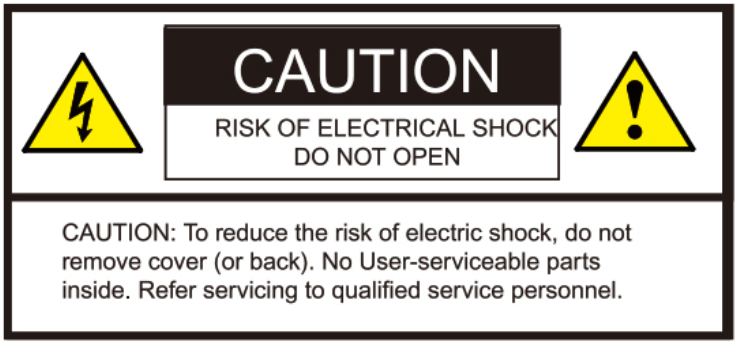
Manuals+ — User Manuals Simplified.

iRV Technologies IRV63 Digital 2/1 Surround Sound Optical SPDIF Audio Input User Manual

iRV Technologies
Operation Manual
AM/FM/CD/DVD/MP3/MP4
Digital 2.1 surround sound-Optical SPDIF Audio Input

IRV 63



WARNING – To reduce the risk of electrical shock, do not remove cover (or open unit). NO USER-SERVICEABLE parts are inside. Refer servicing to QUALIFIED SERVICE PERSONNEL.
The design and manufacture of this player take personal safety into consideration. However, any improper operation may result in electric shock, fire, or another hazard.
DO NOT open the cabinet by yourself to prevent electric shock. Please contact a professional technician to perform any service needed. Please use only components recommended by the factory when replacement is necessary.
Please turn the unit off when not in use. Use a dry, soft cloth to clean the face with the system turned off.
PRECAUTION – Moisture may cause the lens on the loader in this unit to malfunction. To remedy the problem, turn the unit on, eject the disc and run 1-2 hours to vaporize moisture inside the unit. Do not repeatedly turn the unit off and on. After turning the unit off wait 10 seconds before turning it on again. Do not use broken, scratched, or twisted discs in the player. This could result in damage to the unit. Use only 5°, 12cm discs in this unit.

IRV 63 Technologies
CD/MP3/MP4/DVD Disc Player
Compatible with standard size CD, MP3, MP4, and DVD discs (4.75″ or 12cm). The iRV63 is designed to read standard DVD, MP3, MP4, CD, CD-R, CD-RW, JPEG-CD Disc. Because of variations in recording methods some discs may not play on this unit. This unit will play region 1 DVDs (USA and Canada).

5V Charge
This is NOT a USB port and CANNOT accept a flash drive for music playback. Only uses one 5V charging, also charges many devices like iPod

Built-In AM/FM Tuner
18 preset FM stations and 12AM stations available to select.

High Definition Input
1 High Definition input and 1 High Definition output. High Definition output with ARC function.

BT
This unit contains BT technology enabling secure, wireless connections between portable and fixed devices
This unit contains a BT link that also enables handheld control of streaming music from users' wireless device playlists.
This unit supplies quality high-power audio and video outputs to three different zones. Zone 1 receives 2.1 digital surround sound. Zone 2 and 3 receive standard stereo audio.

This unit has 1 Video Input,1 Video Output,1 Audio input to allow users to enjoy entertainment from other sources such as Satellite Radio, VCRs, Digital Cameras, Video Games for iPods, and MP3 Players.

These sources must be connected through the inputs on the unit or through additional accessory wall plates.

Clock
Press this to see the time. This unit has a built-in clock that can display the time in any mode when the clock button is pressed. Press and hold the clock button the unit enters clock set mode.

Consumer Electronics Control
This unit has consumer electronics control features, functions will vary be based on a TV connection.
It allows users to use a remote control multiple support high-definition equipment, no need to use other remote controls.

Near Field Communication
This unit has near-field communication liable and can complete a quick BT pairing.

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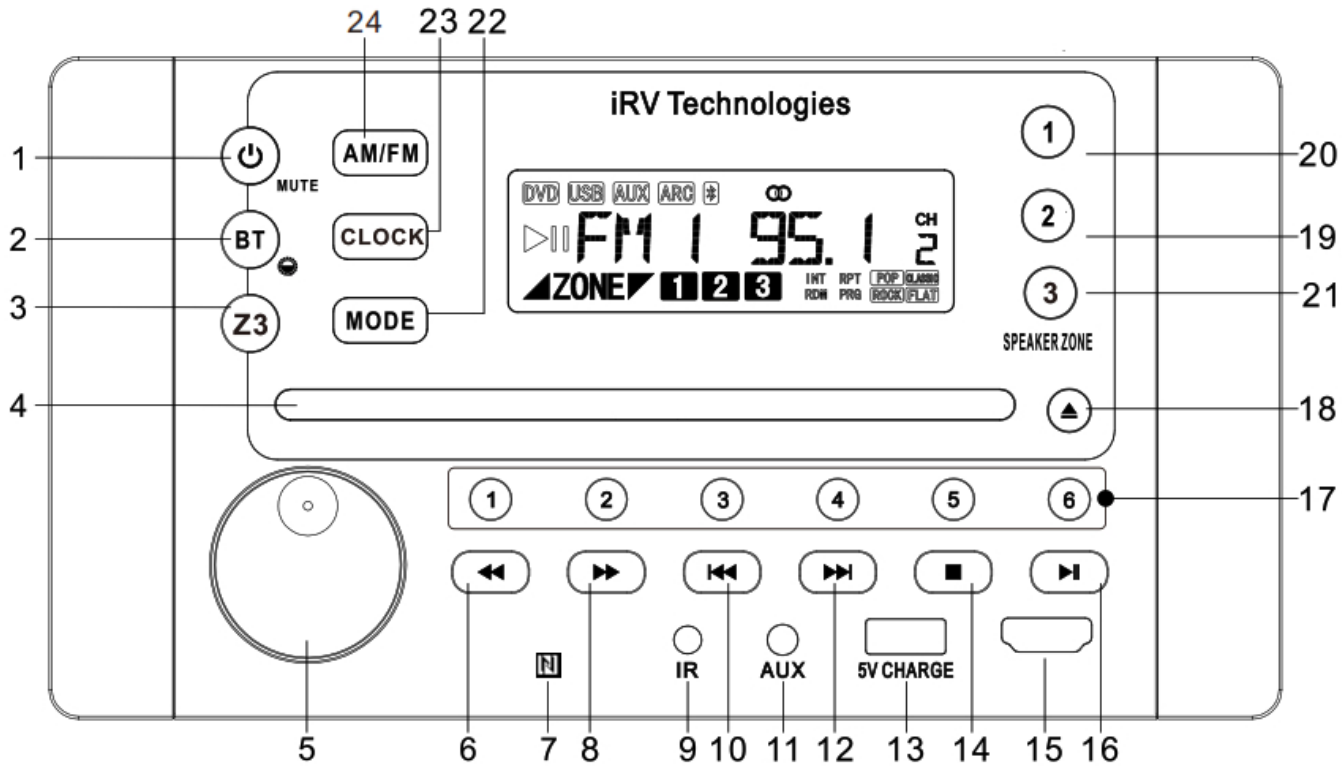
IRV63 FEATURES



1. POWER

   Turns the power on and off and makes the device mute.

