

**STC CAR AUDIO CO.,LTD**

**Car Audio Player**

**STC-4110**

**FCC ID: 2AKUL-STC4110**



Thank you for using our product. We hope you can clearly understand operating method of this product with this User Manual. In order to use safely and more enjoy the entertainment, you should carefully read this manual before use.

#### ***Special announcement:***

1. Products appearance presented in this Manual may differ from the real product, please make the object as the standard.
2. Our company persists in seeking continuous improvement and continues to enhance product performance. Thus, if product appearance, color and function presented in this Manual differ from those of real product, please make the object as the standard. Our company is entitled to make product modification without any notice, and this company reserves the final right to interpret.
3. The illustrations of this manual are only for more clearly clarify of how to control this device, so the actual display interface may be slightly different with the ones like the manual shows, and some may not be realized in practice.

## **Caution**



Please read all of the following instructions carefully before installation, and it is recommended that this device shall be installed by special auto audio dealer.



This device is applicable to vehicle 12V power system (with ground wire). Do not directly install this device to 24V truck or bus. Otherwise, this device will be damaged.



Without guidance of technicians, it is not allowed to replace fuse of power supply. Usage of improper fuse will damage device or cause fire alarm.



To avoid violating traffic regulations, the driver is not allowed to watch program and operate this device in driving to avoid occurrence of unnecessary traffic accident (except that the passenger watch with the rear display)



For safety purpose and ensure normal usage, please let the technicians from dealers of this project to install. It is not allowed to dismantle or repair this device by yourself to avoid damage of this device and accident. For further information, please consult local auto audio dealers.



It shall not place this product in humid environment and water to avoid electric shock, unnecessary loss and fire alarm caused by short-circuit.



Mechanical drive components of display of this device are fully-automatic precision transmission components. Do not push, pull and rotate this device and impact TFT display with great force to avoid product damage.



Precaution: To prevent short-circuit, please remember to shutdown the auto and disconnect ACC from B+ before installation.

## Installation

### Precautions

- Choose the mounting location carefully so that the unit will not interfere with the normal driving driving functions of the driver.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight or hot air from the heater, or where it would be subject to dust, dirt or excessive vibration.
- Use only the supplied mounting hardware for a safe and secure installation.
- Be sure to remove the front panel before installation.

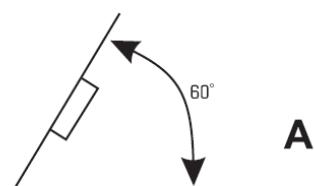
### Step-by-Step Installation

Please refer to the illustration and detailed step-by-step installation below:

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If the angle of the unit is greater than 60 degrees, this unit may not reach optimum performance. (A)



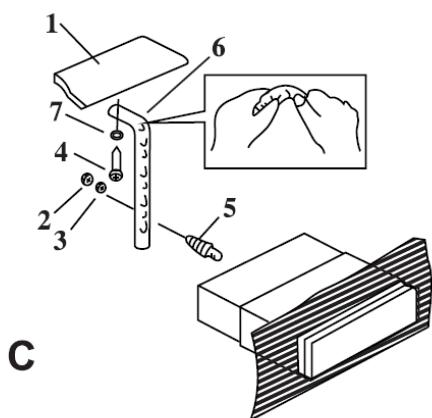
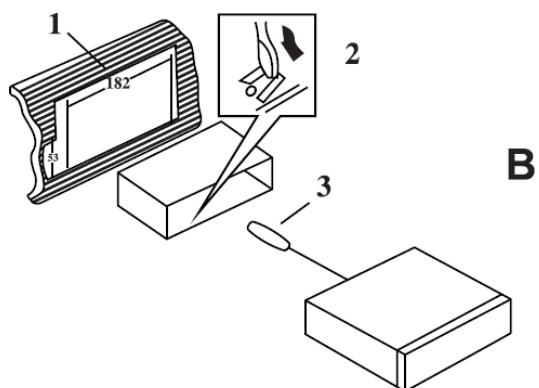
Front installation (B)

1.Instrument board

2.Metal mantle

After putting the mantle into the instrument board, bend the steel of the mantle and fix it onto instrument board.

