Operation Manual

GT-3.0

GENESIS TECHNOLOGIES™

AM/FM/WB/CD/DVD/MP3/MP4

Digital 5.1 Surround Sound - Optical / SPDIF Audio Input - High Definition Video Out

Bluetooth®

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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.

ONE (1) YEAR LIMITED WARRANTY

The Manufacture warrants to the original retail purchaser of this unit that is or any part therein, under normal use and condition, be proven defective in material or workmanship within 1 year from the date of original purchase, such defect's will be repaired or replaced at the manufactures option without charge for parts and repair labor.

This warranty does not extend to the elimination of externally generated static or noise, to the correction as antenna generated noise or to the cost incurred to correct this noise. The warranty does not cover the removal or the reinstallation of this unit or damage to any CD's, Speakers, accessories, or the vehicle's electrical system.

This warranty does not the cabinet appearance or apply to the unit or any part of the unit which, in the opinion of the manufacture, has been damaged through alterations, improper installation, mishandling, misuse, neglect, or accident, THE EXTENT OF THE MANUFACTURE'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE , AND IN NO EVENT SHALL THE MANUFACTURE'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL BUYER FOR THE UNIT.

This warranty extends only to the original purchaser of the unit and is not transferable. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation on incide tal or consequential damages, so the above limitation of exclusions may not apply to you.

This warranty gives you specific legal rights. To obtain repair or replacement within the terms of this warranty, the radio is to be delivered with proof of purchase and a discription of the defect(s), freight prepaid to the original dealer or to:

QAV – Quest Audio Video
1930 W. Lusher Ave.
Elkhart, IN 46517
574-970-8349

GENESIS TECHNOLOGIES™

GENESIS TECHNOLOGIES™

GT-3.0

Bluetooth®

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CD/MP3/MP4/DVD Disc Player

Compatible with standard size CD, MP3, MP4 and DVD discs (4.75" or 12cm). The GT-3.0 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).

USB / SD Card

This unit allows users to play files stored on both USB and SD cards including MP3 music, MP4 short video clips and JPEG photo files.The USB port will also charge many devices like iPods and MP3 players.

Built-In AM/FM Tuner

27 preset FM stations and 18 AM stations available to select.

Built-In Weather Band Tuner

This unit can receive the latest National Oceanic Atmospheric Administration (NOAA) weather forecast reports broadcast on 7 different frequencies - with strongest station automatically selected.

Bluetooth® Link

This unit contains Bluetooth® wireless technology enabling secure, wireless connections between portable and fixed devices. This unit, when enabled can place and receive cellular phone calls through the GT-3.0s keypad and built in microphone.

The GT-3.0 Bluetooth® link also enables handheld control of streaming music from users wireless device play list.

High Definition Video Out

This unit has 1 High Definition Video Out for High Definition Video (up to 1080p) and 5.1 / 2.0 Audio.

3 Audio and 3 Video Output locations

This unit supplies quality high power audio and video outputs to three different rooms. Room A receives 5.1 full digital surround sound. Room B and C receive standard stereo audio.

Sound Equalization Control

Allows control of the Bass, Treble, Balance and four preset EQ settings.

Low Level Output

Low level output allows connections to external amplifiers.

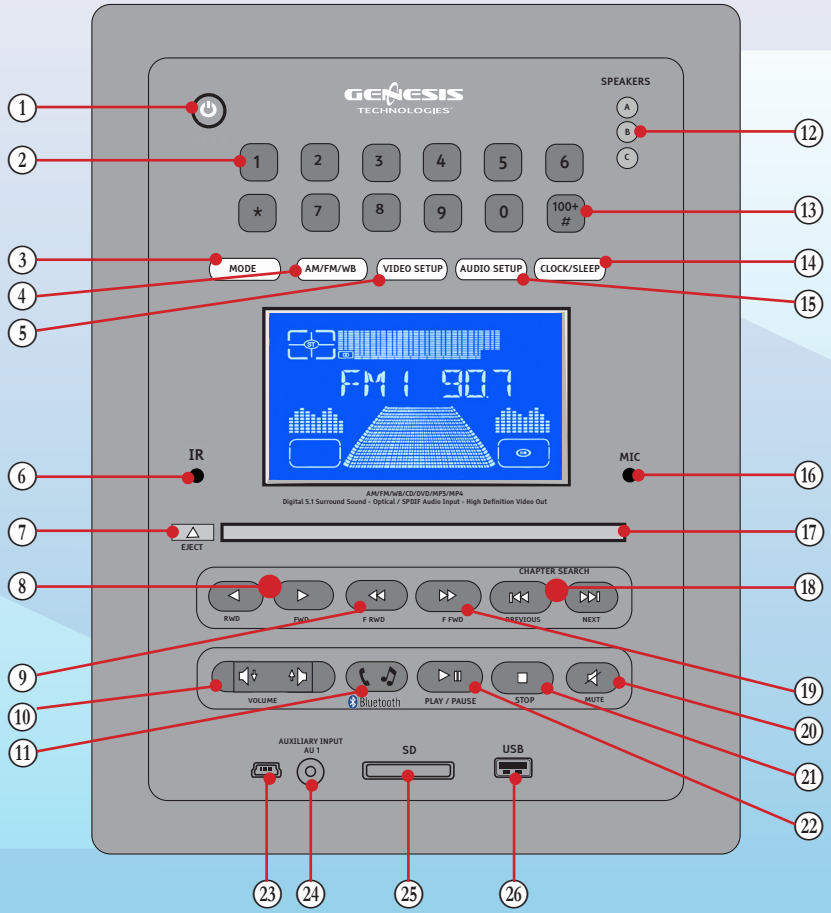
5 Inputs (2 Audio/Video, 2 Audio and 1 Digital Audio - optical or coaxial)

This unit has 2 Audio/Video inputs and 2 Audio inputs to allow users to enjoy entertainment from other sources such as Satellite Radio, Cable and Satellite TV, VCR's Digital Cameras, Video Game players and a convenient 3.5mm Audio Input on the front panel for iPods and MP3 Players. These sources must be connected through the four inputs on the unit or through additional accessory wall plates. (See pages 20-23 for accessories.) 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.

GT-3.0 FEATURES



① **POWER**
Turns the power on and off.

② **0-9**
Radio Mode: Use for preset stations (frequencies), 27 FM stations and 18 AM stations available.
Disc Mode: Selects different tracks on CD and different chapters on DVD.
Phone: When paired with a Bluetooth® enabled cell phone the number keys become a touch tone keypad allowing you to dial phone calls from the GT-3.0

③ **MODE**
Select between AU1, AU2, AU3, AV1,AV2, BT, Radio
Note: Pressing and Holding the MODE button for 10 seconds will re-boot the radio and reset all defaults. It will leave the radio off. Press the on button to continue operation.

