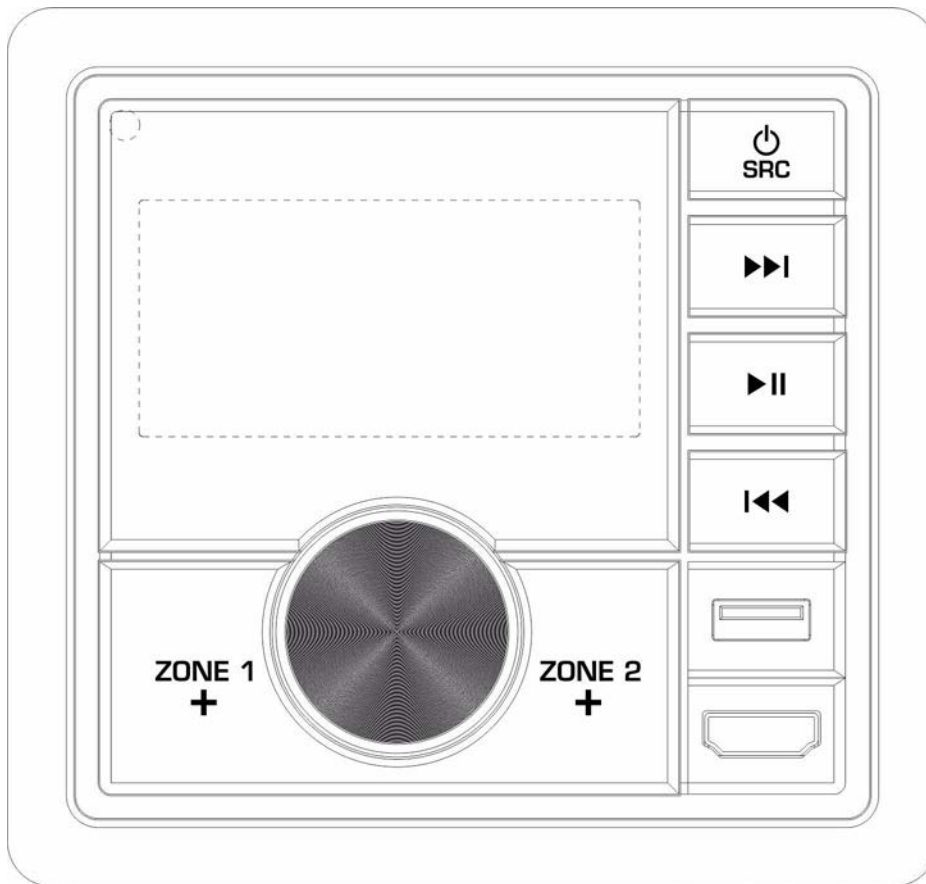


# iRV29 USER MANUAL

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## USB MEDIA **PLAYER**



Please read the instruction carefully before operating the unit.

# Installation

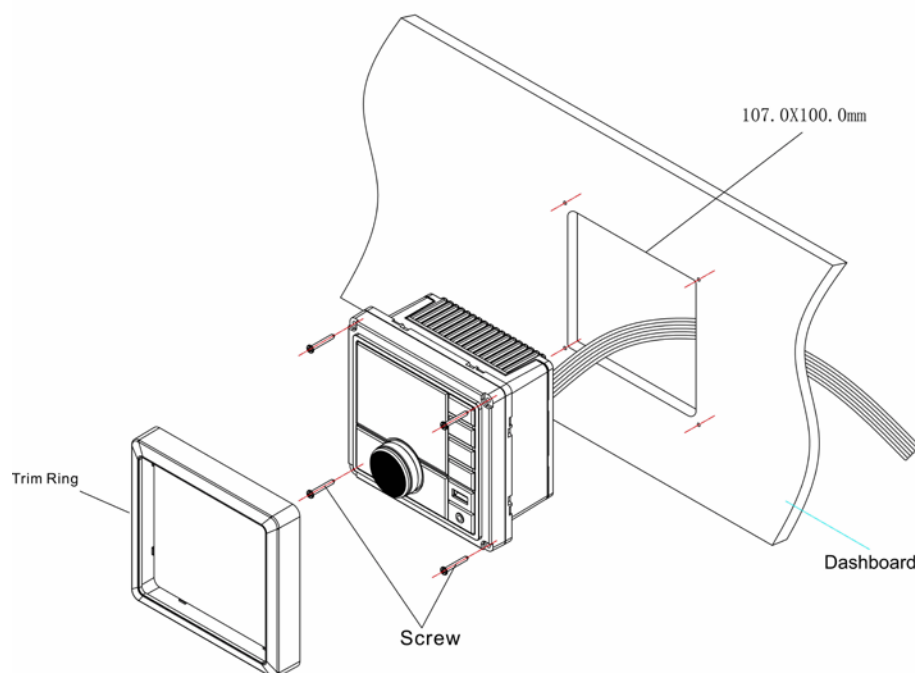
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## ATTENTIONS OF INSTALLATION

