

# INSTRUCTIONS    MANUAL

**F&U**  
**CD-3591BT**

**COMPACT**  
**disc**  
DIGITAL AUDIO

**MP3**  
FileRead



DIGITAL CAR AUDIO SYSTEM WITH BLUETOOTH

## **IMPORTANT NOTICE & PRECAUTIONS**

Thank you for using our product! To operate the unit correctly, please read the operation manual carefully before using.

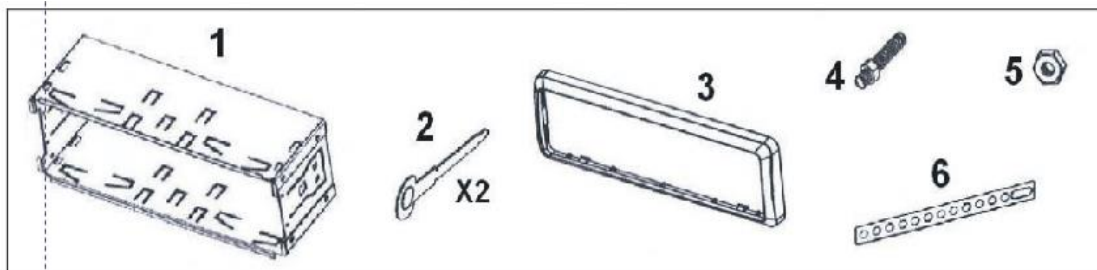
The unit is designed only for DC12V negative ground operation system. Make sure your vehicle is connected to a DC12V negative ground electrical system. Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker wires together or to the vehicle body.

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

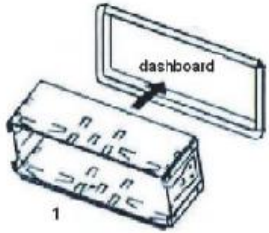
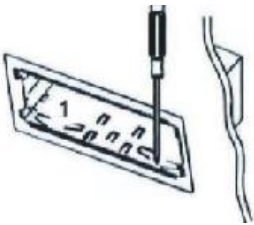
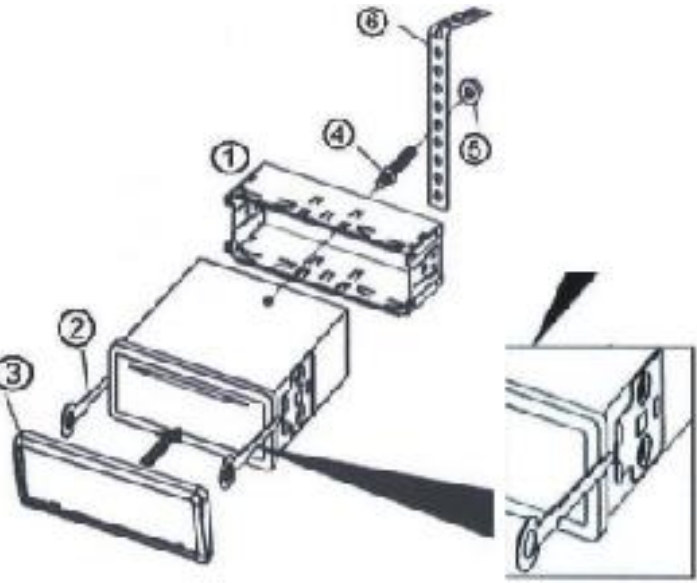
This unit can play the following discs (12cm) and media files: CD-R/RW/MP3/WMA.

## INSTALLATION

Accessories included in the package for installation

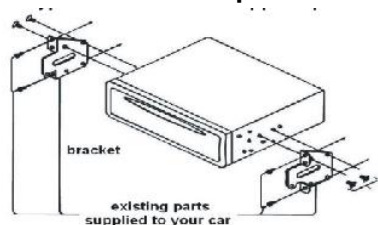


### Mounting Method A

|  |   |
|--|---|
| <p>1. Put the mounting sleeve (1) into the dashboard</p>   | <p>3. 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.</p> <p>To remove the unit, insert the release keys (2) on both sides of the unit out from the dashboard.</p> |
| <p>2. Band the tabs of the mounting sleeve (1) outward into the dashboard for a secure mounting.</p>  |    |