④ **AM/FM/WB**
Allows you to select FM1, FM2, FM3, AM1, AM2 or Weather Band. *Weather Band Tuner can receive the National Oceanic Atmospheric Administration (NOAA) weather forecast reports broadcast on 7 different channels.*

⑤ **VIDEO SETUP**
Press for DVD setup menu. Menu navigation screens will appear on Video Monitor.

⑥ **IR**
Infrared remote sensor.

⑦ **EJECT**
Press to eject a Disc from your GT-3.0 built in player.

⑧ **RWD and FWD buttons**
Radio Mode: Press to select next frequency, higher of lower.
DVD Mode: Moves menu selection.

⑨ **F. RWD**
Radio Mode: Scan through all lower preset stations.
Disc Mode: Select different levels of fast reverse.

⑩ **VOLUME**
Increase or decrease the volume in all rooms where sound is being played.

⑪ **Bluetooth®**
Press this to enable Bluetooth® connectivity.

GT-3.0 FEATURES

⑫ **SPEAKERS A-B- C**
Turns sound on or off in corresponding rooms A, B or C.

⑬ **100+**
Disc Only
Press the 100+ area on the "0" button to select tracks numbered higher than 100 on MP3's

⑭ **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.

⑮ **AUDIO SETUP**
Controls under this menu include Volume, Bass, Treble, Balance and EQ controls.

Volume:	39 different levels
Bass:	14 different levels
Treble:	14 different levels
Balance:	14 different levels
EQ:	Pop, Class, Rock, Flat

⑯ **MIC**
Microphone for Bluetooth® cell phone communications.

⑰ **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 GT-3 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).*

⑱ **PREVIOUS / NEXT Double Arrows**
Radio Mode: Press these buttons for station seek.

⑲ **F. FWD**
Radio Mode: Scan through all higher preset stations.
Disc Mode: Select different levels of fast forward.

⑳ **MUTE/HOLD**
Press to turn off the sound. To turn on the sound, press again. While talking on the phone, press to put the call on hold. Works on all rooms where the sound is being played.

㉑ **STOP**
Press to stop playback of disc. Press Play to continue the playback

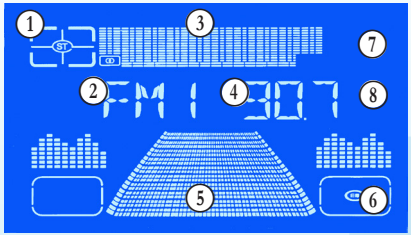
㉒ **PLAY / PAUSE**
Press to play disc or pause playback of disc.

㉓ **JTAG port**
Used for firmware upgrades by authorized Genesis Technologies technicians only.

㉔ **AU1 Port**
Audio Input from MP3 or iPod player. This is a 3.5 MM input.

㉕ **SD Card slot**
Reads media stored on SD cards. The GT-3.0 supports SD cards with up to 8GB capacity. The SD card must be formatted to be FAT or FAT32.

㉖ **USB port**
The USB port will also charge many devices like iPods, MP3 players and cameras. Plus, allows users to play files stored on USB and USB attached media devices, including music, video and photo files.The GT-3.0 supports USB flash drives with up to 8GB capacity. The USB drive must be formatted to be FAT or FAT32.



① **STEREO**

② **BAND INDICATOR**

③ **LIGHTS**

④ **FREQUENCY INDICATOR**

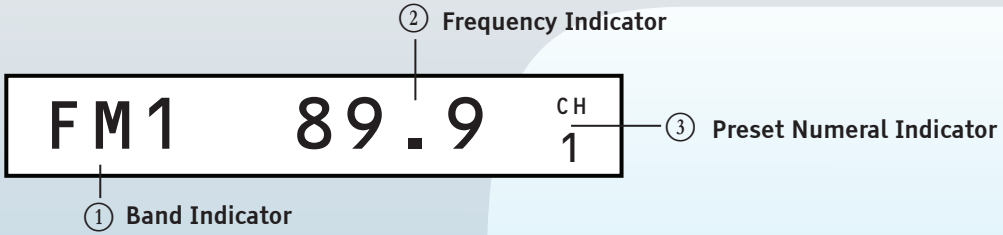
⑤ **VOLUME**

⑥ **EQ SETTINGS**

⑦ **REMOVABLE MEDIA**

⑧ **PRESET NUMERAL INDICATOR**

RADIO OPERATION



POWER

Turns the power on and off.

Press for power “On or Off”

Radio Reception Mode

Press to access the radio, press to activate desired band: AM1, AM2, FM1, FM2, FM3 or WB (Weather Band Chanel 1-7)

Activate radio

Press for desired Band

Manual Tuning

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

Select Band

Chanel Down

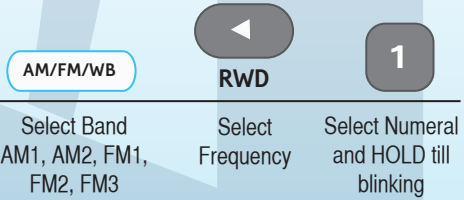
Chanel Up

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.

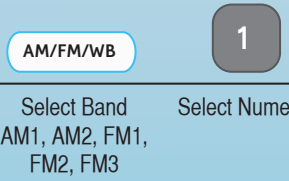
Manual Frequency Presets

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.



Recall Frequency Presets

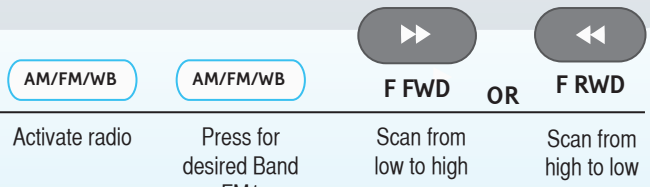
Select Band AM1, AM2, FM1, FM2, FM3, then select desired numeral



RADIO OPERATION

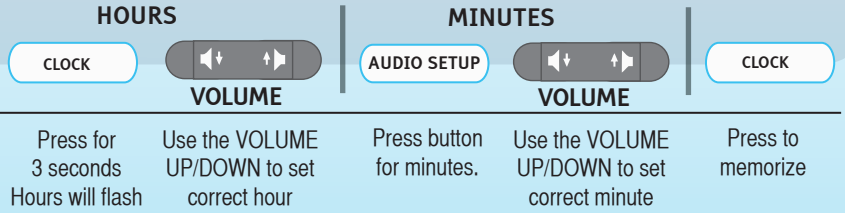
Auto Best Station Memory

While in FM1 if you press the FAST FWD button the radio will start scanning from low to high frequencies.,or FAST RWD button the radio will start scanning from high to low frequencies. Each strong station found will be stored in a preset button until all 27 FM presets are full. You can also do this with the AM band. There are 18 presets available for the AM band.