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.

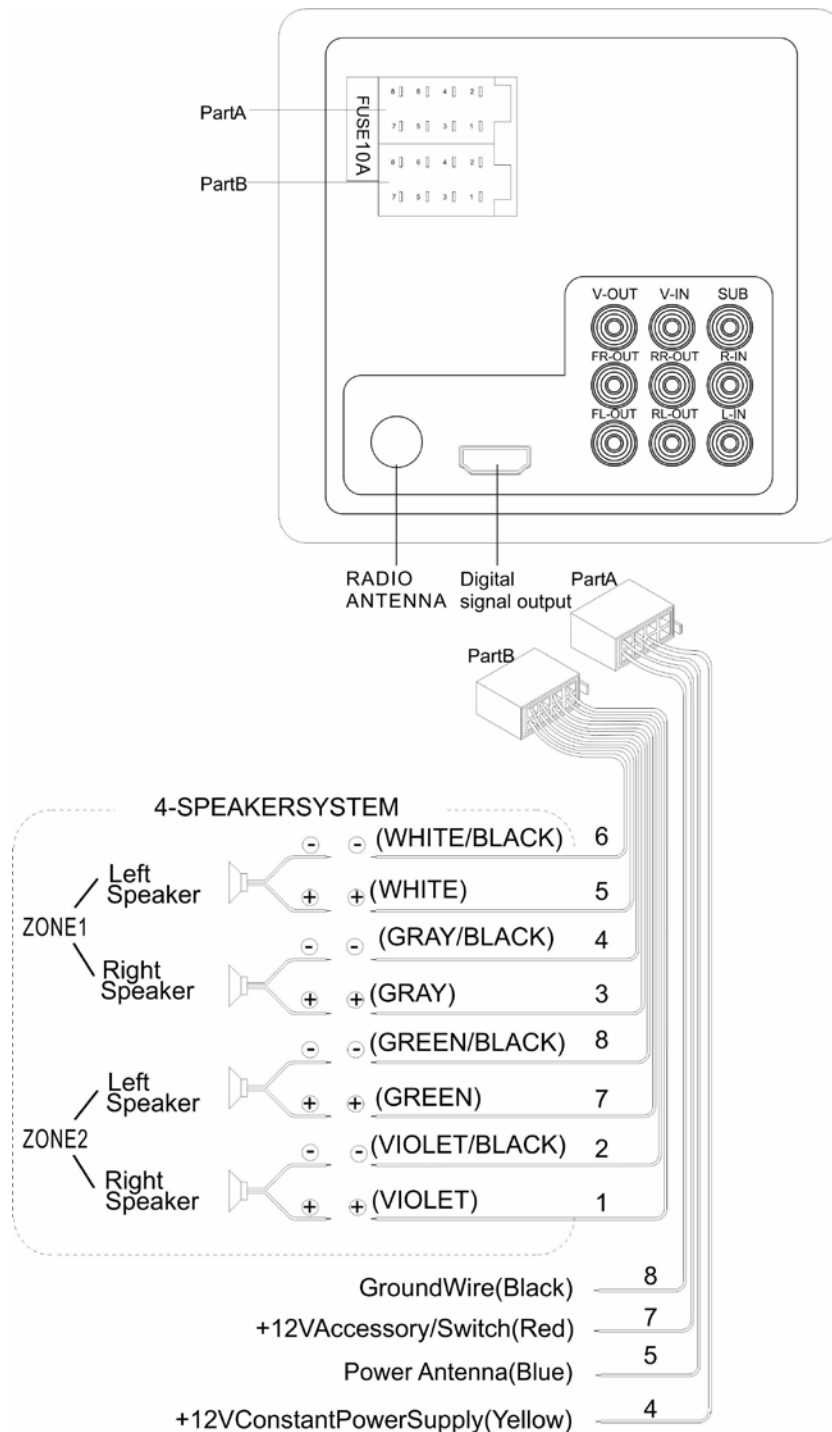
## INSTALL THE UNIT

### Mounting



# Installation

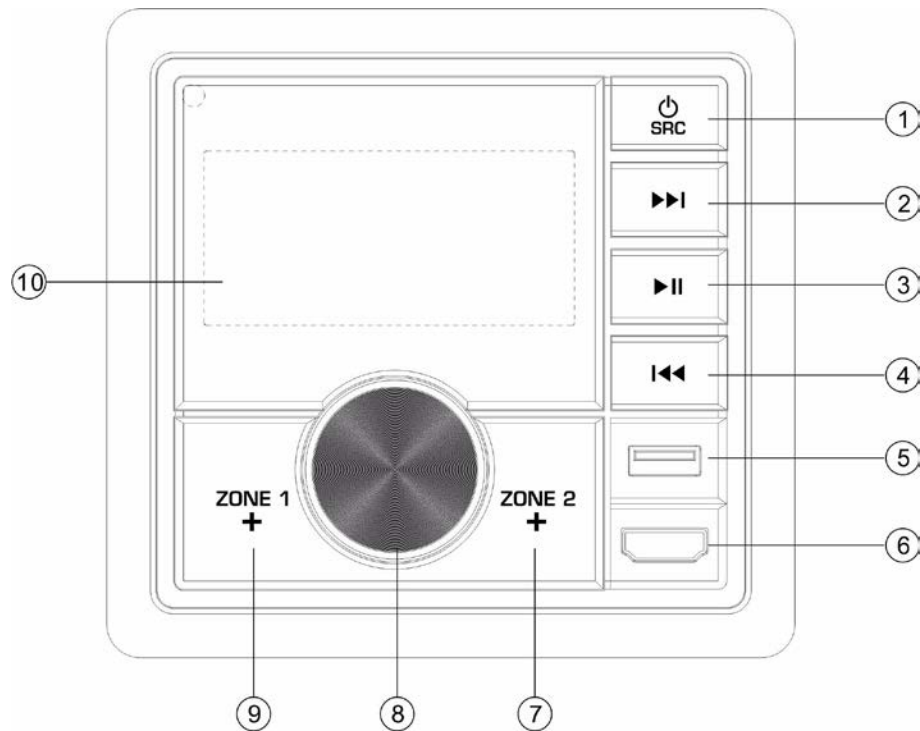
## WIRING CONNECTION



1. This player can only be used by the 12V DC cathode grounding electrical system.
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

## iRV29 LOCATION OF KEYS



- |                    |                          |
|--------------------|--------------------------|
| 1. POWER/SOURCE.   | 2. FAST FORWARD.         |
| 3. PLAY/PAUSE.     | 4. FAST REWIND.          |
| 5. USB PORT.       | 6. DIGITAL SIGNAL INPUT. |
| 7. ZONE 2+ ON/OFF. | 8. ROTARY VOL.           |
| 9. ZONE 1+ ON/OFF. | 10. LCD DISPLAY.         |