3.Fastening bolt



Rear Installation (C)

1.Instrument board

2.Nut

3.Spring washer

4.Bolt

5.Fastening bolt

6.Fixed steel

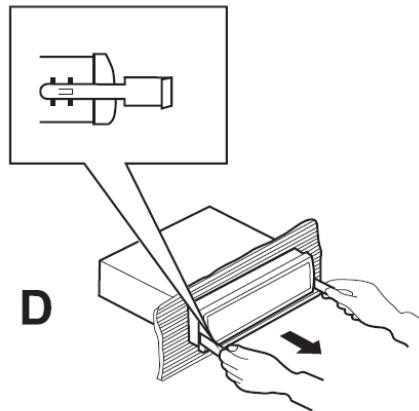
7.Flat washer

In order to improve the anti-interference, please fix onto the under-frame of the car.

Bend the steel if necessary.

### **UNLOAD THE UNIT**

1. Please remove the front frame, when removing this model.
2. Insert the keys into the slots on both side until a locking sound is heard. (D)
3. Pull out the keys and the unit.



## **Button and key function**

### **Power button**

Press  the power button to switch the unit on. Press and hold this button to switch the unit off.

### **Mode selection**

Press **MOD** button to choose a sound source: **RADIO=>USB=>Memory card=>Bluetooth=>AUX**. USB and memory card modes are only available when the storage is connected to this unit.



- Radio receiving: Short press to automatically tune to a lower frequency radio.  
Long press to manually tune to a lower frequency radio.
- Mp3 playing: Short press to go to the previous song.  
Press and hold this button to choose backward playback.



- Radio receiving: Short press to automatically tune to a higher frequency radio.  
Long press to manually tune to a higher frequency radio.
- Mp3 playing: Short press to go to the next song.  
Long press and hold this button to choose forward playback.

## Settings

Press  button to enter the main menu and then rotate and short press the volume button to enter into the settings interface.

Select settings to change: Language, Time, Radio region, LED colour etc. (see picture 1)

LED colour: Short press the volume knob and rotate to select the color you like.

## Volume Control

Rotate the volume knob to regulate the volume.

Short press the volume button to select: Bas, Tre, Bal and Fad.

Short press the volume button again for **EQ**. Rotate the button to select the EQ function.

Short press the volume button for **LOUD**. Rotate the button to select the loudness function.

Short press the volume button for **ST**. Rotate the button to select (in FM mode).

Short press the button for **BEEP**. Rotate the button to select sound on or off.

Short press the button for **LOC**. Rotate the button to select (in FM radio mode).

## Playback operation

1. See picture(2) to play audio or video.

Press   to select the next or the previous file.

2. Play/pause

Press  to PLAY or PAUSE the current music.

3. File list

When playing music, press  to enter the file list interface, then short press  and rotate the volume button to select music, video and pictures. press  and rotate the volume button to select folders, press VOLUME(SELECT) button to start playback. (see picture 3)

4. Shortcut key

(1) “” Press to switch to audio/video/picture button.

(2) “” Press to play the files stored in USB or SD card.

5. Audio frequency play mode

(1) “/INT” Turn on or turn off browse play function. Each music track is played for 10 seconds.

(2) “/RPT” Repeat cycle play function.

(3) “/RDM” Turn on or turn off random play function.

## 6. Aspect Ratio

When playing video , press and hold the volume button to change the aspect ratio.

7. When playing video, short press BND button to switch channels.  
Long press BND button to switch the video of main unit and monitor.

## Audio reception operation

1.The MP5 can store up to 30 radio stations

FM1→FM2→FM3→AM1→AM2.Each waveband has 6 stations.(PIC 4)

2.In radio reception mode, press "BND" to switch the waveband. Press and hold "BND" to start the automatic search and memory function. The system will automatically search for all the FM radio stations and store all the stations found.

3.Press **◀◀ ▶▶** to search for a radio station. Press and hold this button to manually search for a radio station. Press and hold one of the number buttons to store the current radio station in that number.