   Note: Push and hold the POWER button for 5 seconds to make the device on/off.

   Quick Push can make the device mute.

2. **BTI**

   Quick push this to enable BT connectivity. Push and Hold to adjust 3 levels brightness for LCD and button

backlight.

3. Z3 button

   Quick push 23 buttons to enter into Z3 independent state.

   In this state, quick push Z3 to enter into Z3 operation menu. Push and hold Z3 button to exit from Z3 independent state.

4. CD/MP3/MP4/DVD Disc loading slot

   Insert a disc to play. Compatible with standard size CD, MP3, Mp4, and DVD discs (4 75 or 12cm). The unit is designed to read standard CD, MP3, MP4, DVD, DVD+R, DVD-R Disc. Because of variations in recording methods some discs may not play on this unit. This unit will play region 1 DVDs (USA and Canada).

5. VOLUME

   Increase or decrease the volume In all rooms where sound Is being played, also can operate subwoofer, bass, treble, and balance.

6. /8 F RWD buttons ◀◀ ▶▶

   Radio Mode: Press to auto scan and memorize band preset stations. Scan through all lower preset stations.

   Disc Mode: Select different levels of fast reverse.

7. Near Field Communication

   This unit has near field communication Table and can complete a quick BT pairing.

8. IR

   Infrared remote sensor.

9. /12 PREV and NEXT buttons ⏮ ⏭

   Radio Mode: Press to select next frequency, higher or lower. DVD Mode: Moves menu selection.

10. AUDIO IN

    Analog audio input from Mp3 or iPod player, This is a 3.5mm input.

11. 5V Charge

    This is NOT a 1)88 port and CANNOT accept a flash drive for music playback. Only uses one 5V charging, also charges many devices like (Pod.

12. STOP ■

    Press to stop playback of the disc. Press Play to continue the playback.

13. High Definition Input

    1 High Definition Input and 1 High Definition output.High Definition output with ARC function.

14. PLAY/PAUSE ⏯

    Press to play disc or pause playback of the disc. During radio mode: (Auto-storage /Preset scan).

    1) When the press, the radio searches from the current frequency and cheeks the signal strength level until 8 stations is found.

    And then the 8 stations frequency is preset to the corresponding preset memory numbered bank. When press and hold for more than 1second.The auto-storage operation Is Implemented In each selected band. When the auto-storage operation is finished, the radio executes the Preset scan.

15. 1-6 Number buttons

    [1].(2)….(6) number buttons are used to enter number,e.g.No.of track, DVD chapter No., time data, etc.

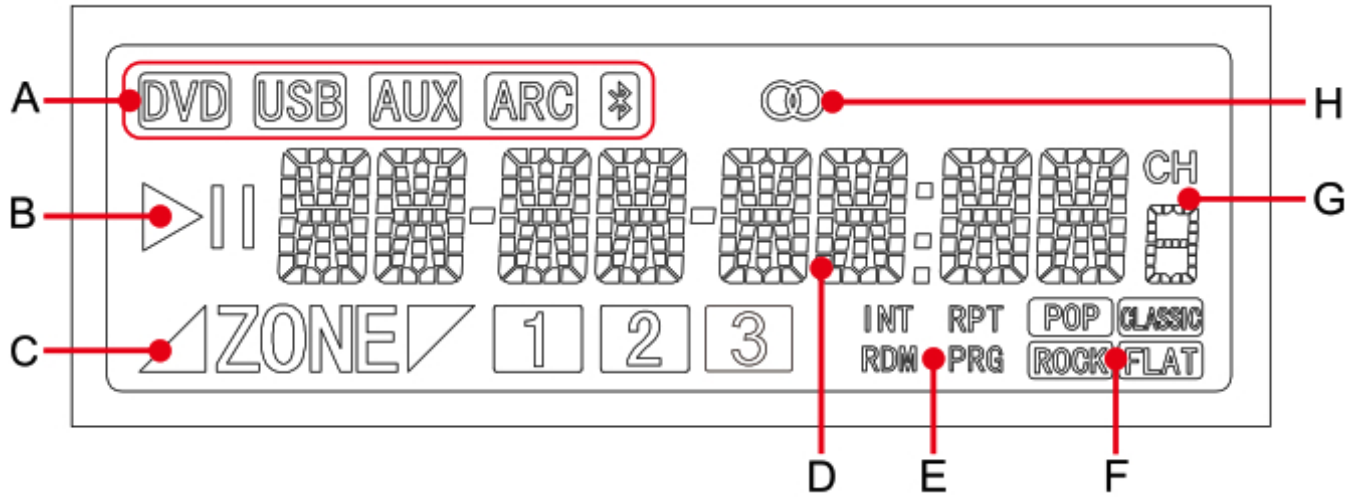
16. EJECT ⏏

    Press to eject a Disc from your iRV63 built-in player.

17. -21 SPEAKERS 1-2-3 Turns sound on or off in corresponding ZONE 1,2 and 3.

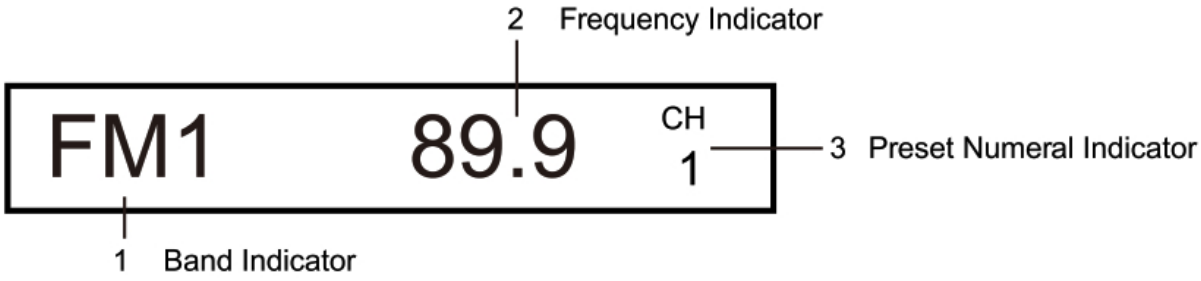
18. MODE Select between TV audio/FR-audio/F-HDMI IN/TV audio 2.