# KEY FUNCTION

KEYS	ACTION	RADIO	USB	AUX	BT
	Short	Power on/change source	Power on/change source	Power on/change source	Power on/change source
	Long	power off	power off	power off	power off
	Short	seek up	next file	/	next file
	Long	turn up	FF	reset (5 seconds)	/
	Short	seek down	previous file	/	previous file
	Long	turn down	FR	software version	/
	Short	Preset up	PLAY/PAUSE	/	PLAY/PAUSE
	Long	Manually save station	directory search	/	/
ZONE 1+	Short	zone 1 on/off	zone 1 on/off	zone 1 on/off	zone 1 on/off
	Long	/	/	/	/
ZONE 2+	Short	zone 2 on/off	zone 2 on/off	zone 2 on/off	zone 2 on/off
	Long	/	/	/	/
VOL KNOB	Rotary	volume up/down	volume up/down/ search:0-9999	volume up/down	volume up/down
BAND /SEL (PUSH VOL)	Short	FM1-FM2-FM3-AM1-AM2	file search	/	/
	Long	BASS-TRE-BAL-EQ - <b>LOUD</b> -BEEP-DX-STEREO-BT(off/link)	BASS-TRE-BAL-EQ- <b>LOUD</b> -BEEP-DX-STEREO-BT(off/link)	BASS-TRE-BAL-EQ - <b>LOUD</b> -BEEP-DX-STEREO -BT(off/link)	BASS-TRE-BAL-EQ- <b>LOUD</b> -BEEP-DX-STEREO- BT(off/link)

# OPERATION

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## Turn on/off the unit

Press /SRC button to turn on the unit. When the unit is on. Press and hold it for 2 seconds to turn off the unit.

## Sound and setting adjustment

Press and hold VOL(rotary) knob into the setting menu as below:

BASS-TRE-BAL –EQ-LOUD-BEEP-DX-STEREO-BT



In each item rotating the VOL knob to set them.

## ZONE1, 2 ON/OFF operation

Press ZONE 1(2) button to ON or OFF zone 1's sound. Press ZONE 1(2) button again to resume zone 1(2)'s sound.


## Radio Operation

### Receive a radio station

Press **SRC** button to select radio mode. Then press **BAND (VOL)** button to select desired band. Shortly press / button to receive the desired radio station. Press and hold / button for manual tuning the frequency.

### Saving Radio station to Memory


#### For panel operation:

Receiving a desired station. Press and hold the  button. It shows "SAVE CH1". Rotating VOL knob to select channel then press VOL knob. The station will be saved to the memory button.

#### For remote controller operation:

Receiving a desired station. Press and hold one of the 1- 6 preset button for 2 seconds. The current station is stored into the number button.





### Listening to Saved Radio Memory

Pressing the  button to scroll through the presets. Or shortly press the preset button (1~6) of the remote controller to directly listen to the station that saved in the corresponding preset button.


## USB Operation

When an USB driver inserted to the unit, the unit will play the MP3/WMA file automatically. If an USB drive 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.

### Directory+/- function

Press and hold  button. Then rotating VOL knob to select the desired folder. It will play

# OPERATION

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the first file of this folder.

## **Search song**

### **For panel operation:**

Press VOL knob. It shows NUM 0000. Rotating VOL to select the numbers then press VOL to play.

### **For remote controller operation:**

Press AMS button. It shows NUM 0000. Directly enter the number then press SEL button to play. The number as below: 1~6 button: 1~6. BAND button: 7. ◀◀ button: 8. ▶▶ button: 9. DISP button: 0.

## **Charging function**

Connecting your phone to the USB port for temporary charging.

## **AUX IN operation**

Connecting the signal to the R/L IN connector behind the unit. Then pressing SRC button to switch to AUX IN mode.

## **DIGITAL SIGNAL function**

The front DIGITAL SIGNAL connector is directly connected to the rear DIGITAL SIGNAL connector. So you don't need to operate the unit for HDMI function.

## **Video IN / Video OUT function**

There is a V IN and a V OUT connector behind the unit. The V IN connector is directly connected to the V OUT connector. So you don't need to operate the unit for AV IN/OUT function.

## **Bluetooth Operation**

### **Pairing**

On mobile phone, select the Bluetooth item searching the Bluetooth device. "iRV" should appear in the list, select "iRV" and then input password "0000" If it needs a password. When successful paired, the BT mark will be displayed on LCD.