### Mounting Method B

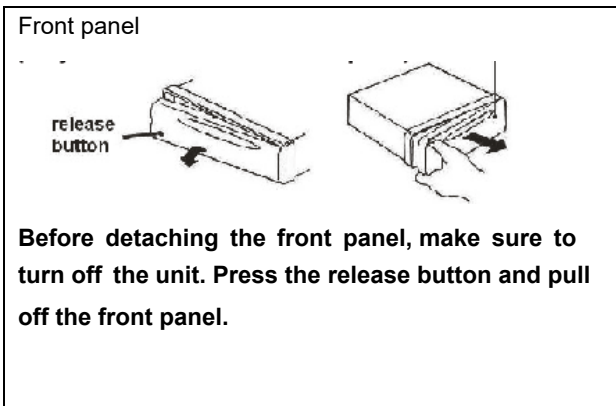
This mounting method is used for most Japanese cars. The actual mounting method should depend on the type of cars and the supplied parts.



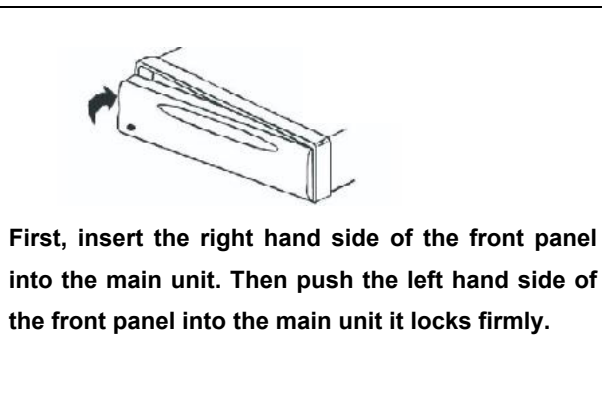
#### Note:

- Store small articles in places not accessible to children.
- Install only with the supplied screws.
- Installation varies on type of cars and supplied parts.
- The unit should be installed by a qualified technician.

## To Detach the Front Panel

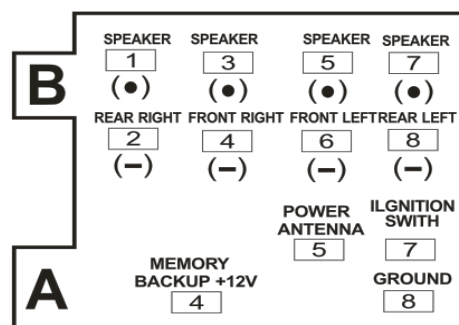
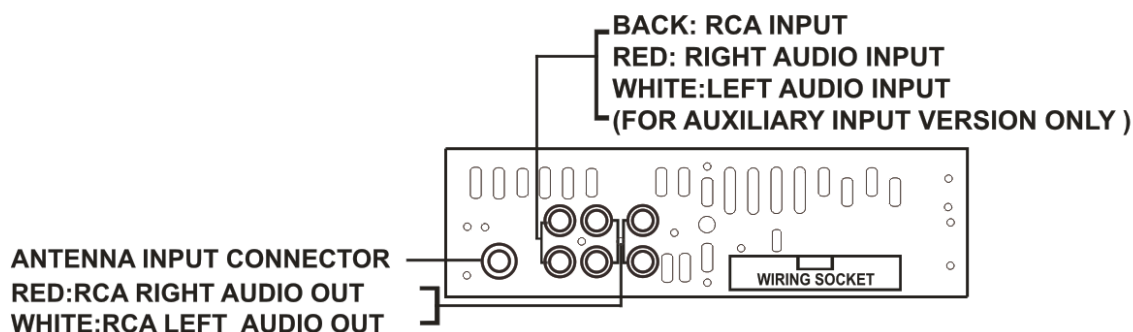