19. CLOCK Press this to see the time. This unit has a built-in clock that can display the time in any mode when the clock button is pressed. Press and hold the clock button the unit enters clock set mode.
20. AM/FM Allows you to select FM1, FM2, FM3, AM1, or AM2. Each band can be auto programmed with 6 stations presets. 18 total preset stations for FM and 12 total preset stations for AM. (See FFWD or FRWD Radio Mode for auto-scan features.)



A Status information B Play/pause C Zone speaker D Source, Track time, Frequency information Displa y	E Play mode F EQ setting G Radio channels preset H Stereo indicator

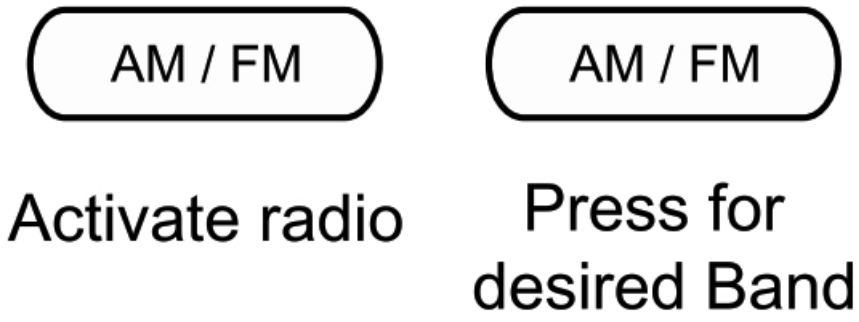
RADIO OPERATION



Turns the power on and off. Make the device mute **POWER**

Push and hold for power “on and off” Quick push for power ‘mute”

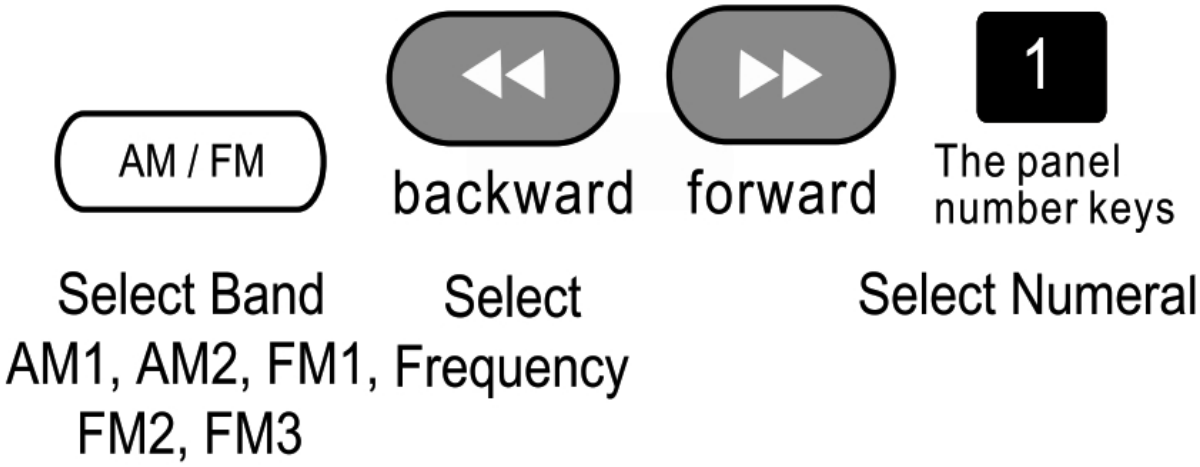
Radio Reception Mode
Press to access the radio.press to activate desired band:AM1,AM2,FM1,FM2,FM3.



Manual Tuning
Select Band, Select a single arrowed button to move the channel down or up.

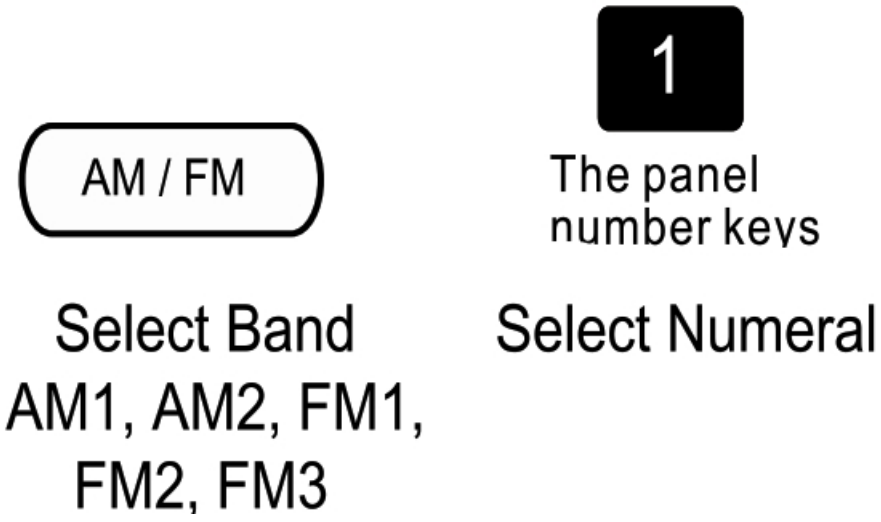
Auto-Search Tuning
Push to auto search for an available station at a higher or lower frequency When this function is selected the unit will stay at the selected station until another function is selected.

Manual Frequency Presets
Select Band, Select desired frequency, Hold desired numeral for3 seconds.
Frequency is set Repeat to change Frequency can be presetforAM1. AM2, FM1, FM2, FM3.

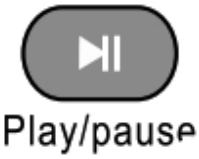


Recall Frequency Presets

Select Band AM1, AM2, FM1, FM2, FM3, then select desired numeral



Automatic Store I Preset Scan

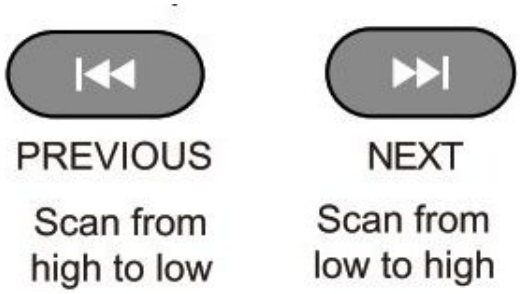


A. Automatic Scan & Store While listening to the Radio, Long press the " ⏯ " button, The receiver will automatically scan and save the station listening to. B. Scan Saved Stations Short press the " ⏯" button once to perform the scanning functions.

Auto Best Station Memory

AM / FM	AM / FM
Active radio PREVIEW frequencies	Press for the desired Band FM1

While in FM1 if you press the NEXT button the radio will start scanning from low to high frequencies.,or button the radio will start scanning from high to low Each strong station found will be stored in a preset button until all 18 FM presets are full. You can also do this with the AM band There are 12 presets available for the AM band.