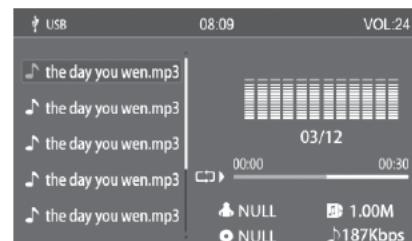
## Video input function

1. Connect to the video input and audio input. Switch to video mode to play video. The screen will play the video.

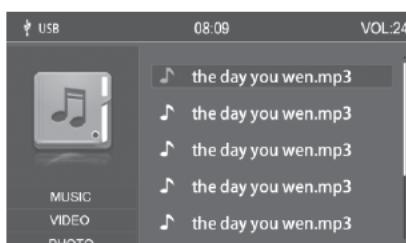
2. If an audio file is played, only sound will play and "No Signal" will display. (see picture 5).



PIC(1)



PIC(2)



PIC(3)



PIC(4)



PIC(5)

## BLUETOOTH

1. Open the machine and use the Bluetooth on your mobile phone to search for CAR-BT, connect and enter "0000"

2. When Bluetooth is successfully paired **CONNECTED** will be displayed.

Short press **1** to PLAY/PAUSE mobile phone music.

Short press **2** to answer the phone and **TALKING** will be displayed.

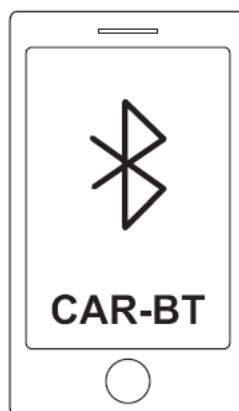
Short press **3** to hang up the phone.

Short press **4** to switch between Bluetooth and mobile phone when calling.

Long press **5** to call back the last call record.

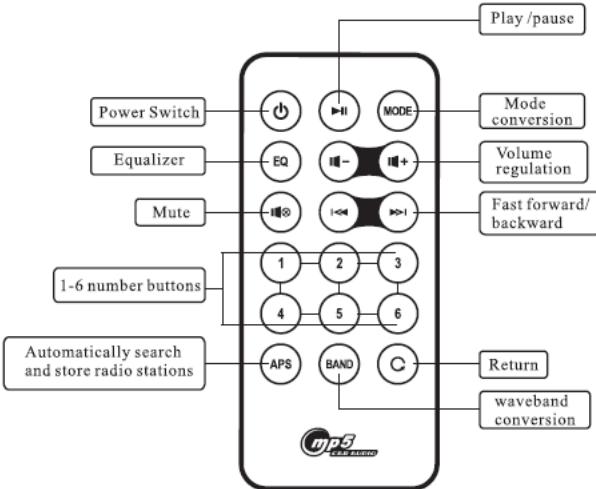
Long press **6** to connect/disconnect Bluetooth.

3. When Bluetooth disconnects, **NOT CONNECTED** will be displayed.



## REMOTE CONTROL FUNCTIONS

★ Note: With the function of remote control use.

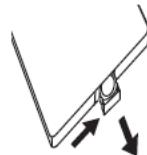


★ Note: Please take out the insulation paper between the battery and remote control before using.

### CHANGE THE BATTERY

Please change the battery while the remote control only can work in a short distance or can not work. And please distinguish the positive and negative clearly.

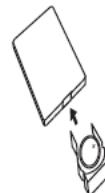
Press the plug and pull out the battery at the same time



Put the new battery in the plug



Put the plug into the remote control



## Troubleshooting

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

Phenomenon	Cause	solution
Failure of being powered on	The car ignition switch is not ON	If the power supply is properly connected to the car accessory terminal switch the ignition key to "ACC"
	The fuse is blown	Replace the fuse
NO sound	Volume is in minimum	Adjust volume to a desired level
	Wiring is not properly connected	Check the wiring connection
Failure of radio	Antenna is not pulles out or connection is wrong	Properly connect the antenna and pull it out as long as possible
	Weak signal	Rotate the antenna to proper direction
The radio station automatic selection does not work	The signals are too weak	Select a station manually
Failure of reading USB or SD	Poor contact	Pull out the memory card and reinsert it
Noises and sound distortion	Speaker cables short-circuited	Properly connect wires
Stop working	CPU can not work normally	Turn off the power and power it on again
	Files are damaged	Skip this file and please select next file

### **FCC Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Note: 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, 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,

- 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.

### **FCC RF Radiation Exposure Statement**

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