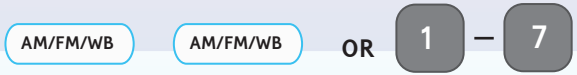


Clock Setting the time

Press and hold the CLOCK button for 3 seconds. Hour will flash. Use the VOLUME UP/DOWN to set correct hour. Press AUDIO SETUP button move to minutes. Minutes will flash. Use the VOLUME UP/DOWN to set correct minutes. Press the CLOCK button to memorize



Weather Band Reception



Activate radio

Press for desired Band WB

Manually select using the preset buttons 1-7

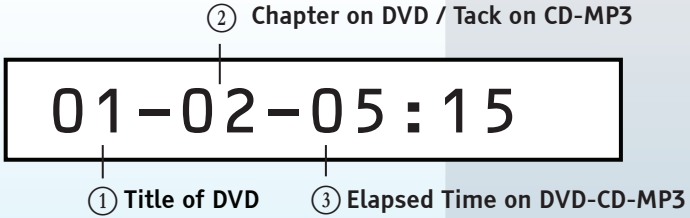
Press the AM/FM/WB button to select the Weather Band. Once the unit is set on the Weather Band function, it will automatically search for an available station among the 7 preset US Weather Bureau frequencies. When the signal is not strong enough to receive the last weather band station, the unit will continue to search for another weather band station. The user can also manually select a weather band station by pressing any of the 1-7 preset number frequencies.

Note: Since the broadcasts are local weather and information, the transmission power is usually very low (much less than AM or FM stations) so you will usually receive only one station unless you are on the edge of two or more broadcast signals. The most you will receive is two or three and that is rare.Depending on where you are located, there is a possibility you will receive only a very weak signal or none at all. Also, similar to AM and FM signals, Weather Band signals are subject to surrounding conditions, weather, obstructions of the signal by hills or mountains, etc..

SIRIUS/XM Satellite Radio

SEE Accessoiries Page 34.

DVD/CD/MP3/MP4 OPERATION



Load a Disc

There are several ways to select and load a disc in the GT-3.0. If you have left a disc in the unit you will have to press MODE on the front panel until LOAD shows on the display. If you are using the remote, press the DISC button. Either of these options will start the disc playing. Another way to play a disc is to insert it into the slot. The unit will switch to LOAD by it self.

Insert Disc into built-in GT-3 Player loader, label side facing up

LOAD will automatically appear in the display

Eject a Disc

Regardless of which function is playing, if the eject button on the front panel or the remote control is pushed, the unit will stop playing and eject the disc. The unit will keep the disc in the slot with EJECT showing on the Digital Display. If there is no disc inside the unit, a disc placed in the slot will be taken inside automatically with LOADING showing on the Digital Display.
NOTE: When the unit ejects and the disc isn't removed after 1 minute, the unit will automatically reload the disc. This feature protects the disc from being dropped and damaged.

Press EJECT

PLAY / PAUSE

PLAY/PAUSE

Push to pause disc.

PLAY/PAUSE

When disc is paused, push to play disc.

Normally, when the unit accepts a disc with no Playback Control, the unit will play the disc from the beginning. When a Playback Control exists, the user needs to push the PLAY button to start to play the disc. If the user pushes this button again, the unit will pause the disc. To release Pause, push this button again, and play will continue.

Stop

STOP

Push the STOP button to stop playing the disc.

When the unit is playing, push the STOP button to stop playing the disc.

Fast Reverse / Fast Forward

F RWD

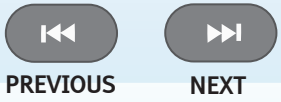
Push the Fast Rewiind button to rewind DVD

F FWD

Push the Fast Forward button to advance the DVD

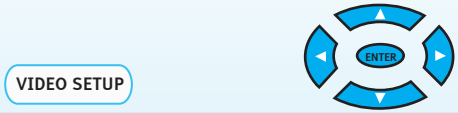
Regardless whether you use fast forward or fast reverse, (during DVD mode) there are 6 different speeds to select from: 1X, 2X, 4X, 8X, 16X, 20X To select a normal speed, push the PLAY button. The unit will immediately play the disc at a normal speed. On the unit the PLAY button must be pressed second time to Play from Pause.

DVD/CD/MP3/MP4 OPERATION



Previous / Next

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.



Video Setup

Press the VIDEO SETUP button on the unit when the unit is in the Disc player mode. The screen will display the system setting menu. Navigate the Menu pages by using remote NAVIGATION buttons.

To Load USB and SD Media

Insert USB device or SD 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, USB devices or SD cards may not play on this unit. Also, the SD and USB 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. Bluetooth® is not video enabled and will not play video files.

Pairing the GT-3.0 with a Bluetooth® device

Press the "Bluetooth®" button to enter setup

Enter a numeric PassKey

With the GT-3.0 powered on Press the button marked "Bluetooth®" to enter Bluetooth® setup. The GT-3.0 screen will report "NO LINK" until a Bluetooth® device is successfully paired with the GT-3.0.

The GT-3.0 will send a password request to the Bluetooth® device that reads "Enter a numeric PassKey for GENESIS TECHNOLOGIES ****". The factory default pass key is (0000). Enter the 4 digit numeric code to unlock the Bluetooth® connection. The GT-3.0 will send a confirmation request to the device that reads "Accept Connection Request from GENESIS TECHNOLOGIES?" Confirm GENESIS TECHNOLOGIES connection to successfully pair device with the GT-3.0

Pairing the GT-3.0 to a cell phone will configure the GT-3.0 to allow hands-free listening and talking. The built in microphone is located on the face of the GT-3.0 with a range of 12 feet. Sound is transmitted to any of the selected rooms A, B and or C.
The paired Bluetooth® connection also allows remotely controlled streaming stereo audio from the paired device from as far away as 25 feet.
Bluetooth® paring is not video enabled.

PLACING A CALL - GT3.0

Placing a call with the GT-3.0 Using the Radio buttons

NEXT

PREVIOUS

To place a call using the GT-3.0 with a paired Bluetooth® enabled cell phone first enable the GT-3.0 Bluetooth® mode by pressing the "MODE" button or by pressing the "Bluetooth®" button above the SD slot until "BT" and "LINK OK" appears on the GT-3.0 display. Using the GT-3.0 keypad dial the desired phone number. Press the button marked "NEXT" to initiate the call.
To end the call press the button marked "PREVIOUS".
To redial the last call press the button marked "NEXT".

Press the "MODE" button or press the "Bluetooth®" button

Use keypad dial the desired phone number

Press the button marked "NEXT" to initiate the call.

To end the call press the button marked "PREVIOUS".

Receiving a call with the GT-3.0 Using the Radio Buttons

NEXT

PREVIOUS

To receive an incoming call while the GT-3.0 is paired with Bluetooth® enabled cell phone press the button marked "NEXT".
To end the call press the button marked "PREVIOUS".

Press the button marked "NEXT" to receive an incoming call.

To end the call press the button marked "PREVIOUS".