Clock Setting the time

HOURS	
CLOCK	VOLUME
Press for 3 seconds Hours will flash	Use the VOLUME KNOB to set correct hour

Press and hold the CLOCK button for 3 seconds. Hour will flash. Use the SELECT VOLUME KNOB to set the correct hour. Press VOLUME button moves to minutes. Minutes will flash. Use the VOLUME KNOB to set correct minutes Press the CLOCK button to memorize

MINUTES		
VOLUME	VOLUME	
Press VOLUME to minute	Use the VOLUME KNOB to set correct minute	

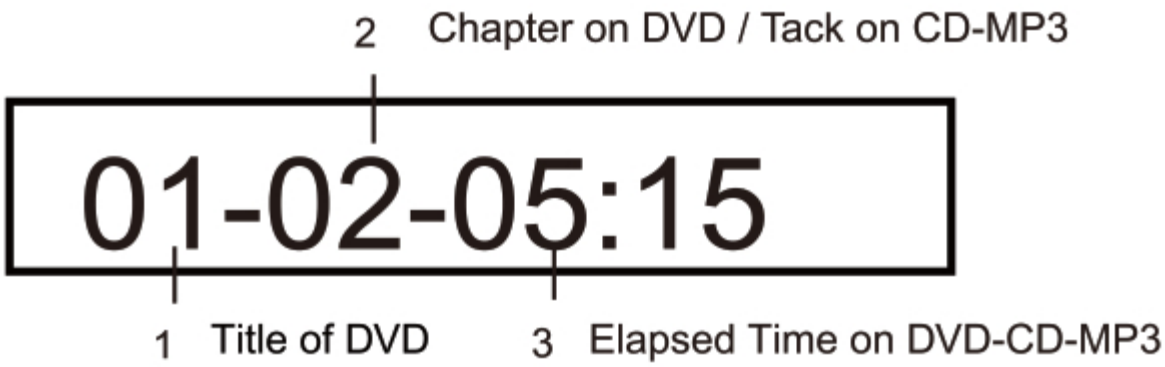
BT

BT Link

Connect iRV63 with a BT device

Turn on iRV63 power, enter BT Link in your cell.Search ‘iRV63’ BT ,then click connect. It’s successful to connect iRV63 BT if iRV63 screen shows BT LINK

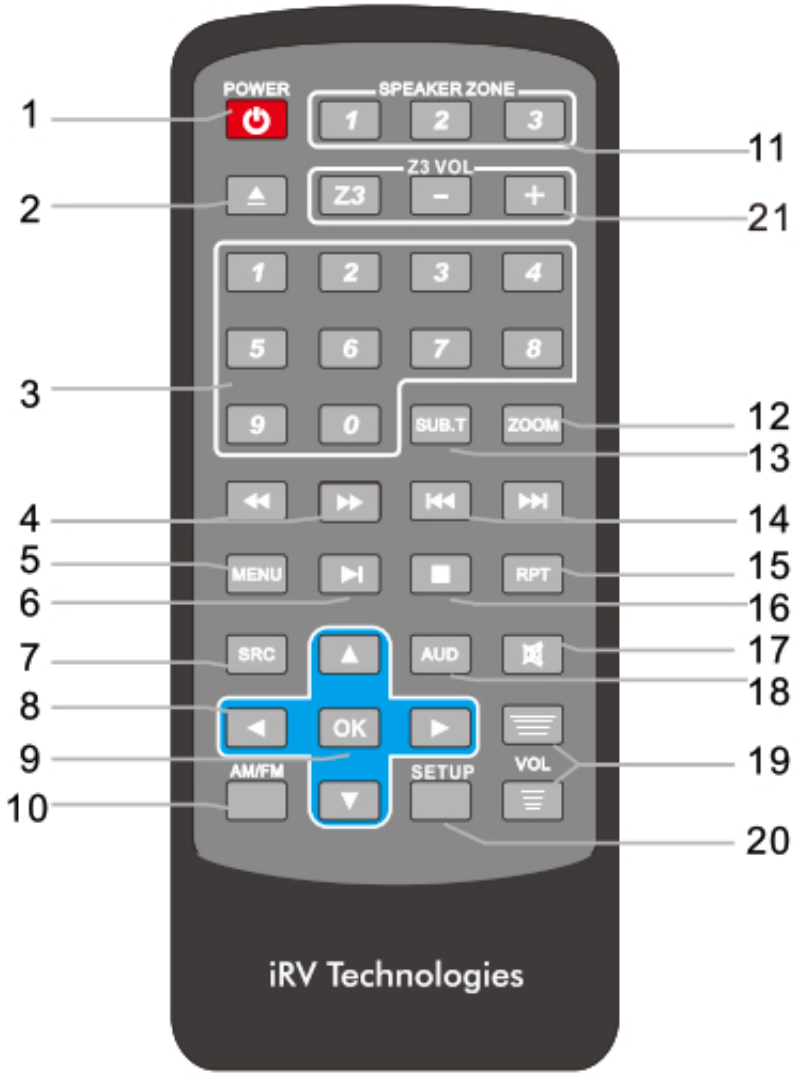
DVD/CD/MP3/MP4 OPERATION



Fast Reverse / Fast Forward	F RWD	F FWD
2X, 4X, 8X, 20X To select a normal speed, push the PLAY button.	Push the Fast Rewiind button to rewind DVD	Push the Fast Forward button to advance the DVD

Previous / Next	PREVIOUS	NEXT
Select previous or next track.		

REMOTE CONTROL Guide



1. **Power**

   Turn the power on/off and make the device mute.

2. **Eject**

   Push the button once, the disc will be ejected from the slot, press it again and the disc will be taken back into the slot.

3. **0-9 NUMBERS**

   Radio Mode: You can select one of the 9 stored stations on each band by pressing any one of the number buttons(1-9).

   Disc Mode: You can select any track directly by using the number buttons(0-10+). Example: If you want to track number 25. Consecutively press the number 2, then 5, and track number 25 will begin to play.

4. **FAST REVERSE** / **FORWARD**

   Press to select different levels of Fast Reverse or Fast Forward. Press Play to resume selection.

5. **MENU**

   DISC only. for DVD title menu and root menu.

6. **PLAY** / **PAUSE**

   Press the PLAY/PAUSE button to suspend the playback of CD, MP3, MP4, VCD, and DVD media. Press it again to return to normal playback mode.

7. **SRC**

   Select between Radio/DVD/BT/TV audio/FR-audio/F-HDMI IN/TV audio 2.

8. **NAVIGAION BUTTONS**

   Press the appropriate button to move around any menus that are selected on the screen. The Center button is the select / enter button.

9. **0K**

   Use to finalize the selection.

