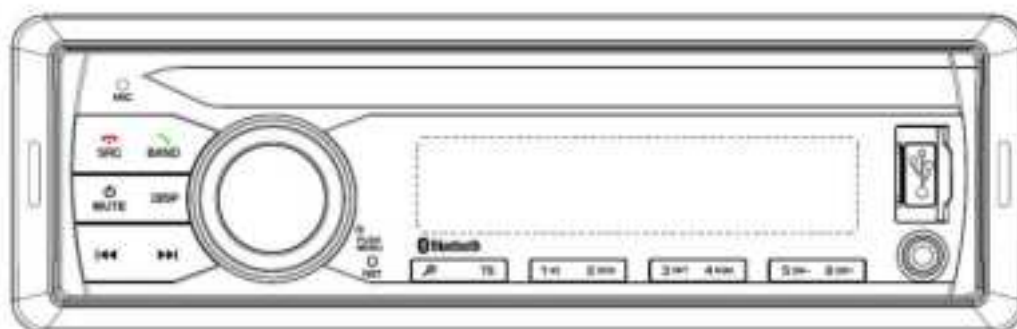# User

USB PALYER

HVIN: PP107338, U3080A

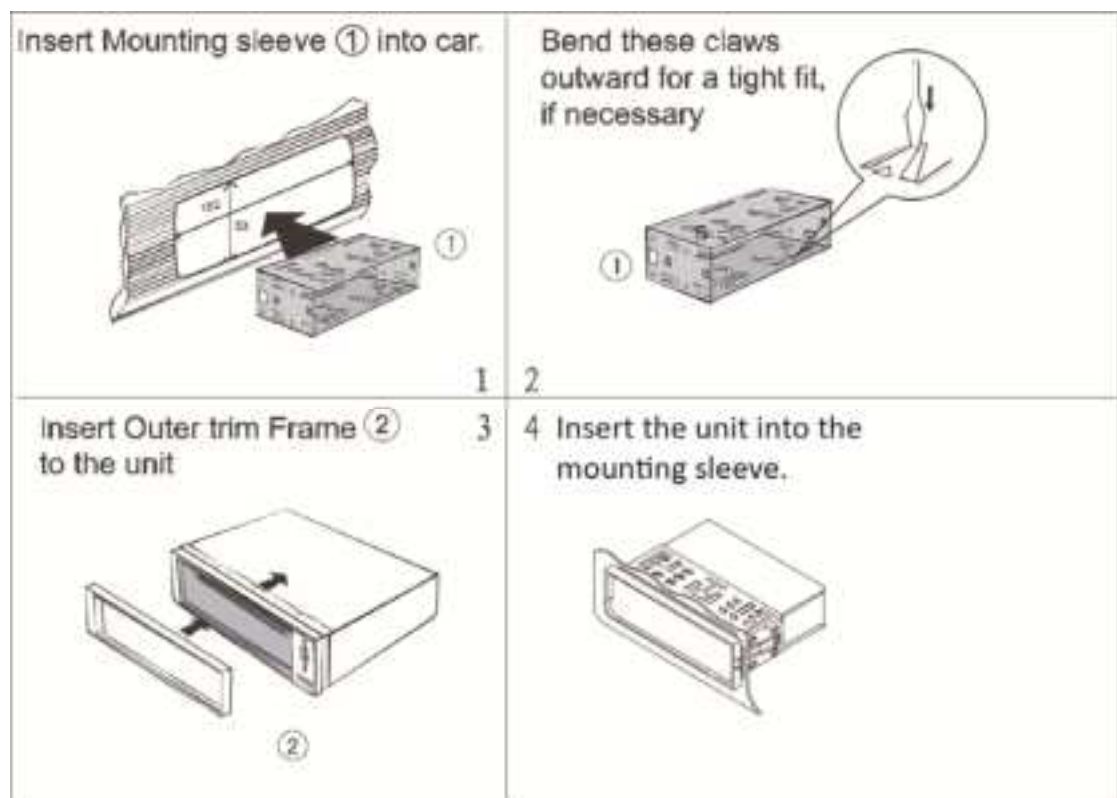Please read the instruction carefullybefore operating the unit.