Special dialing GT-3.0 keypad functions

F FWD

F RWD

To clear an entry press the button marked VIDEO SETUP
To type star (*) press the button marked F FWD
To type pound (#) press the button marked F RWD

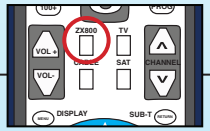
To clear an entry press the button marked VIDEO SETUP

To type star (*) press the button marked F FWD

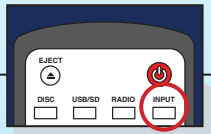
To type pound (#) press the button marked F RWD

Placing a call with the GT-3.0 Using the Remote buttons

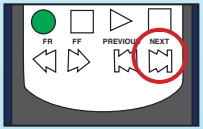
To place a call using the GT-3.0 with a paired Bluetooth® enabled cell phone first enable the remote by pressing the remote button marked “GT-3.0”. Next, enable the GT-3.0 Bluetooth® mode by pressing the remote button marked “INPUT” until “BT” and “LINK OK” appear on the GT-3.0 display.
Using the remote numeric keys dial the desired phone number then press the remote button marked “NEXT” to initiate the call.
To end the call press the remote button marked “PREVIOUS”.



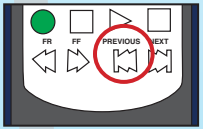
GT-3.0



INPUT



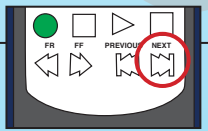
NEXT



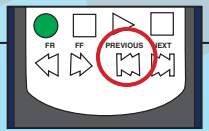
PREVIOUS

Receiving a call with the GT-3.0 Using Remote Buttons

To receive an incoming call while the GT-3.0 is paired with Bluetooth® enabled cell phone press the remote button marked “NEXT”.
To end the call press the remote button marked “PREVIOUS”.



NEXT

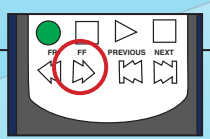


PREVIOUS

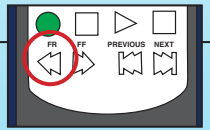
Special dialing REMOTE keypad functions

To clear an entry press the button marked SETUP
To type star (*) press the button marked FF
To type pound (#) press the button marked FR

SETUP

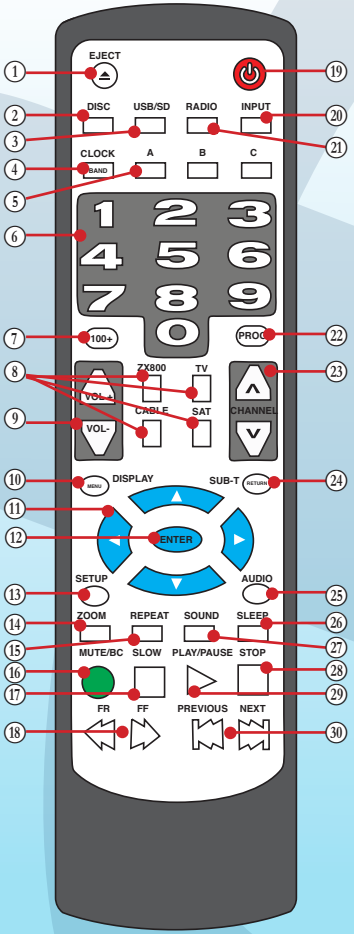


FF



FR

REMOTE CONTROL Guide



① **Eject**
When the unit is in Disc Play mode, pushing the “EJECT” button will eject the disc. When the unit ejects a disc and the disc is not removed after 1 minute, the unit will automatically reload the disc.

② **Disc**
Press to select Disc mode when a disc is already in the unit.

③ **USB / SD**
Press to select USB or SD.

To view, navigate and select between music and video/photo media the TV or Monitor must be on and set to AV mode. Use NAVIGATION buttons to navigate on screen menu.

④ **BAND**
Once the radio is selected, this button allows you to select FM1, FM2, FM3, AM1, AM2 or the Weather Band.Push the “BAND” or “RADIO” button and the unit switches to Radio immediately. During radio mode, press “RADIO” again to switch receiving band.

④ **CLOCK**

TO change clock settings press and hold CLOCK/Band key for 3 seconds. Press Volume up or down to adjust Hours. Press the Audio key then Volume up or down to adjust Minutes. Refer to page 12 for clock setting adjustments.

⑤ **A, B and C Rooms**

Turns sound on or off in the corresponding rooms A, B or C.

⑥ **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 (0-100+). *Example: If you want track number 25. Consecutively press the number 2, then 5 and track number 25 will begin to play.*

⑦ **100+**

Radio: N/A

Disc: Press the 100+ button to select tracks numbered higher than 100 on MP3s.

⑧ **PROGRAMABLE BUTTONS**

The GT-3.0 button sets remote functions to the GT-3.0 Radio. This is the default. Three other buttons have learning ability. The learning procedure is explaind in Remote Memorizing, page 26-27.

⑨ **VOLUME**

Press the “VOLUME” (+ or -) button to increase or decrease the volume level respectively.

⑩ **MENU / DISPLAY**

DISC only. Selects upper menu. Press the button for 3 seconds to display the status of the DVD or CD that is currently playing.

CD/VCD/DVD Mode: Press the “DISPLAY” button and the GT-3.0 Display Screen and attached Video Monitor will show single track elapsed time, single track remaining time or entire disc time, It also shows the track being played and the amount of the whole disc.

MP3 Mode: Press the “DISPLAY” button and the OSD will show single track elapsed time only.

⑪ **NAVIGATION BUTTONS**

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

REMOTE CONTROL Guide

⑫ **ENTER**
Use to finalize selection.

⑬ **SETUP**
Press the “SETUP” button to activate the System Setup on screen display Video Monitor menu . Use the NAVIGATION buttons to navigate the OSD menu options.

⑭ **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.

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 **MUTE / BC**
Press the “MUTE” button to turn off the sound in all rooms A, B, and C. Press it again to resume the previous sound levels. Pressing the BC button for 5 seconds returns the system to default settings.

⑰ **SLOW**
Slows on-screen action in DVD. Press to select from 7 different levels of Slow.

DVD Mode: Press “SLOW” button to enable 2X Slow Advance mode. Pressing the “SLOW” button repeatedly moves the slow mode to 3X and 4X slow advance. Continued pressing of the “SLOW” button will reverse to 5X Slow Reverse and 6X Slow Reverse. Press “SLOW” again to exit theslow mode. **VCD Mode**: Press “SLOW” button to enable 1X Slow Advance mode. Pressing the “SLOW” button repeatedly increases the slow mode to 2X and 3X slow advance. Press “PLAY” button to exit the slow mode. Note: The slow mode is not available for MP3 and CD media.

⑱ **FAST REVERSE / FORWARD**
Press to select different levels of Fast Reverse or Fast Forward. Press Play to resume selection.

⑲ **Power**
Turns the power on and off.

⑳ **INPUT**
Press to select AU1, AU2, AV1 or AV2 and BT.

㉑ **Radio**
This function selects the Radio.

