for video files/tracks playback (when device with video files/tracks inserted).



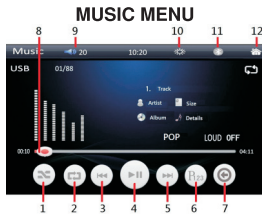
At **MAIN MENU**, touch to shift screen to **EXPLORER MENU** for selection of device for photo files/tracks playback (when device with photo files/tracks inserted).



1. Touch to select USB device for playback (available when USB device inserted).
2. Touch to select SD card for playback (available when SD card inserted).
3. Touch to shift screen to previous menu or shift back to **MAIN MENU**
4. Touch to select music files/tracks for playback.
5. Touch to select video files/tracks for playback.
6. Touch to select photo files/tracks for playback.
7. Touch to select the desired track for playback.
8. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
9. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
10. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
11. Touch to shift screen to **MAIN MENU**.

MUSIC PLAYBACK

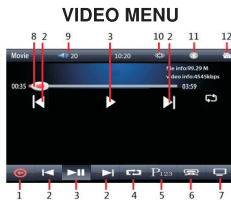
At music playback mode, **MUSIC MENU** appeared on screen.



1. Touch to turn on or off of random playback.
2. Touch to turn on or off of the repeat playback on current track.
3. Touch to shift to previous track for playback.
Touch & hold to have fast rewind of track, release to resume to normal playback.
4. Touch to pause / resume playback.
5. Touch to shift to next track for playback.
Touch & hold to have fast forward of track, release to resume to normal playback.
6. Touch to activate number pad on screen and directly input the track number for playback.
7. Touch to shift to **EXPLORER MENU** or **EXPLORER SUB-MENU**.
8. Hold & slide to the desired time for playback, release to resume to normal playback.
9. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
10. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
11. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
12. Touch to shift screen to **MAIN MENU**.

VIDEO PLAYBACK

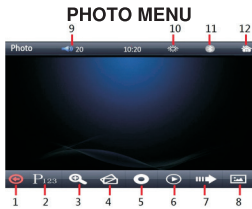
At video playback mode, touch the upper and/or lower portion of screen to activate **VIDEO MENU** for various settings & controls.



1. Touch to shift to **EXPLORER MENU** or **EXPLORER SUB-MENU**.
2. Touch to shift to previous or next track for playback.
Touch & hold shortly to have fast forward / fast rewind playback. At this mode, press to resume normal playback.
3. Touch to pause / resume playback.
4. Touch to activate control menu on screen to select various repeat & random playback modes.
5. Touch to activate key pad screen and directly input the track number for playback.
6. Touch to activate control menu on screen to select screen display ratio.
7. Touch to turn off the screen. At this mode, if video output (V1 / V2) had been connected, video will be display on the connected device. When the screen has been turned off, touch any portion of screen to turn it on again.
8. Hold & slide to the desired time for playback, release to resume to normal playback.
9. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
10. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
11. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
12. Touch to shift screen to **MAIN MENU**.

PHOTO PLAYBACK

At photo playback mode, touch any portion of screen to activate **PHOTO MENU** for various settings & controls.



1. Touch to shift to **EXPLORER MENU** or **EXPLORER SUB-MENU**.
2. Touch to activate key pad on screen and directly input the track number for playback.
3. Touch to activate control menu on screen for rotating photo position and zoom in/out of photo for viewing.
4. Touch to activate control menu on screen to select effect on shifting photos.
5. Touch to show contents of the photo that recorded.
6. Touch to pause or resume playback.
7. Touch to activate control menu on screen to select speed on photo display.
8. Touch to activate control menu to select the current photo set as background (wallpaper) of the unit.
9. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
10. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
11. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
12. Touch to shift screen to **MAIN MENU**.

ON SCREEN – BLUETOOTH OPERATION

LINK UP WITH MOBILE PHONE

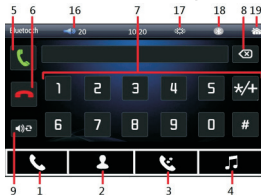
To linkup Bluetooth connection with the mobile phone, take your phone and follow the steps:

- set the mobile phone to Bluetooth state
- start to search new device
- after searched, new device (UNPLUG , CAR BT or similar) searched out, confirm the search
- in case of need, input default code "0000" or "8888" in the mobile phone
- at the same time, Bluetooth icon on screen will be highlighted
- connection succeeded and you can start using Bluetooth function



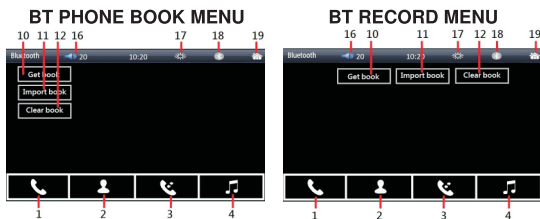
At **MAIN MENU**, touch to shift screen to **BT MAIN MENU** for Bluetooth operation (when a mobile phone has been linked up with the unit).