Installation

ATTENTIONS OF INSTALLATION

1. This player should be installed by professional technician.
2. please read the instruction and operation of equipment carefully before installing.
3. Make sure to connect other wires before power connection.
4. To avoid short circuit. Please make sure all the exposed wire are insulating.
5. please fix all the wires after installation.
6. please make connection to the player accordingly to this instruction manual. Wrong connection may cause damage.
7. This player only fit for 12V DC device and please make sure your car belongs to this kind of cathode grounding electrical system.
8. Please connect the wires rightly. Wrong connection will cause malfunction or damage the electrical system.
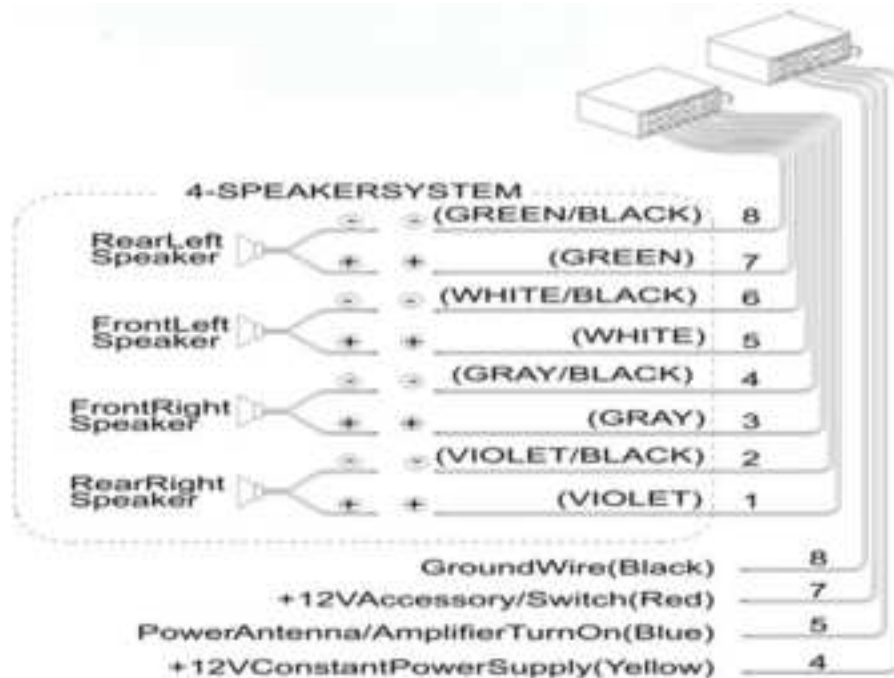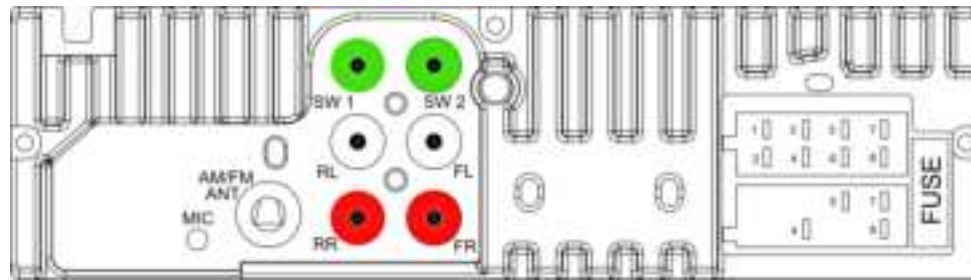
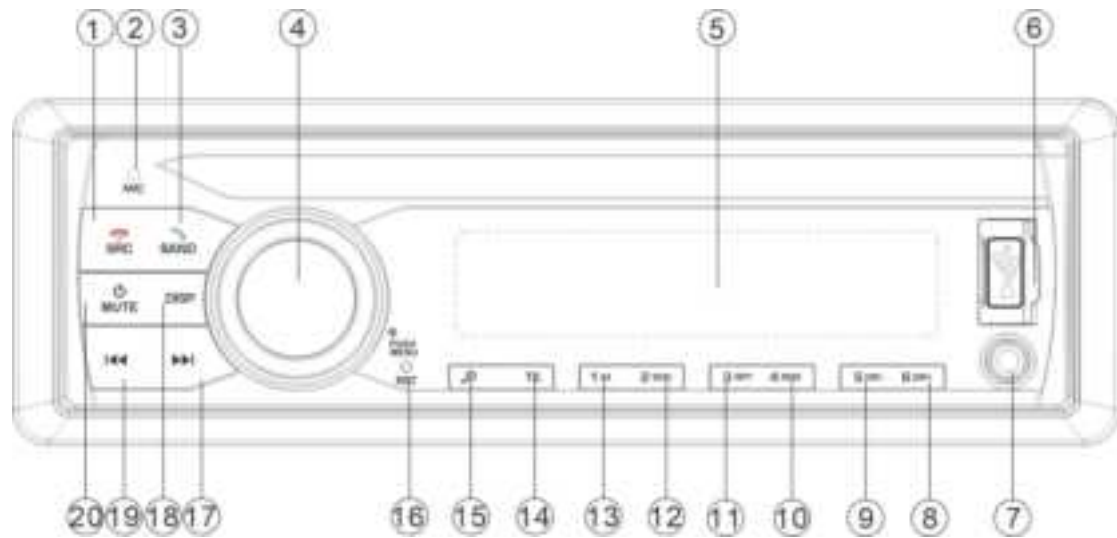## INSTALL THE UNIT