10. **AM**/**FM**

    Allows you to select FM1, FM2, FM3, AM1, or AM2. Each band can be auto programmed with 6 stations presets. 18 total preset stations for FM and 12 total preset stations for AM. (See FFWD or FRWD Radio Mode for auto-scan features

11. **ZONE1,2,3**

    Turns sound on or off in the corresponding ZONE 1,2 and 3.

12. **ZOOM – DVD Only**

    DVD, VCD: Press the ZOOM button once to enable 2X zoom mode. Pressing the ZOOM button repeatedly moves the zoom mode through 3X, 4X, 1/2X, 1/3X, and 1/4X zoom levels. Press ZOOM again to exit the zoom mode.

    REMOTE CONTROL Guide

13. **SUBTITLE(SUB-T) – DVD Only**

    Returns to previously selected tracks. Press to select language or to turn off subtitles. Press and hold for 3 seconds to return to the previous chapter.

14. **PREVIOUS** / **NEXT**

    Radio Mode: Press to select higher or lower stations. Disc Mode: Press to select the previous or next track or chapter. Pushing the Previous button. the unit will play the disc from the beginning of the previous track. Pushing the Next button, the unit will play the disc from the beginning of the next track.

15. **REPEAT**

    DVD Mode: Press REPEAT to repeat the current track being played. Press it twice to repeat playing all of the tracks. CD, M P3, VCD Mode: Press REPEAT to repeat the current track being played. Press it twice to cancel

the repeat function.

16. **STOP**
    DVD, VCD, CD: Press STOP to suspend playback mode, STOP will display on the TV Screen. Pressing STOP a second time will end all disc playback.
17. **MUTE**
    Press the MUTE button to turn off the sound in all ZONE 1, 2 and 3. Press it again to resume the previous sound levels.
18. **AUDIO – DVD Only**
    Adjusts the surround sound mode as well as selects the language. Must be set before play.
19. **VOLUME**
    Press the VOLUME (+ or -) button to increase or decrease the volume level respectively.
20. **SETUP**
    Press for DVD setup menu, Menu navigation screens will appear on Video Monitor.
21. **Z3 BUTTON**
    Quick push the Z3 button to enter into Z3 independent state. In this state, quick push Z3 to enter into Z3 operation menu. Push and hold Z3 butt onto the exit from Z3 independent state.

APP OPERATION

On Your iPhone or iPad:

- Click on ‘App Store’
- Click ‘Search’ at the bottom of the screen
- In the search bar, type iRV
- If using iPad, make sure to click the ‘iPhone apps option

On Your Android Device:

- Click on ‘Google Play
- In the search bar, type iRV at the top of the screen

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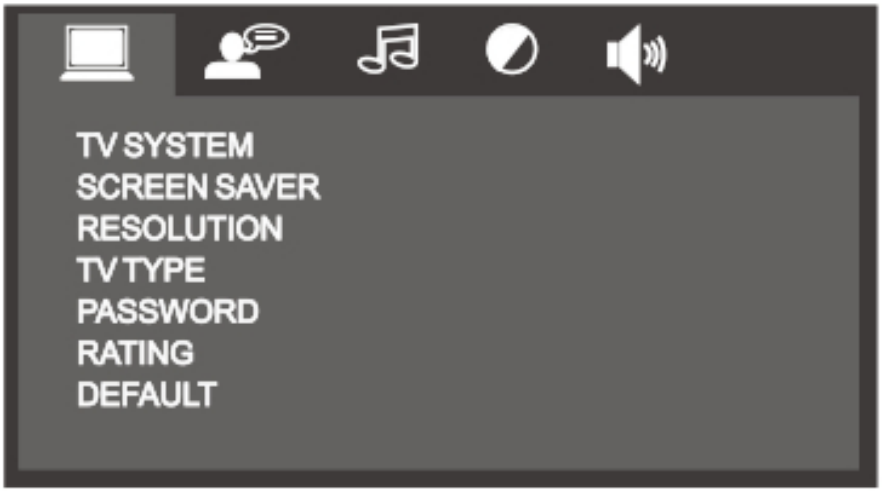
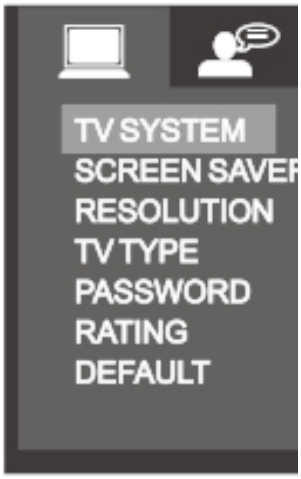
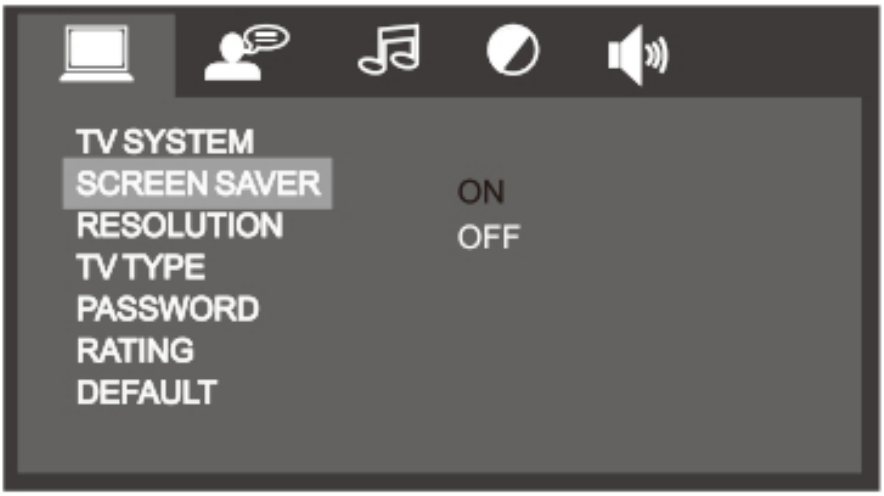
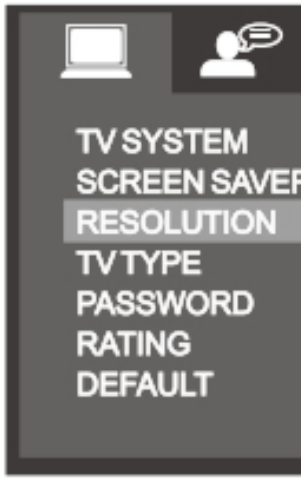
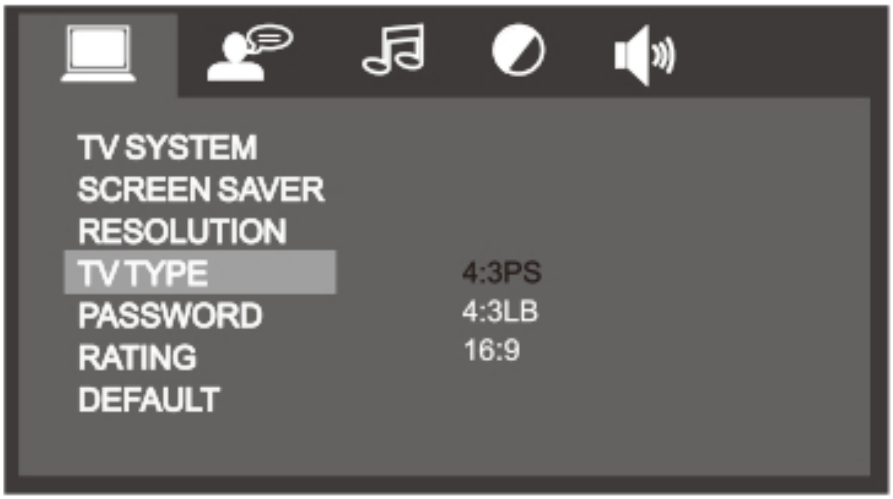
SYSTEM SETUP