## To replace the Front Panel

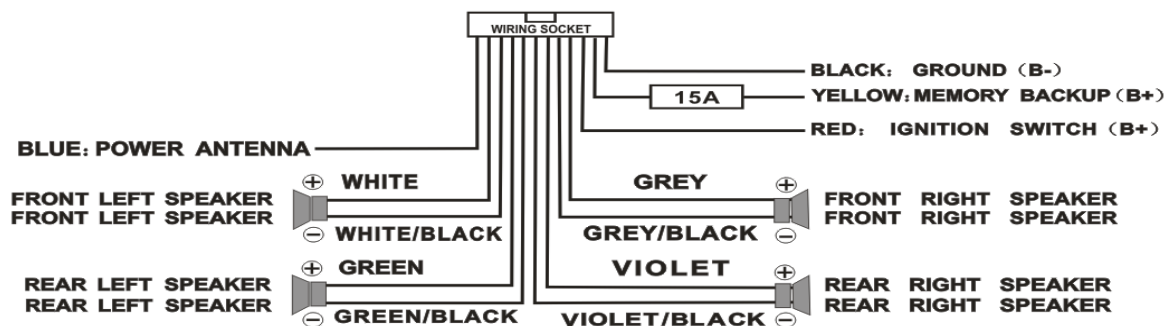


## WIRING CONNECTION

### BACK OF MAIN UNIT



### ISO Wire connection



## **MAIN UNIT OPERATION**

### No/Symbol/Control

### Operation & Controls

1. PWR



Press to turn on or off of the unit.

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

2. IR

Remote control sensor (for signal reception from remote handset).

3.

Press to detach the removable front panel from the main unit.

4. LCD DISPLAY

It shows the status of current operation of the unit.

5. FUNCTION  
CONTROL

#### **Volume Control**

Rotate to adjust sound output level.

#### **Audio Control**

Press repeatedly to activate following control modes & when the desired mode reached, press VOL+/VOL-(18) to set or adjust: Bass (BAS) / Treble (TRE) / Balance (BAL) / FAD / LOUD-OFF (LOUD-ON) / EQ-OFF (FLAT/ROCK/POP/CLASSIC/JAZZ / EQ OFF) / STEREO (MONO) / DX(LOCAL) / Volume(VOL)

#### **Function Control:**

Press & hold for 2 seconds to activate various function control. At this mode, press SEL(5)&VOL+/VOL-(18) to have the following settings and controls:

-AF state selection(AF ON/OFF)

-TA state selection (TA ON/OFF)

-PTY: station category selection

(PTY-NONE/NEWS/AFFAIRS/INFO/SPORT/EDUCATE/DRAMA/CULTURE/SCIENCE / VARIED/POP-M/ROCK-M/EASY-M/LIGHT-M/CLASSICS/OTHER-M/WEATHER /FINANCE/CHILDREN/SOCIAL/RELIGION/PHONE-IN/TRAVEL/LEISURE/JAZZ/COUNTRY/NATION-M/OLDIES/FOLK M/DOCUMENT/TEST/TEST/ALARM

-TALK 24: bluetooth volume default setting, the initial value is 24.

-VER: system version number.

#### **Disc/USB/SD Input Mode**

At file/track/time selection mode, rotate for selection and press to enter/confirm the selection.

6. MUTE

Press turn on or off the sound muting control.

7.

At bluetooth mode, press to hang up or refuse an incoming call.

8.

At bluetooth mode, press to dial out a phone or pick up a call.

Press to recall time display.

9. CLK

Press & hold for 2 seconds to activate clock setting mode and hour digit start blinking. At this mode, rotate & press function control to adjust hour and minute. After setting, press to confirm the setting.

10. MODE

Press to select desired mode for operation.

11. USB

Insert USB device to this slot for digital files playback.

12. SD

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

13. AUX

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

14. DISC SLOT

Insert or remove disc from the disc slot.

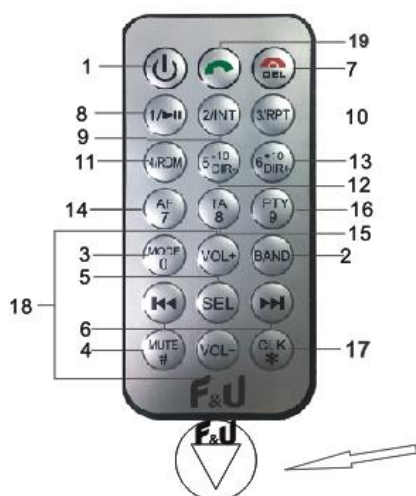
15.

