

Multi Media Player

iRV Technologies | Autopro

Operation Manual



iRV 66

Contents

Safety Guidlines	
Important safety instructions	
Safety compliance	1
Warnings	1
iRV technologies	2
iRV 66 Features	4
Radio Operation	7
DVD/CD/MP3/MP4 Operation	9
BT Link	9
Remote Control Guide	10
App Operation	12
System Setup	13
Lanugage	14
Audio	14
Speaker setup	14
Wiring Diagram	15
Troubleshooting	16
iRV 66 Specifications	17

iRV 66 SPECIFICATIONS

Overall Dimensions	8-3/6" (W) x 11" (H) x 6" (D)
Mounting Dimensions	6-3/4" (W) x 9-1/2" (H) x 5" (D)
Net Weight	6lbs (3.35Kg)
Voltage	12V DC Negative Ground (11.0V - 15.0V allowable)
Maximum Current Consumption	10A
Total Continuous Power Output	200W
Load Impedance	4 Ω (4-8 Ω allowable)
Total harmonic distortion-plus-noise	Typical 0.05% Maximum 0.1%
DVD Deck Section, Discs Played	DVD, MP3, MP4, CD, CD-R, CD-RW, JPEG-CD
Video System	NTSC
Video Section	4:3 Letter Box and 4:3 Pan Scan, 16:9
Video Output level	1.0Vp-p +/-0.2V 75ohms
AM Tuner Section, Frequency Range	530 - 1710KHz (U.S.A.)
FM Tuner Section, Frequency Range	87.5-107.9MHz (U.S.A).
Bluetooth	Version 4.0, Class II
Advanced Audio Distribution OPP, OBEX, SPP, A2DP, AVRCP	

TROUBLESHOOTING

No Power

Check and make sure whether the fuse is blown, replace 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 check list has been made, consult your nearest service dealer.

Never attempt to disassemble your unit by yourself.



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 takes personal safety into consideration. However, any improper operation may result in electric shock, fire, or other hazard.

DO NOT open the cabinet by yourself to prevent electric shock. Please contact a professional technician to preform any service needed. Please use only components recommended by factory when replacement is necessary.

Please turn unit off when not in use. Use a dry, soft cloth to clean face with the system turned off.

PRECAUTION - Moisture may cause the lens on loader in this unit to malfunction. To remedy the problem, turn unit on, eject disc and run 1-2 hours to vaporize moisture inside the unit. Do not repeatedly turn unit off and on. After turning unit off wait 10 seconds before turning on again. Do not use broken, scratched, or twisted discs in player. This could result in damage to the unit. Use only 5", 12cm discs in this unit.

iRV Technologies

iRV 66

CD/MP3/MP4/DVD Disc Player
Compatible with standard size CD, MP3, MP4 and DVD discs (4.75" or 12cm). The iRV 66 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 DVD's (USA and Canada).

Universal Serial Bus/ Secure Digital Card
This unit allows users to play files stored on both Universal Serial Bus and Secure Digital Card including MP3 music, MP4 short . video clips and JPEG photo files The Universal Serial Bus port will also charge many devices like iPods and MP3 players.