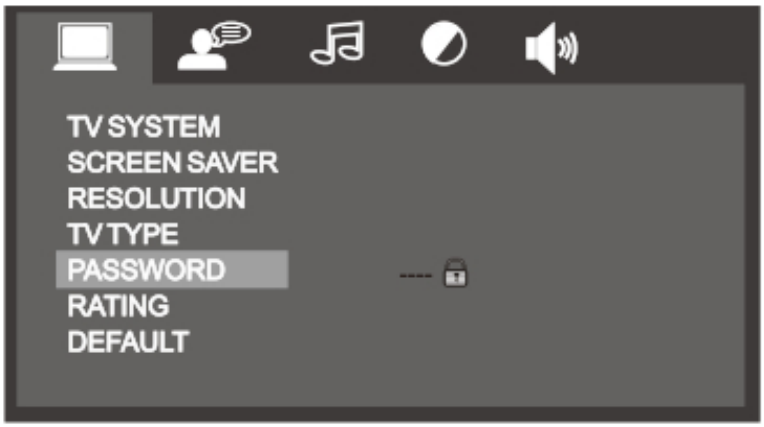


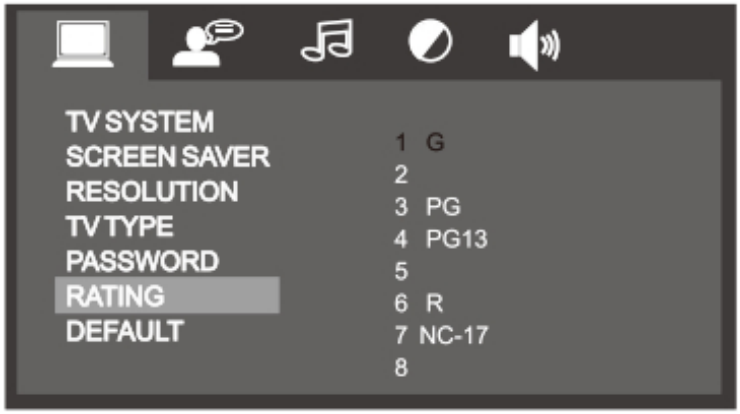


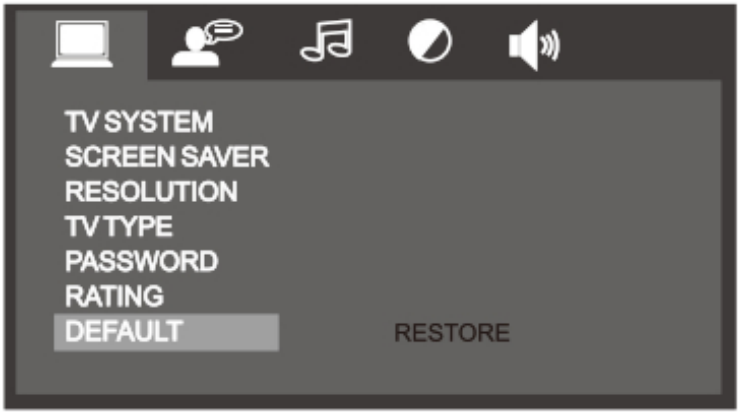




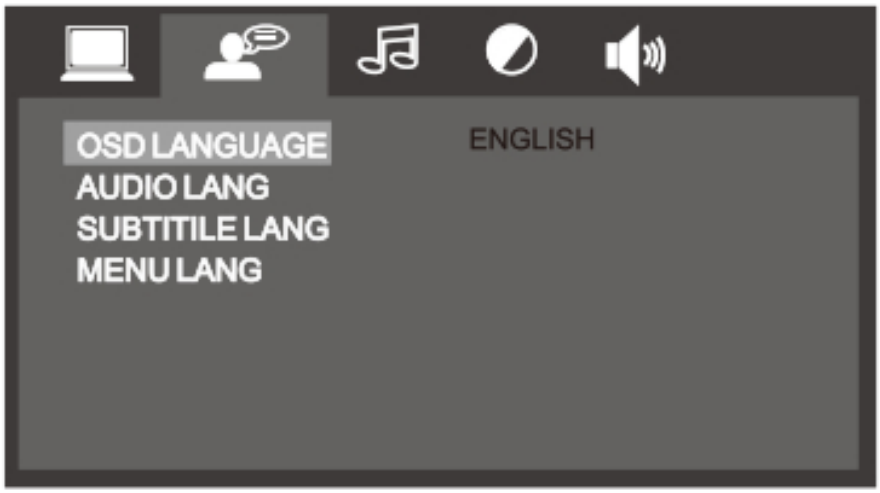
Press the “SETUP” button to activate the System Setup on-screen display Video Monitor Only menu.
Use the NAVIGATION buttons to navigate the following OSD menu options.