Press to eject disc from the disc slot.

16. BAND                      Radio Mode  
Press to select the desired radio band for broadcasting.  
Disc/USB/SD Input Mode  
Press to display ID3 contains of the MP3 files that recorded in the device.
17. APS                        Radio Mode  
Press shortly to scan all the preset stations on selected radio band and stop several seconds for broadcasting. Press and hold for 2 seconds to start search & storing the strongest signal stations into the PRESET MEMORY STATION 1-6.  
Disc/USB/SD Input Mode  
Press repeatedly to activate different searching modes that may include directory, file, track & time search. Under this mode, rotate & press FUNCTION CONTROL to select track for playback.
18. ►► / ◄◄                Radio Mode (SEEK 1 Mode)  
Press to start automatic seeking frequency upward or downward to the next strong station received. Press & hold for 2 seconds to activate manual turning mode. At this mode, press repeatedly to tune the radio frequency upward or downward.  
Radio Mode (SEEK 2 Mode)  
Press repeatedly to turn radio frequency upward or downward. Press & hold for 2 seconds to start automatic seeking frequency upward or downwards to the next strong station received.  
Radio Mode (SEEK 3 Mode)  
Press repeatedly to turn radio frequency upward or downward. Press & hold to turn the frequency upward or downward and release when your desired frequency is reached. Disc/USB/SD Input Mode:  
Press to shift track upward or downward for playback. Press & hold to start fast forward or fast rewind of the track.
19. PRESET  
    MEMORY  
    STATION  
    (NO.1-6)                      At radio mode, press any one of the preset number to select a station that had been stored in the memory. Press and hold for 2 seconds of any one of the preset number can store the current broadcasting station in the memory.
20. PAU                        At disc/USB/SD input mode, press to start or pause playback.
21. INT                        At disc/USB/SD input mode, press to start into playback of each track for 10 seconds.
22. RPT                        At disc/USB/SD input mode, press to select repeat playback mode.
23. RDM                        At disc/USB/SD input mode, press to select start random playback of the device.
24. -10                        At disc/USB/SD input mode, press each time to select every 10 tracks downward for playback.
25. +10                        At disc/USB/SD input mode, press each time to select every 10 tracks upward for playback.

Note: Depends on different type of discs and media files that recorded, not all operations as described in the above operation manual can be functioned.

## REMOTE HANDSET OPERATION



### BATTERY REPLACEMENT

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

Remove this tab before using the remote control

### NO/Symbol/Control

- 1.
2. BND
3. MODE/0
4. /#
5. SEL

### Operation & Controls

Press to turn on or off of the unit.

#### Radio Mode

Press to select the desired radio band for broadcasting.

#### Disc/USB/SD Input Mode

Press to display ID3 contains of the MP3 files that recorded in the device.

Mode switch. Press once to switch Radio-CD-BT-Aux in modes.

Bluetooth mode: Press to is the 0 number key.

Press to turn on or off of sound (muting control).

At bluetooth mode, press to is the #key.

#### Audio Control

Press repeatedly to activate following control modess & when the desired mode reached press VOL+/VOL-(18) to set or adjust: Bass (BAS) / Treble (TRE)/Balance(BAL) / FAD / LOUD-OFF (LOUD-ON) / EQ OFF(FLAT/ROCK/POP/CLASSIC/JAZZ/EQ OFF)/STEREO(MONO)/DX/(LOCAL) / Volume(VOL)

Function Control:

Press & hold for 2 seconds to activate various function control. At this mode, press SEL(5) & VOL+/VOL-(18) to have the following settings and controls:

-AF state selection (AF ON/OFF)

-TA state selection(TA ON/OFF)  
 -PTY: station category selection: (PTY NONE/NEWS/AFFAIRS/INFO/SPORT  
 EDUCATE/DRAMA/CULTURE/SCIENCE/VARIED/POP-M/ROCK-M/EASY -M/  
 LIGHT-M/CLASSICS/OTHER-M/WEATHER/FINANCE/CHILDREN/SOCIAL/  
 RELIGION/PHONE-IN/TRAVEL/LEISURE/JAZZ/COUNTRY/NATION-M/OLDIES/  
 FOLK-M/DOCUMENT/TEST/ALARM  
 -TALK 24: bluetooth volume default setting, the initial value is 24.  
 -VER: system version number.  
 -Count up & down (COUNT UP/COUNT DOWN): to select  
 the counting up or down of the playing track time.  
 Disc/USB/SD Input Mode  
 At file/track/time selection mode, press to enter/confirm the selection.