1.   DIN Front-Mount

Installation

WIRING CONNECTION

1. This player can only be used by the 12V DC.
2. Don't connect to the battery until the player is absolutely well connected.
3. Please make sure to connect the yellow wire to the positive of the battery(+).
4. When change the fuse. Please make sure the specifications are same.
5. Using good quality speaker with 4-8 ohm can result in the best effect of the equipment.

Operation

1.	☰SRC	11.	3 RPT
2.	MIC	12.	2 SCN
3.	/ BAND	13.	1 ▶❙❙
4.	Push/Menu	14.	TS
5.	LCD display	15.	
6.	USB port	16.	Reset button
7.	AUX IN jack	17.	(seek down)
8.	6 DIR+	18.	DISP
9.	5DIR-	19.	(seek up)
10.	4 RDM	20.	/Mute

Operation

BASIC OPERATION

Turn on/off the unit and Mute function

Press ⏻ /**MUTE**button to turn on the unit. When the unit is on. Shortly press this button for mute on/off. Press and holdthis button to turn off the unit.

Audio and setting menu adjustment

Repeatedly press**MENU** button forthe audio menu:
BASS->TRE->BAL->FAD->EQ (class/rock/pop/flat)->LOUD (on/off)

Press and hold **MENU**button for the setting menu:
TA(on/off)->PTY SEL ->SW VOL->LPF(80/120/160)->BEEP(on/off)->CLOCK (24/12) ->P_VOL(0~40)->CT(INDEP/SYNC)->DX/LOC ->STEREO/MONO

In each item rotate the **VOL** knob to set them.

SW VOL: Subwoofer volume adjustment (0~20)

LPF: Subwoofer Low Pass Filter setting (80Hz/120Hz/160Hz).

BEEP (ON/OFF): Turn on/off the beep sound.

CLOCK 24/12: Setting the time to 24H or 12H format.

P-VOL (Preset VOL): Setting the power on volume. If the volume at shutdown is small than the P-VOL. Next time turn on the unit, the volume will be maintained at shutdown volume. If the volume at shutdown is greater than the P-VOL. Next time turn on the unit the volume will be restored to the P-VOL value.

CT(INDEP/SYNC):
CT INDEP: The clock works independently.
CT SYNC: The clock will be synchronized to the received RDS station's time.
Note: When the time was set by manual. The CT will back to INDEP mode automatically.

DX/LOC (Distance/Local):
LOC: Receive the strongsignal station only.
DX: Receivestrong and weak signal station.
STEREO/MONO:
STEREO: Receiving FM stereo signal.
MONO: Change to monochrome. When the signal is not good. Changing it to MONO mode will reduce the noise.

Clock setting

Press and hold **DISP** button. The "HH" will be flashing. Rotate **VOL** knob to adjust the hour. After that press **DISP** or **MENU** button the "MM" will be flashing. Rotate **VOL** knobto adjust the minute. Then press **DISP** or**MENU** button to confirm.

Operation

AUXILIARY INPUT

Press **SRC** button to switch to **AUX IN** mode when inserted an audio source to theunit.

Reset the unit

Press **RESET**button to restoreall the data to factory settings.
Note: all memories will be lost.

RADIO OPERATION

Receive a radio station

Press **SRC** button to select RADIO source. Then press **BAND** button to select a band. Shortly press ⏮/⏭ button to receive the desired radio station. Press and hold ⏮/⏭ button for manual tuning the frequency.

Auto Store station

Press and hold **BAND**button for 2 seconds to auto store stations to numeric buttons 1-6 of band 1~3.

Manually store station & recall preset station

When received a station. Press and hold one of the 1- 6 preset button for 2 seconds. The current station is stored into the number button. Shortly press the preset button (1~6) to directly listen the station that saved in the corresponding preset button.

RBDS (Radio Data System) operation

Traffic Announcement (TA)

In **TA** item of the setting menu (press and hold **VOL** knob). Setting the **TA**to on/off.
TAon: When received a TA station it will switch temporarily to radio mode to listen to the TA station whatever in RADIO/USB/AUX/BT mode. If the volume level was under the TA volume it will be raised to the TA volume automatically.
TA stop (TA interruptionfunction):
It allow you temporarily back to previous mode till next TA station was received.