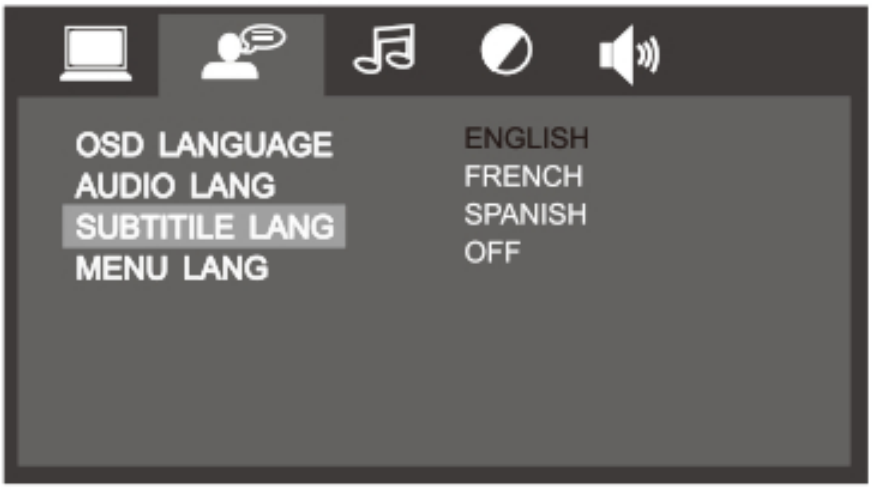




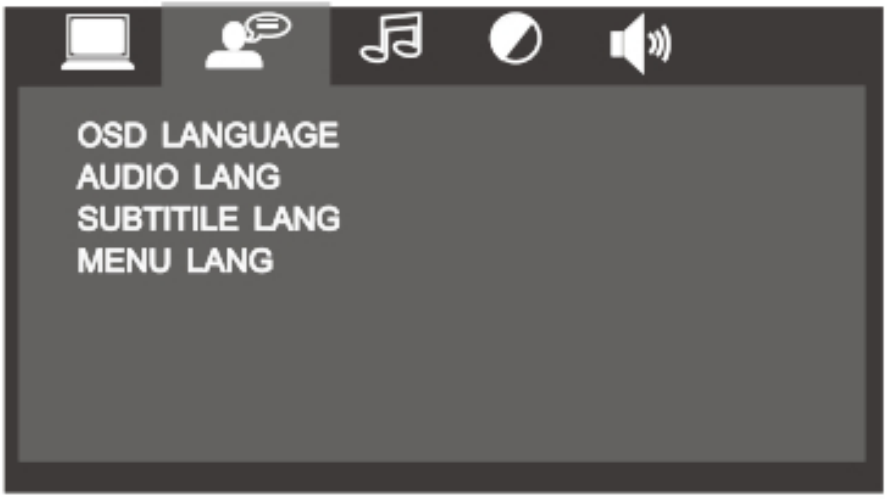
LANGUAGE SETUP


OSD LANGUAGE
AUDIO LANG
SUBTITILE LANG
MENU LANG
ENGLISH

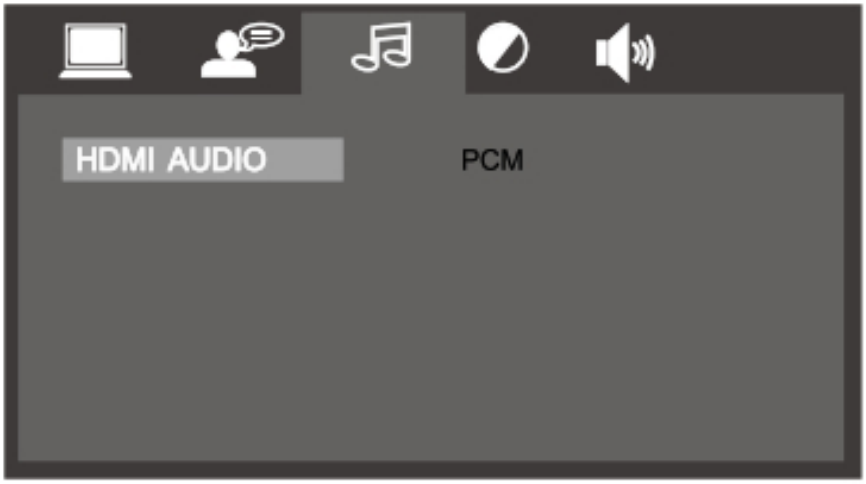
OSD LANGUAGE
AUDIO LANG
SUBTITILE LANG
MENU LANG


OSD LANGUAGE
AUDIO LANG
SUBTITILE LANG
MENU LANG
ENGLISH
FRENCH
SPANISH
OFF

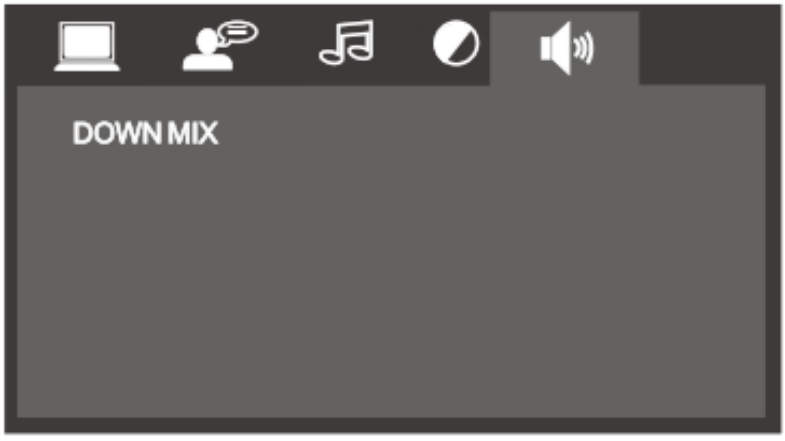
OSD LANGUAG
AUDIO LANG
SUBTITILE LAN
MENU LANG


OSD LANGUAGE
AUDIO LANG
SUBTITILE LANG
MENU LANG

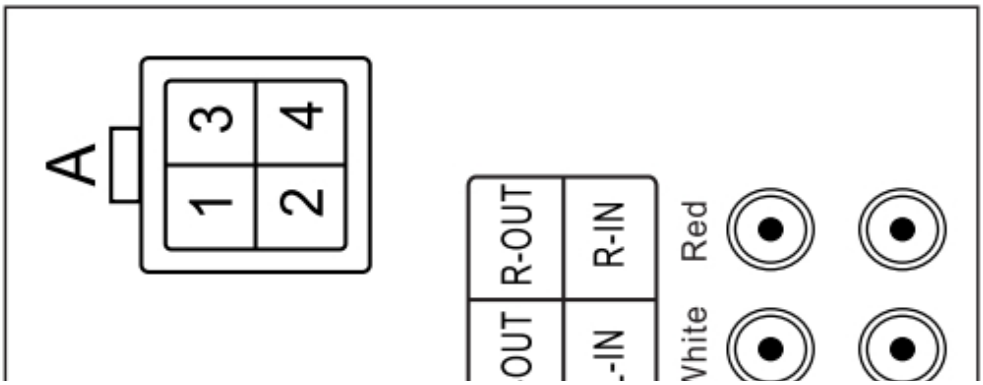
AUDIO SETUP

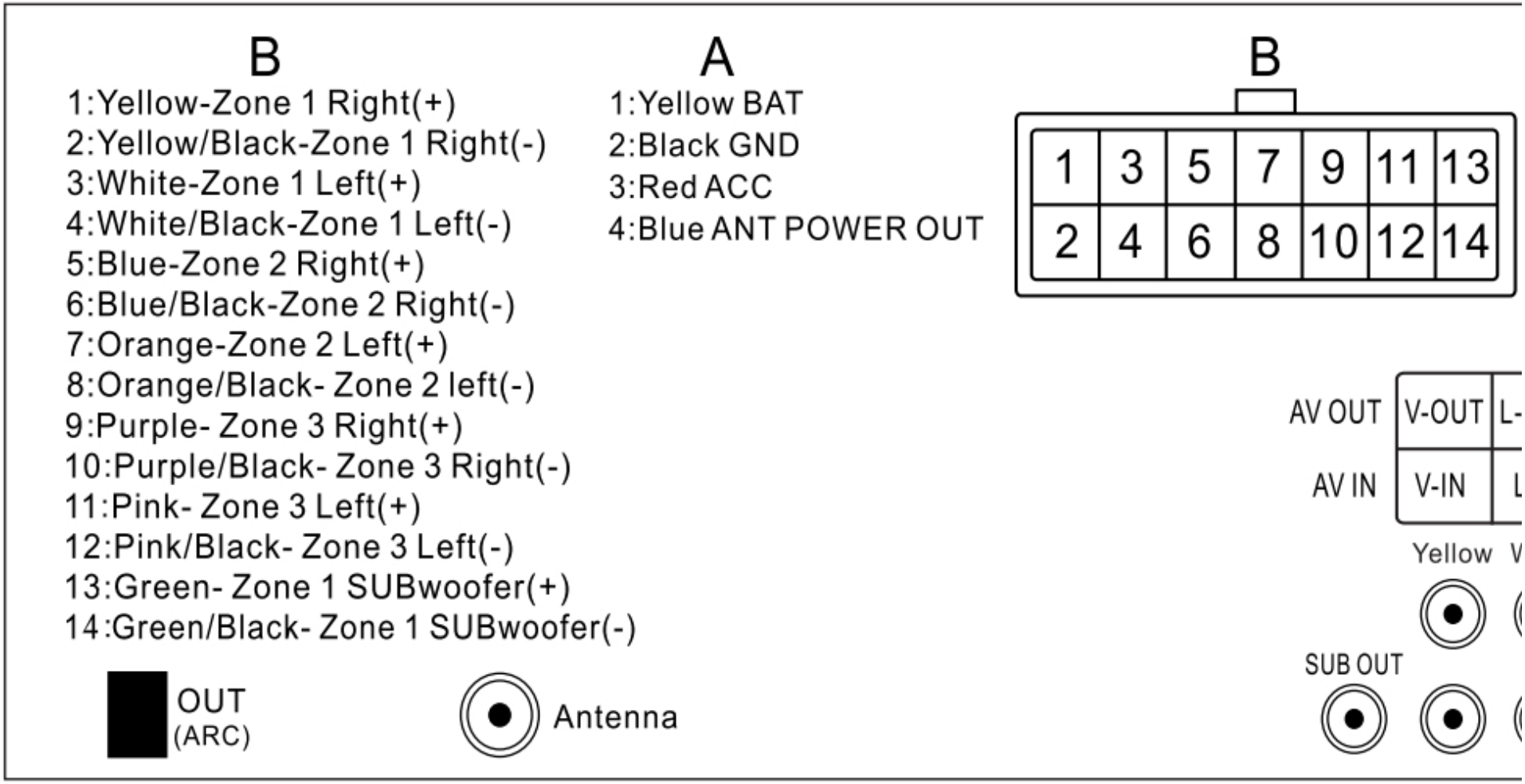


SPEAKER SETUP



WIRING DIAGRAM




B
1:Yellow-Zone 1 Right(+)
2:Yellow/Black-Zone 1 Right(-)
3:White-Zone 1 Left(+)
4:White/Black-Zone 1 Left(-)
5:Blue-Zone 2 Right(+)
6:Blue/Black-Zone 2 Right(-)
7:Orange-Zone 2 Left(+)
8:Orange/Black- Zone 2 left(-)
9:Purple- Zone 3 Right(+)
10:Purple/Black- Zone 3 Right(-)
11:Pink- Zone 3 Left(+)
12:Pink/Black- Zone 3 Left(-)
13:Green- Zone 1 SUBwoofer(+)
14:Green/Black- Zone 1 SUBwoofer(-)
OUT
(ARC)
Antenna
A
1:Yellow BAT
2:Black GND
3:Red ACC
4:Blue ANT POWER OUT
B
1 3 5 7 9 11 13
2 4 6 8 10 12 14
AV OUT
V-OUT
AV IN
V-IN
Yellow
SUB OUT

Check and make sure whether the fuse is blown, replace the fuse with proper value if necessary.

Some errors occur in the LCD or no function when pressing the button.
Turn off the unit and restart the unit again. Use Factory Default Restart.

Poor radio reception or static.
Antenna may not be the proper length. Make sure the antenna is fully extended. Antenna may be broken. Replace antenna.
The broadcast signal is too weak.
The antenna is poorly grounded. Check and make sure the antenna is properly grounded at its mounting location.