## 6. /

### Radio Mode (SEEK 1 Mode)

Press to start automatic seeking frequency upward or downward to the next strong station received. Press & hold for 2 seconds to activate manual tuning mode. At this mode, press repeatedly to tune the radio frequency upward or downward.

### Radio Mode (SEEK 2 Mode)

Press repeatedly to turn radio frequency upward or downward. Press & hold for 2 seconds to start automatic seeking frequency upward or downward to the next strong station received.

### Radio Mode (SEEK 3 Mode)

Press repeatedly to turn radio frequency upward or downward. Press & hold to turn the frequency upward or downward and release when your desired frequency is reached.

### Disc/USB/SD Input Mode:

Press to shift track upward or downward for playback. Press & hold to start fast forward or fast rewind of the track.

## 7. / DEL

At bluetooth mode, press to hang up or refuse an incoming call.  
 Deletes the effect when a number is entered.

## 8. 1/

At disc/USB/SD Input mode, press to start or pause playback.  
 At Bluetooth Mode, press to is the 1 number key.

## 9. 2/INT

At disc/USB/SD input mode, press to start into playback of each track for 10 seconds.  
 At Bluetooth Mode, press to is the 2 number key.

## 10. 3/RPT

At disc/USB/SD input mode, press to select repeat playback mode.  
 At Bluetooth mode, press to is the 3 number key.


## 11. 4/RDM

At disc/USB/SD input mode, press to select start random playback of the device.  
 At Bluetooth mode, press to is the 4 number key.

## 12. 5/-10

At disc/USB/SD playback mode, press each time to select every 10 tracks upward for playback.  
 At Bluetooth Mode, press to is the 5 number key.



- |   |  |
|---|--|
| 13. 6/+10   | At disc/USB/SD playback mode, press each time to select every 10 tracks downward for playback.<br>At Bluetooth Mode, press to is the 6 number key.   |
| 14. 7/AF  | At Radio Mode, press to turn on or off AF.<br>At Bluetooth Mode, press to is the 7 number key.   |
| 15. TA/8  | At Radio Mode, press to turn on or off TA.<br>At Bluetooth Mode, press to is the 8 number key.   |
| 16. PTY/9   | At Radio mode, press to station type selection of PTY.<br>At Bluetooth Mode, press to is the 9 number key.   |
| 17. CLK/*   | Time view and time adjustment.<br>At Bluetooth Mode, press to is the * key.  |
| 18. VOL+/VOL-   | Press to adjust sound output level.  |
| 19.  | At Bluetooth Mode, press to dial out a phone or pick up a call.  |
| 20. PRESET<br>MEMORY<br>STATION<br>NO.(1-6)   | At radio mode, press any one of the preset number to select a station that had been stored in the memory. Press and hold for 2 seconds of any one of the preset number can store the current broadcasting station in the memory. |

Note: Depends on different type of disc and media files that recorded, not all operation as described in the above operation manual be functioned.

## **MAIN UNIT - BLUETOOTH OPERATION**

### **MODE SELECTION**

During unit operation, press MOD(1) repeatedly to select the Bluetooth operation mode.

### **MICROPHONE**

During installation of unit, connect the microphone to the microphone jack at the back of the main unit.

### **LINK UP WITH MOBILE PHONE**

To link up the Bluetooth with the mobile phone, take your phone and follow these steps: -turn on the Bluetooth operation of your mobile phone


- start to search new device on your mobile phone
- after searched, new device "CAR AUDIO" searched out, confirm the search
- input the default code "0000" in your mobile phone and confirm the setting
- "BT ON" will appear shortly on LCD DISPLAY(4) when the linked-up succeed

### **CONNECT / DISCONNECT WITH MOBILE PHONE**

When Bluetooth has been connected with mobile phone, once a call is received or dial, the unit will be responded automatically and switched to Bluetooth operation. The unit will be resumed to its original mode when the phone hanged-up.