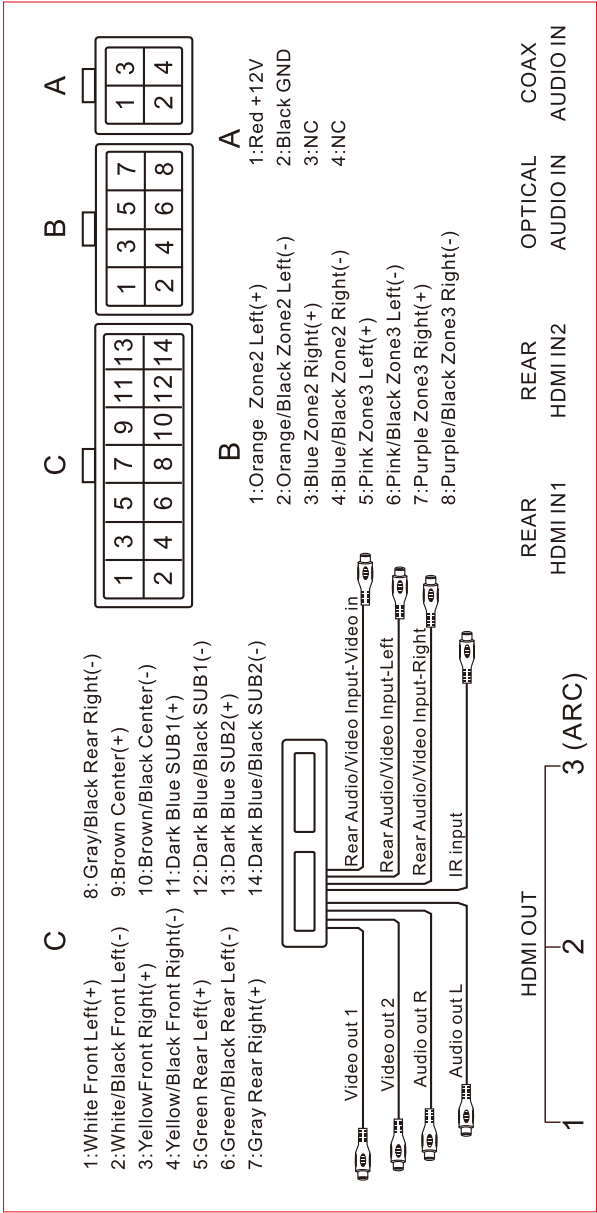
Built-In AM/FM Tuner
24 preset FM stations and 16 AM stations available to select.

High Definition Input
3 High Definition input and 3 High Definition output.
1 High Definition ARC.

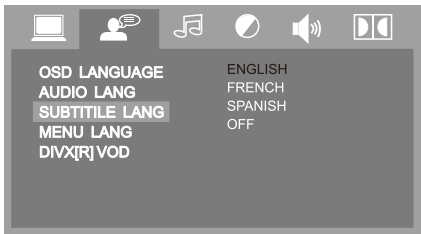
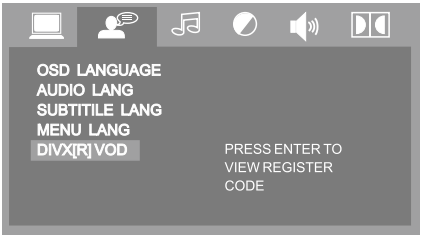
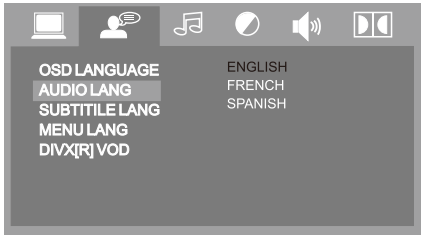
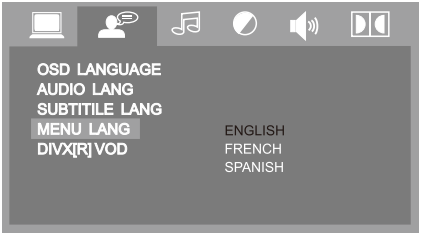
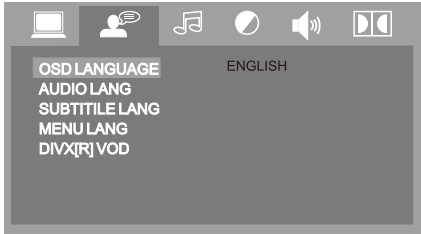
BT Link
This unit contains BT technology enabling secure, wireless connections between portable and fixed devices.

The iRV 66 BT link also enables handheld control of streaming music from users wireless device play list.
This unit supplies quality high power audio and video outputs to three different rooms. Zone 1 receives 5.1 digital surround sound. Zone 2 and 3 receive standard stereo audio.