### **Bluetooth Audio**

Press "SRC" button to switch to BT MUSIC mode. It will play a song of your mobile phone automatically. Press ▶|| key to pause/play the song. Press ▶▶/◀◀ button to select next/previous song.

### **Disconnect the Bluetooth**

When the mobile phone paired with the unit. If you want to disconnect the Bluetooth. In BT(off/link) item of the menu. Set it to off. You can disconnect the Bluetooth. Set it to on it can connect the Bluetooth again.






**Other operation please reference the Key functions table above.**

# REMOTE CONTROL

## REMOTE CONTROL




## REMOTE CONTROL KEY FUNCTIONS

KEYS	ACTION	RADIO	USB	AUX	BT
	Short	power on/off	power on/off	power on/off	power on/off
	Long	/	/	/	/
 ZONE1	Short	mute on/off for zone 1	mute on/off for zone 1	mute on/off for zone 1	mute on/off for zone 1
	Long	/	/	/	/
 ZONE2	Short	mute on/off for zone 2	mute on/off for zone 2	mute on/off for zone 2	mute on/off for zone 2
	Long	/	/	/	/
MODE	Short	source change	source change	source change	source change
	Long	/	/	/	/
BAND	Short	band change	Search:7	/	/
	Long	/	/	/	/
AMS	Short	preset scan	search song	/	/
	Long	auto store	/	/	/
VOL+	Short	volume up	volume up	volume up	volume up
	Long	volume up fast	volume up fast	volume up fast	volume up fast
VOL-	Short	volume down	volume down	volume down	volume down
	Long	volume down fast	volume down fast	volume down fast	volume down fast
	Short	seek down	previous file/Search:8	/	previous file
	Long	turn down	fast reverse	version	/
	Short	seek up	next file/Search:9	/	next file
	Long	turn up	fast forward	reset	/



# REMOTE CONTROL

SEL	Short	BASS-TRE-BAL-EQ-LOUD-BEEP-DX-ST-BT(off/link)	BASS-TRE-BAL-EQ-LOUD-BEEP-DX-ST-BT(off/link)/Search: Enter	BASS-TRE-BAL-EQ-LOUD-BEEP-DX-ST-BT(off/link)	BASS-TRE-BAL-EQ-LOUD-BEEP-DX-ST-BT(off/link)
	Long	/	/	/	/
EQ	Short	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF
	Long	LOUD ON/OFF	LOUD ON/OFF	LOUD ON/OFF	LOUD ON/OFF
DISP	Short	clock	Show ID3 info/Show play time/search:0	clock	clock
	Long	clock setting	Clock/clock setting	clock setting	clock setting
	Short	listen to M1's station.	play/pause/Search:1	/	/
	Long	storing station to M1	/	/	/
2/INT	Short	listen to M2's station.	INT ON/OFF/Search:2	/	/
	Long	storing station to M2	/	/	/
3/RPT	Short	listen to M3's station.	RPT ONE/RPT FLOD/RPT ALL/Search:3	/	/
	Long	storing station to M3	/	/	/
4/RDM	Short	listen to M4's station.	RDM ON/OFF/Search:4	/	/
	Long	storing station to M4	/	/	/
5/-10/D IR-	Short	listen to M5's station.	previous directory/Search:5	/	/
	Long	storing station to M5	-10	/	/
6/+10/D IR+	Short	listen to M6's station.	next directory/Search:6	/	/
	Long	storing station to M6	+10	/	/

# TROUBLE SHOOTING

## GENERAL

Power Supply Requirements	: DC 12 Volts, Negative Ground
Chassis Dimensions	: 123(W) x 116(D) x 65(H)
Tone Controls	
- Bass (at 100 Hz)	: $\pm 10$ dB
- Treble (at 10 kHz)	: $\pm 10$ dB
Maximum Output Power	: 4 x 40 watts
Current Drain	: 10 Ampere (max.)

## RADIO

## FM

## AM

Frequency Coverage	87.5 to 108 MHz	520 to 1710 kHz
IF	10.7 MHz	450 KHz
Sensitivity	4 $\mu$ V(S/N=30dB)	36dBuV(S/N=20dB)
Stereo Separation	>25dB	/

## 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.