㉒ **PROGRAM**
CD/VCD: You can set the program order to play, by following the steps below. Press “PROGRAM” button and the LCD displays programming P00:00. You can set the program order to play them by using (0-100+) number button, and then press “PLAY/PAUSE” to play.

Note:
(1) Program does not function in playing MP3.

(2) CD Only- Allows you to re-arrange the play back order of the individual tracks differently from the order on the original disc.

(3) If there are mistakes in programs, you can press “PROGRAM” button again then press “PROGRAM” button to play in order.

㉓ **CHANNEL**
Press to increase or decrease the the CHANNELS.

㉔ **SUBTITLE (SUB-T) / RETURN**
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.

㉕ **AUDIO** - **DVD** Only
Adjusts the surround sound mode as well as selects the language. Must be set before play.

㉖ **SLEEP**
Selects timing for delayed turn-off mode. Available increments 90, 80, 70, 60, 50, 40, 30, 20 and 10 Minutes.

㉗ **SOUND**
Radio Mode: Repeatedly pressing the “SOUND” button moves you through 6 modes. VOLUME, BASS, TREBLE, BALANCE, EQ and TIME. Adjustment in anyone of these modes is done by pressing the “VOLUME” (+ or -) key. Controls can be modified differently for each room.

㉘ **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.

REMOTE CONTROL Guide

㉙ 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.

㉚ PREVIOUS / NEXT

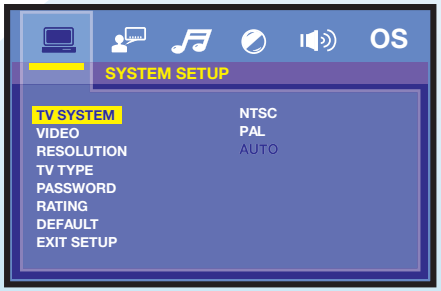
Radio Mode: Press to select higher or lower stations.

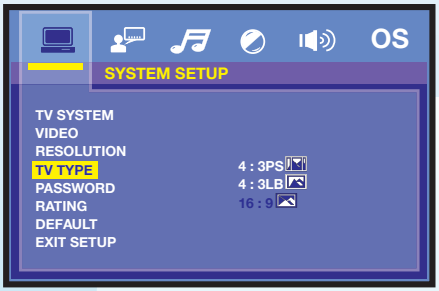
Disc Mode: Press to select previous or Next track or chapter.

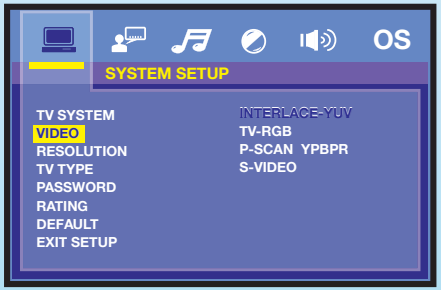
Pushing the Previous button, the unit will play the disc from the beginning of the previous track. Pushing the Next button, the unit will play the disc from the beginning of the next track.

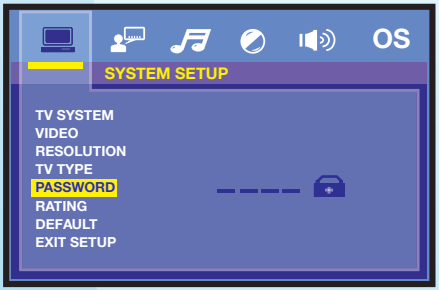
SYSTEM SETUP

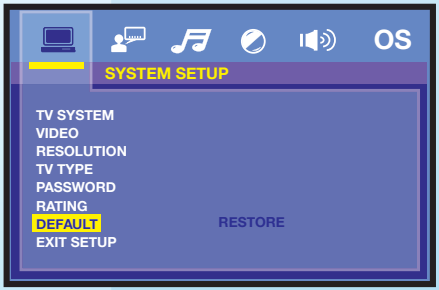
Press the “SETUP” button to activate the System Setup on screen display Video Monitor Only menu . Use the NAVIGATION buttons to navigate the following OSD menu options.