WIRING DIAGRAM



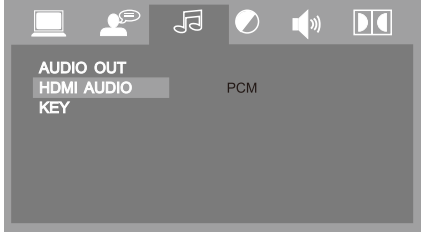
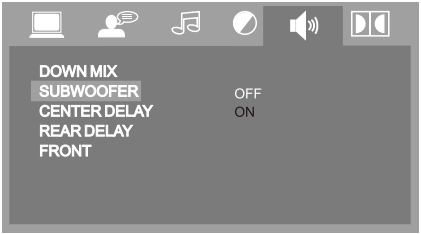
LANGUAGE SETUP



AUDIO SETUP



SPEAKER SETUP



This unit has 1 Video Input, 2 Video outputs, 3 Audio inputs, 1 Digital/Optical input to allow users to enjoy entertainment from other sources such as Satellite Radio, VCR's, Digital Cameras, Video Game for iPods and MP3 Players.

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

**NOTE: The Digital Optical input is used to enable digital audio from A/V components with digital optical output.*

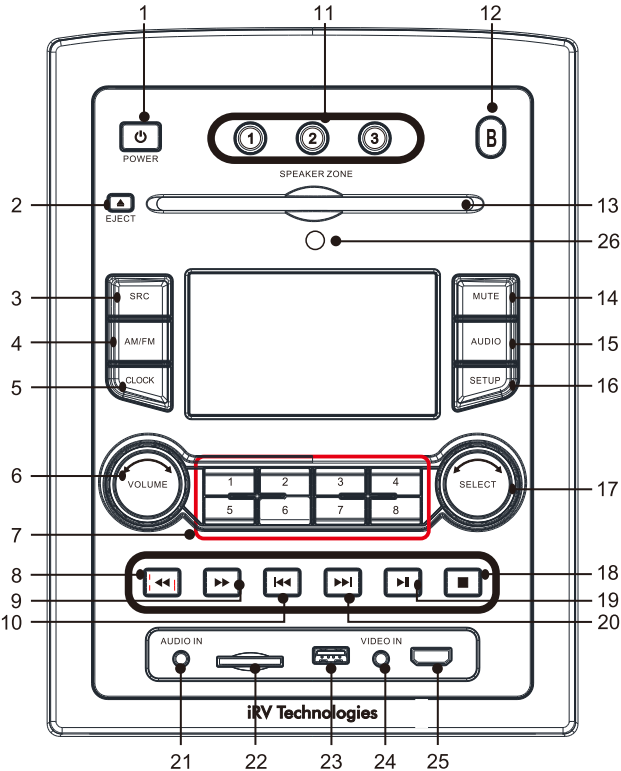
Clock

This unit has a built in clock that can display the time when any button is pressed and a sleep timer that turns off the radio for you.

APP Control

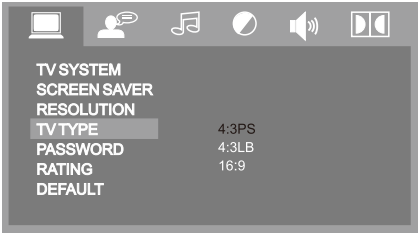
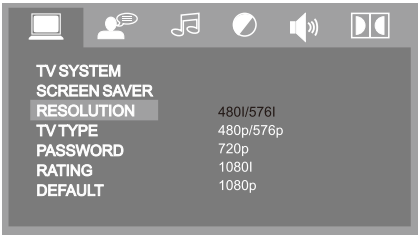
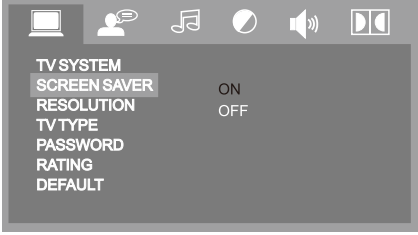
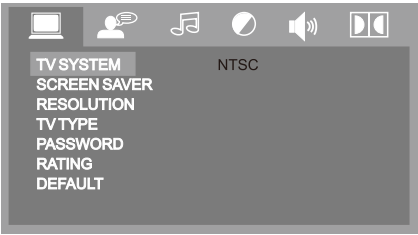
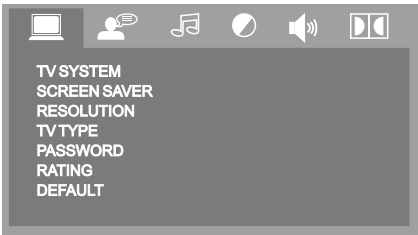
This unit can be controlled by APP, Support iPhone 4S+ and Android 4.3+.