Disc cannot be loaded
Disc is loaded in the machine. Clear the disc by pressing eject

No Picture.
The Video line from the main unit to the TV is not connected properly. Check connections. Improper setting of the TV SYSTEM. Set the TV SYSTEM to “NTSC”, according to the connected television.
Disc error appears.
The disc may be damaged or dirty. Clean disc and retry.
When there is no color on video.
Turn off the unit and restart the unit again. Use Factory Default Restart.

FACTORY DEFAULT RESTART
Press and hold POWER button for 5 seconds – Unit will shut off. Restart unit by pressing the ON button.
Factory defaults will be reset with this type of restart.
NOTE: If any of the problems persist after checklist has been made, consult your nearest service dealer.
Never attempt to disassemble your unit by yourself.

IRV 63 SPECIFICATIONS

Overall Dimensions	8-1 /10″(W) X 4-2/8″(H) X 7
Mounting Dimensions	6-4/5″(W) X 4-1/1611-1) X
Net Weight	3.7Ibs (1.7Kgs)
Voltage	12V DC Negative Ground (
Maximum Current Consumption Total Continuous Power Output	8A 50W
Load Impedance	40 (4-Bflallowable)
Total harmonic distortion	Typical 0.02% Maximum 0.
DVD Deck Section, Discs Played Video System	DVD, MP3, MP4, CD. CD-F
Video Section	4:3 Letter Box and 4:3 Pan
Video Output level	1.0Vp-p +/-0.2V 75ohms 1
AM Tuner Section, Frequency Range FM Tuner Section, Frequency Range Bluetooth	87.5-107.9MHz (U.S.A).
Advanced Audio Distribution	Version 4.1, Class II A2DP, AVRCP

Documents / Resources

	iRV Technologies IRV63 Digital 2/1 Surround Sound Optical SPDIF Audio Input [pdf] User Manual AM FM CD DVD MP3 MP4 Digital Audio System, Digital 2.1 Surround Sound Optical SPDIF Audio Input, IRV63