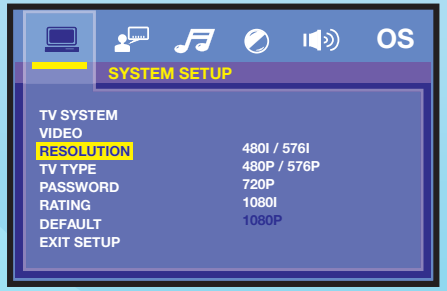


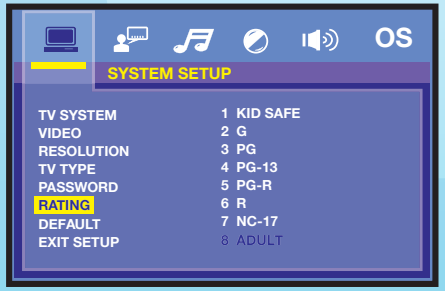


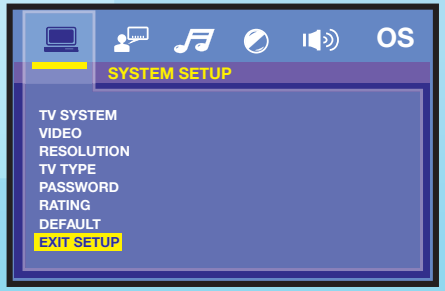




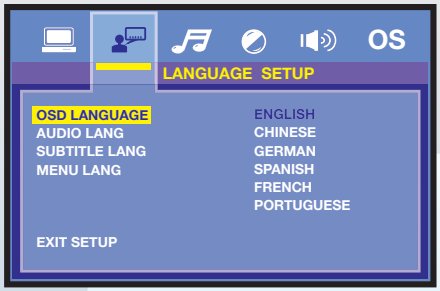


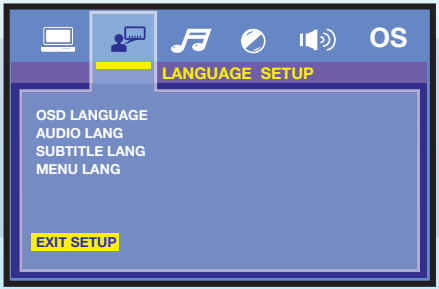




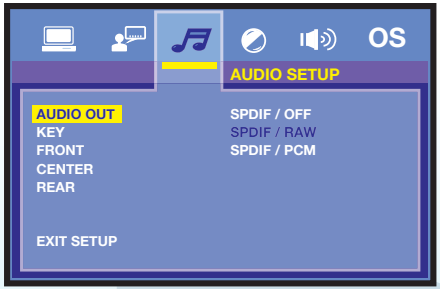


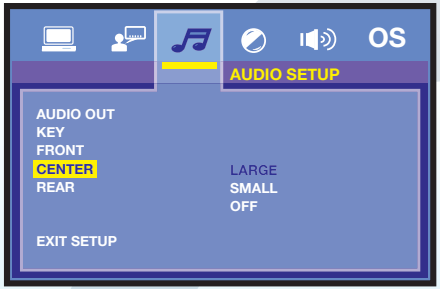
LANGUAGE SETUP

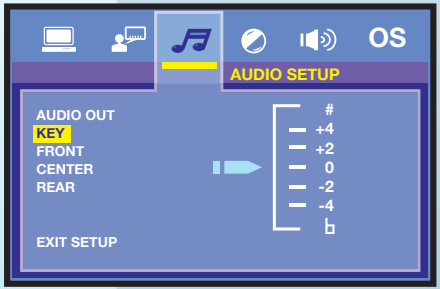


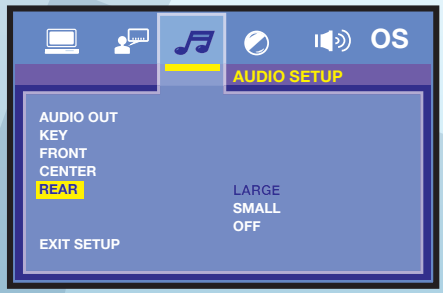


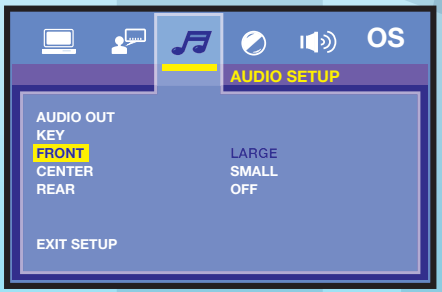
AUDIO SETUP

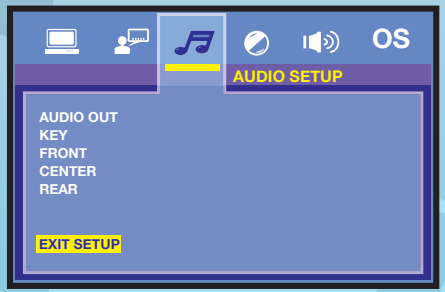

OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP
SPDIF / OFF
SPDIF / RAW
SPDIF / PCM


OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP
LARGE
SMALL
OFF


OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP
#
+4
+2
0
-2
-4

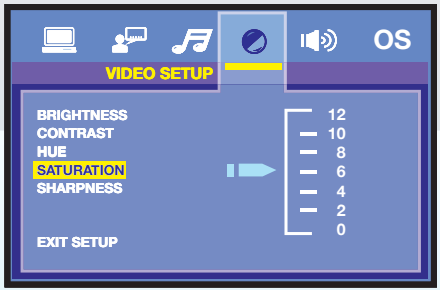

OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP
LARGE
SMALL
OFF


OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP
LARGE
SMALL
OFF

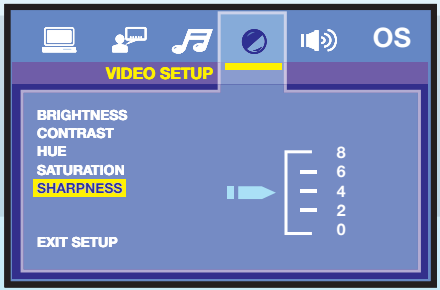

OS
AUDIO SETUP
AUDIO OUT
KEY
FRONT
CENTER
REAR
EXIT SETUP

VIDEO SETUP

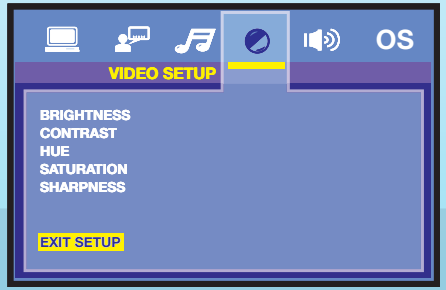
OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP
12
10
8
6
4
2
0


OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP
12
10
8
6
4
2
0

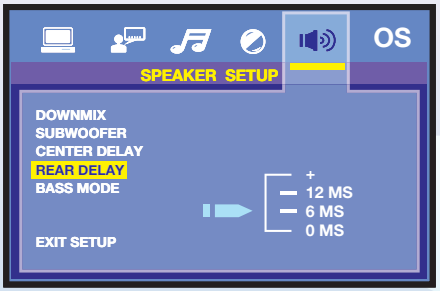
OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP
12
10
8
6
4
2
0

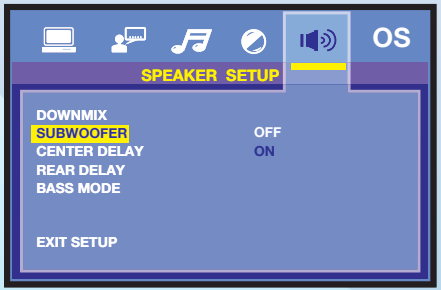

OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP
8
6
4
2
0

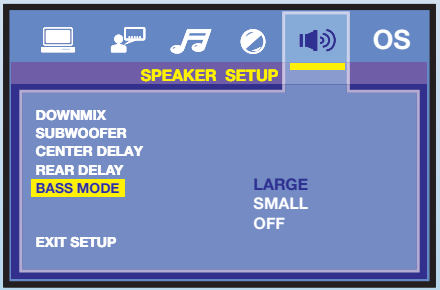
OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP
+6
+4
+2
0
-2
-4
-6

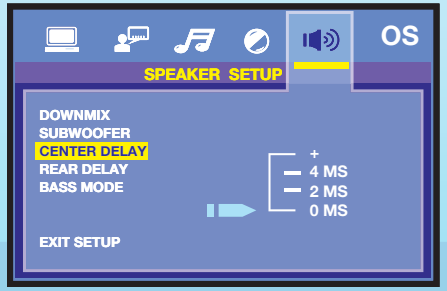

OS
VIDEO SETUP
BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS
EXIT SETUP

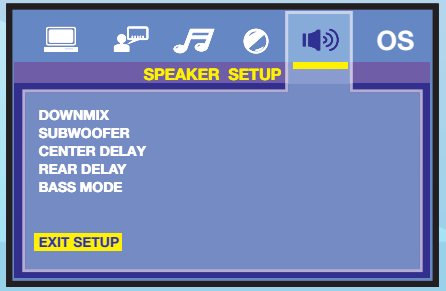
OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP
LT / RT
STEREO
VSS
5 . 1 CH


OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP
+
12 MS
6 MS
0 MS

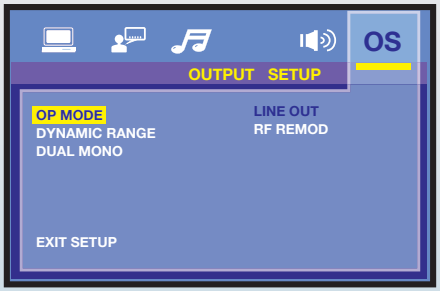

OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP
OFF
ON

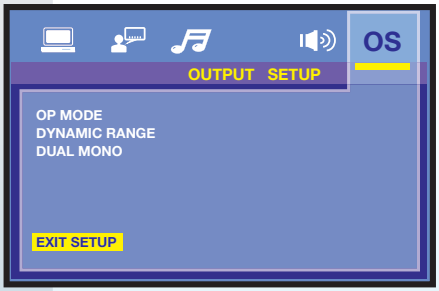

OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP
LARGE
SMALL
OFF

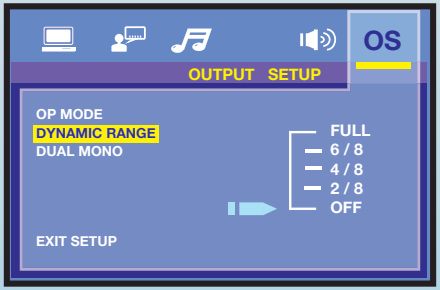

OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP
+
4 MS
2 MS
0 MS

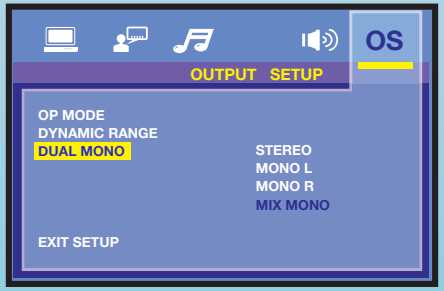

OS
SPEAKER SETUP
DOWNMIX
SUBWOOFER
CENTER DELAY
REAR DELAY
BASS MODE
EXIT SETUP

OUTPUT SETUP









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 it's 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 "PAL" or "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 MODE button for 10 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.

REMOTE MEMORIZATION

The remote is preset to work with the GT-3.0 when the “GT-3.0” button is pressed first.

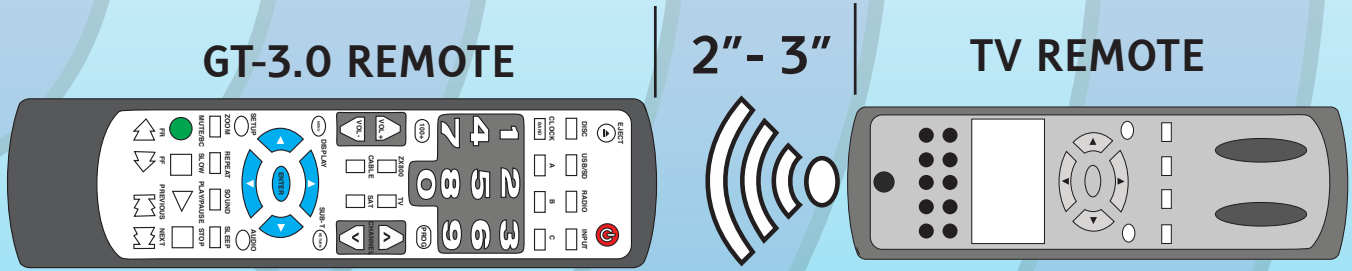
The remote is also capable of learning “TV”, “Cable” and “Satellite” functions using the following instructions.

It is advised that you read steps 1, 2 and 3 before attempting to program functions.

To Learn TV Functions do the following:

1. Point the top of GT-3.0 remote 2 to 3 inches from the top of the TV remote.

2. Press and hold the “TV” button on the GT-3.0 remote for 3 seconds and release when the “EJECT” button in the upper left corner lights red. This puts the remote in learning mode.
Note: *Eject will remain lit for only 10 seconds, after which the remote returns back to normal.*
Reminder*: The GT-3.0 remote will learn only one function at a time.*



3. Program TV's POWER button. While the "EJECT" button is lit press the GT-3.0 "POWER" button and the red light will slow flash. While this light is slow flashing, quickly press the POWER button on the TV remote. If the red light quickly flashes three times and then continues steady you have succeeded. To memorize and to exit learning mode press "TV" on the GT-3.0 remote. To verify press the "TV" button on the GT-3.0 remote and then press the "POWER" button. The TV's power should come on. If not you will have to repeat the above process.

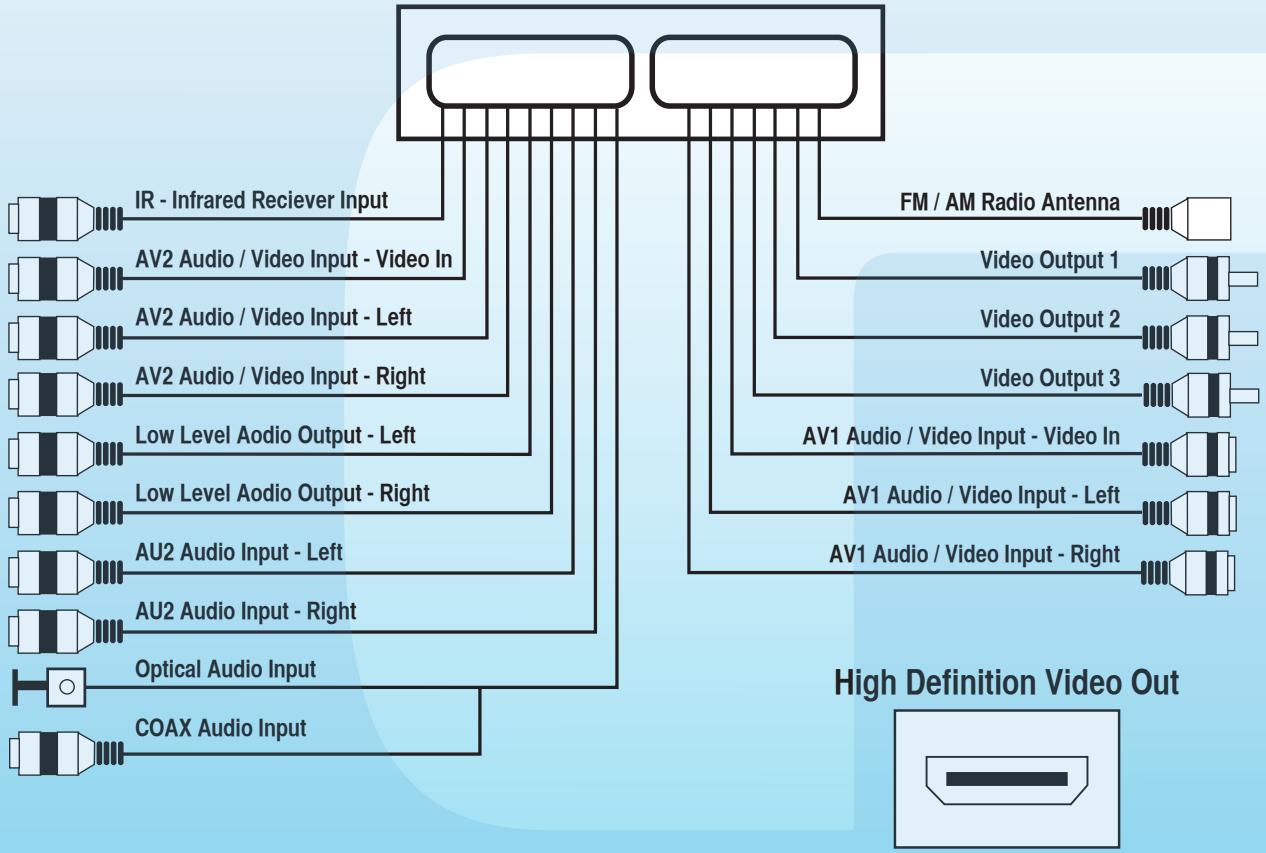
***Note**: If 10 seconds has passed and the learning light has gone out you will have to start back at #2.*