TA off: Turn off the TA function.

PTY operation

In **PTY** item of the setting menu (press and hold VOL knob). When shows the TPY SEL.Rotating the **VOL** knob to select PTY kinds. When shown the PTY kind you want. Press **SEL** knobto search.

Operation

USB PLAY OPERATION

When an USB is inserted to the unit.The unit will start to play a song. If an USB is already inserted in the unit. Keep pressing**SRC** button shortly until the USB mode display appears.

Select file

Press ⏭/⏮button to skip to next/previous file. Hold ⏭/⏮ button to fast forward or fast reverse.

Play/Pause

Press ▶❚❚ button to pause/playing the file.

SCN function:

Press **2 SCN** button to play the first 10 seconds each file. Press it again to cancel this function.

RPT function:

Press**3 RPT** button to select RPT ONE or RPT ALL mode.

Random function:

Press **RDM** buttonto on/offthe random playing function.

Select a Directory

Press **DIR+**/**DIR-** button to select directory upward or downward.

+10/-10 file function

Press and hold **DIR+**/ **DIR-** button for 2 seconds to skip +10/-10 file to play.

Song search

There are two way of search file as below.

1) DIR search:

Press 🎵buttonfor one time.It shows "DIR SCH". Rotating **VOL** knob to select the folder then press **MENU** knob into this folder. Rotating the **VOL** knob again to select the song. Then press **MENU** to confirm. The unit searches the selected song to play. (press ⏮ to back to previous folder.)

2) NUM search:

Press 🎵buttonfortwice times.It shows "NUM SCH" then shows "NUM ***".
Enter 0~9 Then press **SEL** to confirm. It will play the song you selected.
(P1~P6: 1~6, TS=7, ⏮=8, ⏭=9, DISP=0, MENU =confirm, VOL=0~9)

SUPPORTED MP3/WMA DECODING MODES
USB system format supports: FAT 16/FAT 32
The main unit supports MP3/WMA (Windows Media Audio) decoding modes as below.

Operation

Standard	Bit Rate (kbps)	Supports Mode
MPEG1 Audio Layer 3 (44.1kHz)	32,48,64,96, 128,192,256, 320	Stereo
Windows Media Audio (44.1kHz)	64,96,128,192	Stereo

The USB solution can support:

1. Folder: 255 max.
2. File: 999 max.
3. Depth of folder: 8 layers

Size: 64 GB

CAUTION

When there are important files in the DISC/USB/SD, do not connect it to the main unit to play. Because any wrong operation may cause files loss. And ourcompany assumes no responsibility for this.

BLUETOOTH OPERATION

PAIRING

Select the Bluetooth item and search the Bluetooth device on your phone. Select "CAR KIT" and input password "0000" if it needs a password. The BT icon will be displayed when successfulpaired.

Answering / rejecting an incoming call

Press 📞 key to answer the coming call. Press 📞 key to reject or hang up the call.

Transfer the call between mobile phone and unit

During the talking mode, press 📞 button to transfer the phone call between the phone and the unit.

Disconnect the Bluetooth

After the phone is paired with the unit. Hold **SRC** key to disconnect /re-connect the Bluetooth.

Note: At the first time pair with the mobile phone. You have to use mobile phone to pair the unit.

Operation

SPECIFICATION
GENERAL

Power Supply Requirements : DC 12 Volts, Negative Ground
Chassis Dimensions : 178 (W) x 97 (D) x 50 (H)
Tone Controls
- Bass (at 100 Hz) : ±10 dB
- Treble (at 10 kHz) : ±10 dB
Maximum Output Power: 4x40 watts
Current Drain : 10 Ampere (max.)

RADIO
For 2 Bands

FM
Frequency Coverage 87.9 to 107.9 MHz.
IF 10.7 MHz
Sensitivity (S/N=30dB) 4μV
Stereo Separation >25Db

MW
Frequency Coverage 530 to 1700 KHz
IF 450 kHz
Sensitivity (S/N=20dB) 36 dBuV

Trouble Shooting

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

Symptom	Cause	Solution
No power.	The car ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, 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 wiring connection.
The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the reset button.
The radio does not Work. The radio station automatic selection does not work.	The antenna cable is not connected.	Insert the antenna cable firmly.
	The signals are too weak.	Select a station manually.

Trouble Shooting

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.

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 thise quipment 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.

Trouble Shooting

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.