### **CALL PICK UP**


When a call is received, the caller ID(if available on the incoming call) will be appeared on the LCD DISPLAY(4).

Press  (11) to pick up the call.

### **DIAL OUT**

When a phone number is dial out, "CALLING" will be appeared on LCD DISPLAY(4).

### **HANG UP/REFUSE CALL**

Press  (1) to hang up or refuse an incoming call. The unit will resume to its original playing mode.

### **MUSIC PLAYBACK**

At Bluetooth operation mode and when mobile phone is connected, music playback from the mobile phone will be transmitted to the unit for broadcasting.

### **NOTE**

Bluetooth operation on the main unit is confined to call pick up, call hang up, refuse call and music playback only.

## SPECIFICATIONS

### GENERAL

Power Requirement DC 12Volts, negative ground

Load Impedance: 4 Ohms  
Maximum power Output: 40 watts x 4 channels

### FM RADIO SECTION

Frequency Range: 87.5-108MHZ(Europe)

### DISC SECTION


Disc Play: CD/MP3/WMA  
Mounting Angle:  $\pm 30$  degree

### AUDIO SECTION

Maximum Output Level: 2 Vrms( $\pm 3$  dB)  
Frequency Response: 20 Hz to 20 Khz  
Signal to Noise Ratio: 85dB  
Channel Separation: 80dB

Note: Specification and design; functions and features; unit illumination; color 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 the input device, operation might be varied from the operation manual described.

## SIMPLE TROUBLESHOOTING GUIDE

| Problem   | Cause/Solution  |
|---|---|
| No power  | Check and make sure whether the fuse is blown; replace with the proper fuse if necessary.   |
| Some errors occur in the LCD<br>No function when pressing the button  | Press the RESET button.   |
| Unable to receive stations  | Check and make sure whether the antenna is inserted or the antenna is properly connected. If not, insert or connect it properly.  |
| Poor effect on receiving a station  | Antenna may not have the proper length. Make sure the antenna is fully extended without damages. If broken, replace the antenna with a new one.<br><br>The broadcasting signal is too weak.<br>The antenna is poorly grounded. Check and make sure the antenna is properly grounded at its mounting location. |
| A disc cannot be loaded “  ” | A disc is already loaded in the mechanism.  |
| The stereo indicator is flashing  | Tune in the frequency accurately.<br>The broadcasting signal is too weak (set to the MONO mode).  |
| Noise   | The disc is dirty or damaged.   |
| Unable to use Bluetooth   | Check if the Bluetooth mobile is correctly connected with this machine, refer to mobiles instruction and pair again.  |
| Too much Echo   | While communication voice is too loud, adjust voice lower (down).   |
| In Bluetooth status, while listening to mobile music or communication, voice might be heard intermittently      | Bluetooth is too far away from the unit. Place the mobile near the unit - it should be within 5 meters.   |

Note: if you still cannot solve the problems with these solutions, please ask the dealer for help.  
Please do not dismantle the device.

## **NOTICE ABOUT RECYCLING**



Your product is designed and manufactured with high quality materials and components which can be recycled and reused. This symbol means that electrical and electronic equipment, at their end-of-life,

should be disposed of separately from your household waste. Please dispose of this equipment at your local community

waste collection/ recycling centre.

In the European Union there are separate collection systems for used electrical and electronic products.

Please help us to conserve the environment we live in!

## **DECLARATION OF CONFORMITY**

Herewith, Amiridis-Savvidis S.A. states that this product, complies with the requirements of below directives:



RED Directive: 14 / 53 / EU

CE Marking: 93 / 68 / EEC

RoHS Directive: 11 / 65 / EU & Delegating Directive (EU) 15 / 863

The detailed declaration of conformity can be found at

[www.united-electronics.gr](http://www.united-electronics.gr)

### **Exclusive importer in Greece:**

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