4. To continue to memorize more TV functions on the GT-3.0 remote do the following: Press and hold the "TV" button on the GT-3.0 remote for longer then 3 seconds and release when the "EJECT" button in the upper left corner lights red. This puts the remote in learning mode. While the "EJECT" button is lit press the GT-3.0 "VOLUME UP" button and the red light will slow flash. While this light is slow flashing, quickly press the VOLUME UP button on the TV remote. If the red light quickly flashes three times and then continues steady you have succeeded. From this point you can continue to memorize any button using the same operation. When you are finished memorizing functions Press the "TV" button on the GT-3.0 remote to exit learning mode.

SAT, Cable Remote Learning:

Press and hold SAT or Cable button on the GT-3.0 remote for more than 3 seconds and repeat above learning steps 2-4.

WIRING DIAGRAM



A:

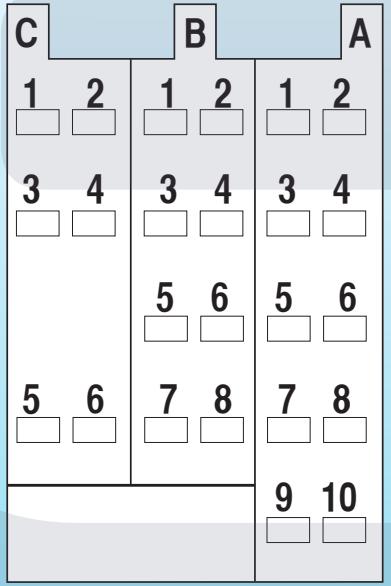
1. White/Black- Left Front (-)
2. White - Left Front (+)
3. Yellow/Black - Right Front (-)
4. Yellow - Right Front (+)
5. Green/Black - Left Rear (-)
6. Green - Left Rear (+)
7. Gray/Black - Right Rear (-)
8. Gray - Right Rear (+)
9. Brown/Black - Center (-)
10. Brown - Center (+)

B:

1. Orange/Black- B Left (-)
2. Orange - B Left (+)
3. Light Blue/Black - B Right (-)
4. Light Blue - B Right (+)
5. Pink/Black - C Left (-)
6. Pink - C Left (+)
7. Purple/Black - C Right (-)
8. Purple - C Right (+)

C:

1. Dark Blue /Black- SUB 1 (-)
2. Dark Blue - SUB 1 (+)
3. Dark Blue /Black- SUB 2 (-)
4. Dark Blue - SUB 2 (+)
5. Black Chassis Ground (-)
6. Chock 12V/15A Red Constant 12 Volt Soource(+)

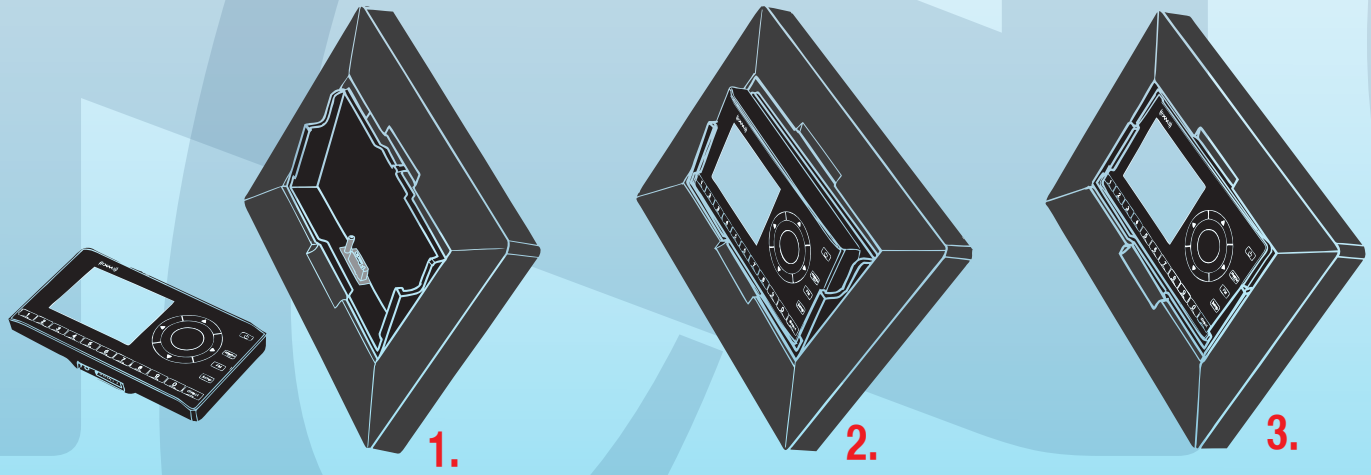


ACCESSORIES

*ony*X Wall Plate

***ony*X** reciever installiation

1. Press the top of the spring loaded ***ony*X** wall plate cradel to release the cradel from the wall plate.
2. Insert the ***ony*X** reciever into the cradel.
3. Press and push the top of the ***ony*X** reciever into the wall plate to finish the installiation.



GT-3.0 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	4Ω (4-8Ω 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	AUTO/PAL/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).
Weather Band Tuner Section, Channels	(MHz) 162.400, 162.425, 162.450, 162.475, 162.500, 162.525, 162.550
Bluetooth®	Version 2.0, Class II
Advanced Audio Distribution OPP, OBEX, SPP, A2DP, AVRCP	

FCC COMPLIANCE

15.19 Labeling requirements.

(a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or verification shall be labeled as follows.

(1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90, etc., shall bear the following statement in a conspicuous location on the device: This device complies with art 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

(2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device: This device is verified to comply with part 15 of the FCC Rules for use with cable television service.

(3) All other devices shall bear the following statement in a conspicuous location on the device:

This devise 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.

GENESIS TECHNOLOGIES™

GT-3.0

Operation Manual

GT-3.0

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AM/FM/WB/CD/DVD/MP3/MP4

Digital 5.1 Surround Sound - Optical / SPDIF Audio Input - High Definition Video Out

Bluetooth®