BT MAIN MENU



BT MUSIC MENU





1. Touch to shift to **BT MAIN MENU** for dial out of phone.
2. Touch to shift to **BT PHONE BOOK MENU** to show the phone book of the connected mobile phone.
3. Touch to shift to **BT RECORD MENU** to show the record on incoming calls / dial out numbers / missing calls of the connected mobile phone.
4. Touch to shift to **BT MUSIC MENU** for transmission of music playback from the connected mobile phone.
5. Touch to dial out after input the phone number or redial when no phone number input
6. Touch to hang up or refuse an incoming call.
7. Touch to input the phone number.
8. Touch to erase the digit input by error.
9. Touch to shift conversation between mobile phone & Bluetooth of the unit.
10. Touch to download the phone book / call record of the mobile phone to the unit.
11. Touch to display the download phone book / call record on the unit.
12. Touch to clear photo book / call record from the unit.
13. Touch to shift to **BT MAIN MENU**.
14. Touch to shift to previous / next track for playback.
15. Touch to start / pause / resume playback.
16. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
17. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
18. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
19. Touch to shift screen to **MAIN MENU**.

ON SCREEN – AUXILIARY INPUT OPERATION

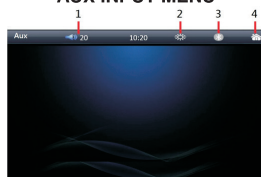


At **MAIN MENU**, touch to shift screen to **AUX INPUT MENU** to start auxiliary input operation (when an auxiliary audio device inserted to the front auxiliary input jack of the main unit).

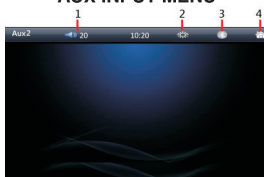


At **MAIN MENU**, Touch to start auxiliary input operation (when an auxiliary audio / video device inserted). Touch any portion on screen to activate **AUX INPUT MENU** for operation.

AUX INPUT MENU



AUX INPUT MENU



1. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
2. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
3. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
4. Touch to shift screen to **MAIN MENU**.

ON SCREEN – CALENDAR & CLOCK OPERATION



At **MAIN MENU**, touch to shift screen to **CALENDAR MENU** for calendar & clock setup.

CALENDAR MENU



1. Touch to select year setting mode. At this mode, touch the arrow repeatedly to set for year of calendar.
2. Touch to select month setting mode. At this mode, touch the arrow repeatedly to set for month of calendar.
3. Touch to select date setting mode. At this mode, touch the arrow repeatedly to set for date of calendar.
4. Touch to select hour setting mode. At this mode, touch the arrow repeatedly to set for hour of clock.
5. Touch to select minute setting mode. At this mode, touch the arrow repeatedly to set for minute of clock.
6. Touch to select time display in 12 / 24 hour format.
7. Touch the date directly to set for date of calendar.
8. After setting the calendar & clock, touch to save the setting.
9. Touch to cancel the setting.
10. Touch to activate the volume control bar on screen, hold & slide to adjust the output level on volume.
11. Touch repeatedly to select brightness of screen or turn off the screen. When the screen is off, touch any portion of the screen to turn it on again.
12. Touch to start Bluetooth operation (when a mobile phone linked up with the unit and this icon high-lighted).
13. Touch to shift screen to **MAIN MENU**.

IMPORTATION NOTICE FOR ON SCREEN OPERATION

Interfaces, photos, images, icons & location 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 and with the same operation method.

SPECIFICATION

GENERAL

Power Requirement:	DC 12 Volts, negative ground
Load Impedance:	4 Ohms
Maximum Power Output:	60 watts x 4 (RMS)
Tone Control – Bass (at 100 Hz)	+/- 8 dB
Treble (at 10 KHz)	+/- 8 dB

FM RADIO SECTION

Frequency Range	87.5 – 108 MHz
	87.5 – 107.9 MHz
Usable Sensitivity (-20 dB)	15 dB
Signal to Noise Ratio	60 dB
Stereo Separation (at 1 KHz)	30 dB
Frequency Response	30 Hz – 15 KHz

VIDEO SECTION

Video System:	PAL / NTSC
Video Output Level:	1.0Vp-p 75 Ohms
Horizontal Resolution:	500

BLUETOOTH SECTION

Communication type:	V2.1
Maximum Distance:	5 meters

AUDIO SECTION

Maximum Output Level:	2 Vrms (+/-3 dB)
Frequency Response:	20 Hz to 20 KHz
Signal to Noise Ratio:	85 dB
Channel Separation:	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.

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 - Reset the unit to its default stage.
No function when pressing the buttons or TFT screen - Reset the unit to its default stage.
Poor effect or unable to receive radio - Check whether the radio 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.
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.

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.