iRV 66 FEATURES



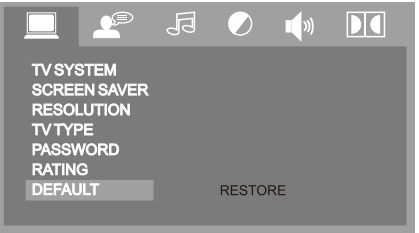
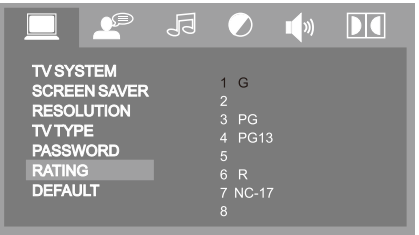
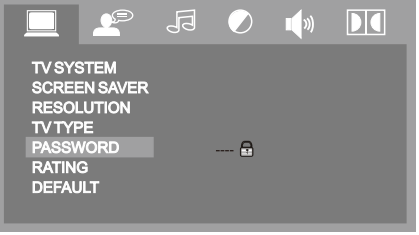
- 1 POWER
Turns the power on and off.
Note: Pressing and Holding the POWER button for 5 seconds will re boot the radio and reset all defaults. It will leave the radio off. Press the on button to continue operation.
- 2 EJECT
Press to eject a Disc from your iRV 66 built in player.
- 3 SRC
Select between Radio/DVD/USB/SD/BT/F-AV IN/TV audio/FR-audio/DOT-DCC in /R-HDMI IN1/R-HDMI IN2/F-HDMI IN/HDMI ARC.
- 4 AM/FM
Allows you to select FM1, FM2, FM3, AM1, or AM2.Each band can be auto programmed with 8 station presets. 24 total preset stations for FM and 16 total preset stations for AM. (See FFWD or FRWD Radio Mode for auto scan features.)
- 5 CLOCK
Press this to see time. This function works in all modes and even when the unit is turned off. Press to change to the clock display. Press and hold to turn the display indication and button illumination off or on.

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.



APP OPERATION



On Your iPhone or iPad:

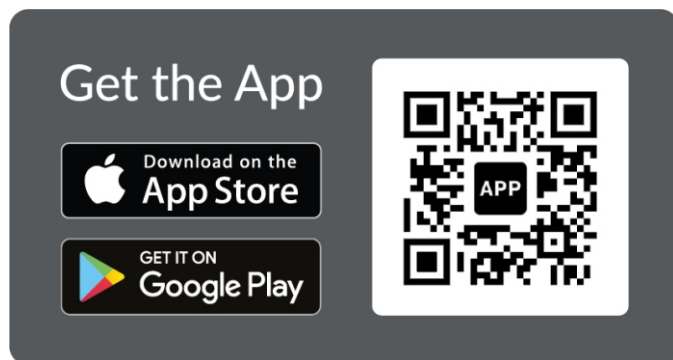
- Click on 'App Store'
- Click 'Search' at the bottom of the screen
- In the search bar, type iRV

