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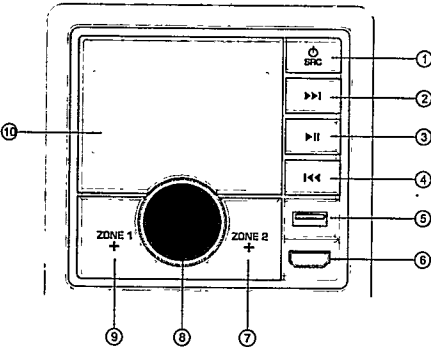
1. POWER/SOURCE.
2. FAST FORWARD.
3. PLAY/PAUSE.
4. FAST REWIND.
5. USB PORT.
6. DIGITAL SIGNAL INPUT.
7. ZONE 2.
8. ROTARY VOL.
9. ZONE 1 .
10. LCD DISPLAY.

OPERATION

KEYS	ACTION	RADIO	USB	AUX	BT
⏻ SRC	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
▶▶I	Short	seek up	next file	/	next file
	Long	turn up	FF	reset（5 seconds）	/
I◀◀	Short	seek down	previous file	/	previous file
	Long	turn down	FR	software version	/
▶II	Short	Preset up	PLAY/PAUSE	/	PLAY/PAUSE
	Long	Manually save station	directory search	/	/
ZONE 1/CLOCK	Short	zone 1 on/off	zone 1 on/off	zone 1 on/off	zone 1 on/off
	Long	Show clock	Show clock	Show clock	Show clock
ZONE 2/ALARM	Short	zone 2 on/off	zone 2 on/off	zone 2 on/off	zone 2 on/off
	Long	Alarm on/off	Alarm on/off	Alarm on/off	Alarm on/off
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-CLK SET-ALARM SET-EQ–LOUD-BEEP-DX-STEREO-BT(off/ link)	BASS-TRE-BAL-CLK SET-ALARM SET-EQ–LOUD-BEEP-DX-STEREO-BT(off/ link)	BASS-TRE-BAL-CLK SET-ALARM SET-EQ–LOUD-BEEP-DX-STEREO-BT(off/ link)	BASS-TRE-BAL-CLK SET-ALARM SET-EQ–LOUD-BEEP-DX-STEREO-BT(off/ link)

OPERATION

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 –CLK SET-ALARM SET-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.

CLOCK function
Press and hold ZONE 1 button to show the clock.

CLOCK setting
Press and hold VOL knob into the menu. Then shortly press VOL knob to the CLK SET item. Wait for a while the HH will flashing. Rotating VOL knob to set the HOUR. Shortly press VOL knob the MM will flashing. Rotating VOL knob to set the MINUTE. Then press VOL to confirm.

ALARM function
Press and hold ZONE 2 button to on/off the alarm function.

ALARM time setting
First, press and hold ZONE 2 button to turn on the alarm function. Then press and hold VOL knob into the menu. Shortly press VOL knob to the ALARM SET item. Wait for a while the HH will flashing. Rotating VOL knob to set the HOUR. Shortly press VOL knob the MM will flashing. Rotating VOL knob to set the MINUTE. Then press VOL to confirm.

Stop the ALARM output
When the time running to the alarm time. It will output a beep sound. The beep sound stops until a key pressed.

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.

OPERATION

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 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 connecter 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 connecter 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

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 ▶II key to pause/play the song. Press ▶▶I/I◄◄ button to select next/previous song.
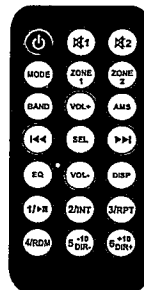
Disconnect the Bluetooth
When the mobile phone paired with the unit. If you want to disconnect the Bluetooth. In BT(off/link) item of the menu. Set it to off. You can disconnect the Bluetooth. Set it to on it can connect the Bluetooth again.

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	clock	clock	clock	clock
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	Alarm on/off	Alarm on/off	Alarm on/off	Alarm on/off
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
I◄◄	Short	seek down	previous file/Search:8	/	previous file
	Long	turn down	fast reverse	version	/
▶▶I	Short	seek up	next file/Search:9	/	next file

REMOTE CONTROL

		turn up	fast forward	reset	/
SEL	Long				
	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)
EQ	Long	/	/	/	/
	Short	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF	CLASS-ROCK-POP-FLAT-OFF
DISP	Long	LOUD ON/OFF	LOUD ON/OFF	LOUD ON/OFF	LOUD ON/OFF
	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/DIR-	Short	listen to M5's station.	previous directory/Search:5	/	/
	Long	storing station to M5	-10	/	/
6/+10/DIR+	Short	listen to M6's station.	next directory/Search:6	/	/
	Long	storing station to M6	+10	/	/

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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) : ± 10 dB
-   Treble (at 10 kHz) : ± 10 dB
Maximum Output Power : 4 x 40 watts
Current Drain : 10 Ampere (max.)

RADIO	FM	AM
Frequency Coverage	87.5 to 107.9 MHz	530 to 1710 kHz
IF	10.7 MHz	450 KHz
Sensitivity	4µV(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.

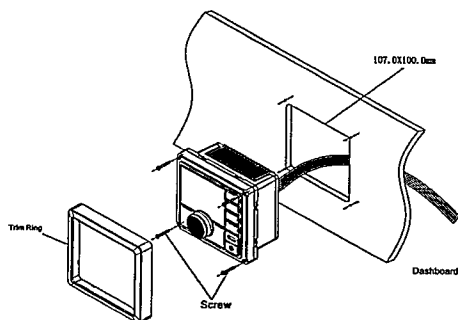| Symptom	Cause	Solution
No power.	The car ignition switch is not on.	If the power supply is connected to the car accessory circuits, but the engine is not moving, switch the ignition key to "ACC".
	The fuse is blown.	Replace the fuse.
No sound.	Volume is in minimum	Adjust volume to a desired level.
	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.

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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.
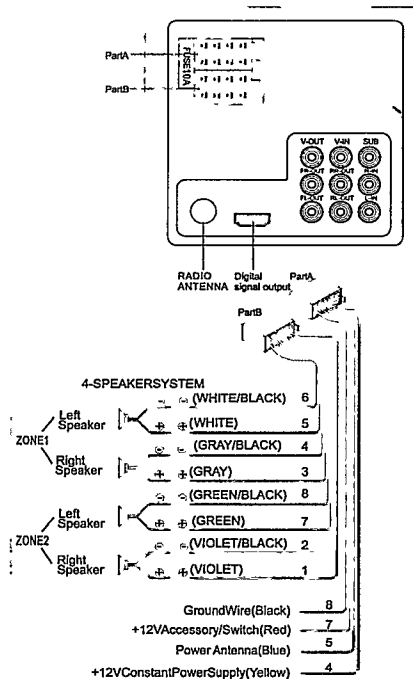
INSTALL THE UNIT

Mounting

2

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.

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