*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



- 6 VOLUME
Increase or decrease the volume in all rooms where sound is being played.
- 7 1-8
[1],[2]...[8] number buttons are used to enter number,e.g.No.of track,DVD chapter No., time data,etc.
- 8/9 F. RWD ◀▶
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.
- 10/20 FWD and RWD buttons ◀▶
Radio Mode : Press to select next frequency, higher or lower.
DVD Mode : Moves menu selection.
- 11 SPEAKERS 1-2- 3
Turns sound on or off in corresponding ZONE 1, 2 or 3.
- 12 BT
Press this to enable BT connectivity.
- 13 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 DVD's (USA and Canada).
- 14 MUTE
Push to mute,push again to unmute.
- 15 AUDIO
Controls under this menu include volume,Bass,Treble,Balannce and EQ controls.
Volume: 45 different levels
Bass: 12 different levels
Treble: 12 different levels
Balance : 12 different levels
EQ : POP,Class,Rock,Flat
- 16 SETUP
Press for DVD setup menu,Menu navigation screens will appear on video monitor.
- 17 SELECT
When reading the USB,MP3,CD discs, such as rotate this knob can choose to play, and then click on the confirm this knob.
- 18 STOP
Press to stop playback of disc. Press Play to continue the playback.

19 PLAY / PAUSE ►||

Press to play disc or pause playback of disc.

During radio mode:(Auto-storage/Preset scan).

When press, the radio searches from the current frequency and checks the signal strength level until 8 station are found. And then the 8 stations frequency are preset to the corresponding preset memory numbered bank.

When press and hold for more than 1 second, The auto-storage operation is implemented in the each selected band. When the auto-storage operation is finished, the radio execute the Preset scan.

21 AUDIO IN

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

22 Secure Digital Card slot

Reads media stored on Secure Digital cards. The Unit supports cards with up to 32GB capacity. The Secure Digital card must be formatted to be FAT or FAT32.

23 Universal Serial Bus port

The Universal Serial Bus port allows users to play files stored on and Universal Serial Bus attached media devices, including music, video and photo files, The unit support Universal Serial Bus flash driver with up to 1TB capacity, The Universal Serial Bus drive must be formatted to be FAT or FAT32.

24 VIDEO IN

Video input from ipod player, This is a 3.5mm input.

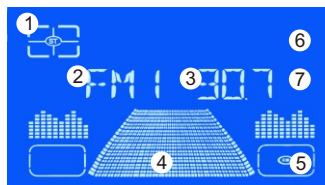
25 High Definition Input

High Definition connection High Definition cable, High Definition 3 input High Definition 3 output, DVD and High Definition output.

26 IR

Infrared remote sensor.

iRV 66 DISPLAY SCREEN



1 STEREO

2 BAND INDICATOR

3 FREQUENCY INDICATOR

4 VOLUME

5 EQ SETTINGS

6 REMOVABLE MEDIA

7 PRESET NUMERAL INDICATOR

REMOTE CONTROL Guide

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.

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 previous chapter.

14.PREVIOUS / NEXT

Radio Mode: Press to select higher or lower stations.

Disc Mode: Press to select 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, MP3, 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.

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 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 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.MODE

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 screen. Center button is the select / enter button.

9.OK

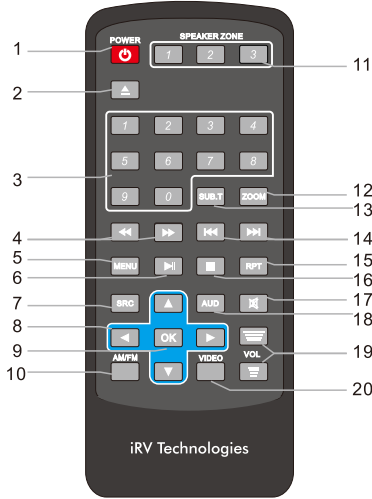
Use to finalize selection.

10.AM/FM

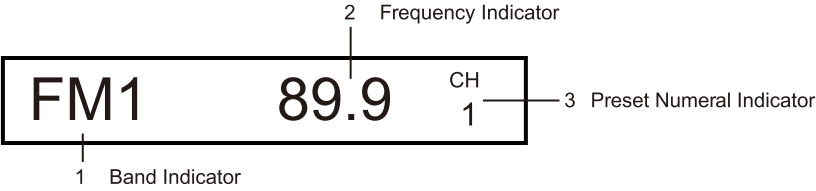
Allows you to select FM1, FM2, FM3, AM1 or AM2. Each band can be auto programmed with 8 station presets. 24 total preset stations for FM and 16 total preset stations for AM. (See FFWD or FRWD Radio Mode for auto scan features.)

11.ZONE 1,2,3

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



RADIO OPERATION



POWER



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

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.

Activate radio

Press for desired Band

Manual Tuning



Select Band,Select single arrowed button to move the chanel down or up.

Select Band

Chanel Down

Chanel 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 untill another function is selected.

Select Band

Auto Search Down

Auto Search Up

Manual Frequency Presets



Select Band, Select desired frequency, Hold desired numeral for 3 seconds. Frequency is set Repeat to change Frequency can be preset for AM1, AM2, FM1, FM2, FM3.

Select Band
AM1, AM2, FM1,
FM2, FM3

Select
Frequency

Select Numeral

Recall Frequency Presets



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

Select Band
AM1, AM2, FM1,
FM2, FM3

Select Numeral

Automatic Store / Preset Scan

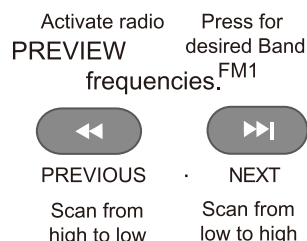


A. Automatic Scan & Store
While listening to the Radio, Long press the “▶||” button, The receiver will automatically scan and save the station listening to.
B. Scan Saved Stations
Short press the “▶||” button once to perform the scanning functions.

Auto Best Station Memory



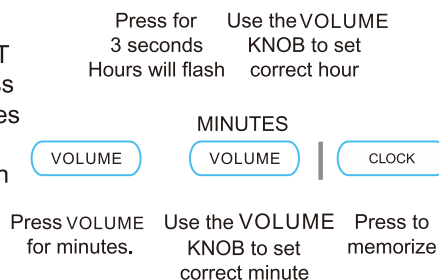
While in FM1 if you press the NEXT button the radio will start scanning from low to high frequencies., or button the radio will start scanning from high to low Each strong station found will be stored in a preset button until all 24 FM presets are full. You can also do this with the AM band There are 16 presets available for the AM band.



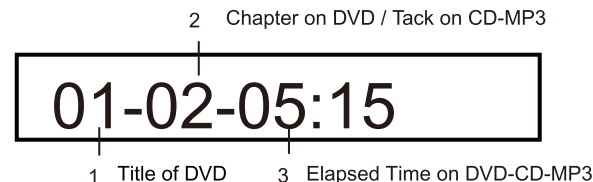
Clock Setting the time



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



DVD/CD/MP3/MP4 OPERATION



Fast Reverse / Fast Forward



2X, 4X, 8X, 20X To select a normal speed, push the PLAY button.

Push the Fast Rewind button to rewind DVD
Push the Fast Forward button to advance the DVD

Previous / Next



Select previous or next track.

To Load Universal Serial Bus and Secure Digital Media



Insert Universal serial Bus device or Secure Digital Card into proper socket on the front of the radio to begin playing media. To view, navigate and select between music and video/photo media the TV or Monitor must be on and set to AV mode Use remote NAVIGATION buttons to navigate on screen menu.



Because of variations in 3rd party recording methods some discs, Universal Serial Bus devices of Secure Digital Cards may not play on this unit Also the Secure Digital Card and Universal Serial Bus ports are capable of playing short video clips Long playing video files may experience buffering delays and video freeze if viewing is attempted through these ports. BT is not video enabled and will not play video files.

BT Link

Connect iRV 66 with a BT device



Turn on iRV66 power, enter BT Link in your cell. Search “iRV 66 BT”, then click connect. It's successful to connect iRV 66 BT if iRV 66 screen shows BT LINK

Warning:

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

NOTE:

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.

FCC Statement:

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, 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.
- 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.