

## LIMITED WARRANTY

If your product does not work properly because of a defect in material or workmanship, Custom Autosound Mfg., Inc. (the Company) will for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or refurbished product. The decision to repair or replace will be made by the company.

Product or Part Name	PARTS	LABOR
All In-dash car radios, radio/tape player combinations.	Two (2) Years	One (1) Year

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of the original purchase date is required for Limited Warranty service.

To obtain repairs or replacement within the terms of this warranty, the product should be delivered, transportation prepaid, to the Company at the address shown below.

This warranty does not extend to the elimination of car static or motor noise correction antenna problems, costs incurred for removal or reinstallation of product, or damage of tapes, speakers accessories or car electrical systems.

This warranty does not apply to any product or part thereof which has been damaged through alteration, mishandling, misuse neglect, or accident.

ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. UNDER NO CIRCUMSTANCES SHALL THE COMPANY BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT: No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty last or the exclusion or limitation of incidental or consequential damage to the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



1030 W. Williamson Ave. Fullerton CA. 92833  
800-888-8637 714-773-1423 FAX 714-773-1523



**The Custom Autosound Secret Audio model SST-V is the perfect hideaway audio solution for Classic Cars, Vintage Vehicles and Custom Street Rods.**

### **The SST-V features include:**

- 18 FM PRESET/12 AM PRESET RADIO TUNER
- BUILT IN BLUETOOTH FOR STREAMING AUDIO AND HANDSFREE CALLING
- VERSATILE MOUNTING COMMANDER CONTROL DISPLAY
- ALPHA NUMERIC LCD DISPLAY FOR ARTIST/SONG ON USB, IPHONE, IPOD
- IPOD/IPHONE/ FLASH DRIVE CONTROL THRU USB
- 1.1A USB SMART PHONE CHARGING
- OPTIONAL CD CONTROL FOR CD-1CD PLAYER
- 200- WATT (4 X 50W) AMPLIFIER
- SEPARATE BASS, TREBLE, MID & SUBWOOFER OUT CONTROL
- 9 SELECTABLE EQ CURVES- Jazz, Pop, Classic, Rock, etc.
- FRONT AND REAR RCA PREOUTS
- LEFT/RIGHT SUBWOOFER RCA PREOUTS
- RCA AUX INPUT
- RF REMOTE CONTROL
- SATELLITE READY

## 7. SPECIFICATIONS

### FM Tuner

Frequency Range: USA 87.9 - 107.9MHz  
Europe 87.5 - 108.0MHz  
Asia 87.5 - 108.0MHz  
Australia 87.5 - 108.0MHz  
Usable Sensitivity: 4 $\mu$ V (S/N=30dB)  
Image Rejection: >45dB  
Stereo Separation: >25dB

### AM Tuner

Frequency Range: USA 530 -1710KHz  
Europe 531 - 1602KHz  
Asia 531 - 1629KHz  
Australia 531- 1629KHz  
Usable Sensitivity: 40dB (S/N=20dB)

### Weather Band Selection

CH.1 162.400MHz CH.2 162.425MHz  
CH.3 162.450MHz CH.4 162.475MHz  
CH.5 162.500MHz CH.6 162.525MHz  
CH.7 162.550MHz

### Audio

Maximum Power Output: 50W x 4  
Bass Control (60Hz):  $\pm$  12dB  
Treble Control (10kHz):  $\pm$  12dB  
Middle Control:(1kHz):  $\pm$  12dB

### USB

USB: 2.0 High Speed  
USB Port: 1.0A  
USB Voltage: 5.0V  
Maximum MP3/WMA Songs: 65535  
Maximum MP3/WMA Folder: 255  
Maximum Songs per Folder: 65535  
Maximum USB Memory Size: 32G  
USB Flash Drive and Hard FAT/FAT32  
Drive Compatible Format:

### Bluetooth

Specification: Bluetooth Version. 3.0+EDR  
(Enhanced Data Rate)  
Supported Profiles: A2DP (Advanced Audio  
Distribution Profile)  
AptX (CD Quality audio  
bandwidth matching and  
reproduced)  
AVRCP 1.4 (Audio/Video  
Remote Control Profile)  
SPP (Serial Port Profile)  
SSP (Simple Secure Pairing)  
Send/Receive Sensitivity: Class 2

### General

Power Supply Voltage: 14.4V DC (10.8 to 15.6V  
allowable)  
Grounding System: Negative Ground  
Speaker Impedance: 4-8 ohms per channel

*Note: Specifications and design are subject to  
change without notice for further improvement.*

Power Output:  
20W x 4 RMS (4  $\Omega$  @14.4V  
 $\leq$  1% THD+N)  
Signal to Noise Ratio:  
74dB (reference: LPF 1 W into 4 $\Omega$ )



## 6. TROUBLESHOOTING

### GENERAL

Problem	Cause	Measure
The unit will not power on	The vessel's accessory switch is not on	If the power supply is properly connected to the vessel's accessory terminal, switch the ignition key to "ACC"
No sound	Volume is set too low	Increase the volume to audible level
	Wiring is not properly connected	Correct wiring connections
The controller is not responding	The built-in internal processor is not operating properly	Press the RESET button with a ball point pen 
Auto seek function can not find any stations	The antenna cable is not connected	Insert the antenna cable securely
	The signals are too weak	Select a station manually

### Bluetooth

Problem	Cause	Measure
Cannot pair the Bluetooth enabled device with the audio system.	The device does not support the profiles required for the system.	Use another device to connect.
	The Bluetooth function of the device is not enabled.	Refer to the user manual of the device for how to enable the function.
The audio quality is poor after connection with a Bluetooth-enabled device.	The Bluetooth reception is poor.	Move the device closer to the audio system or remove any obstacle between the device and the system.

### Satellite Advisory Messages

Message	Description
CHEK TUNER	Check the Satellite tuner connection on the back of the unit to ensure that its correctly connected.
CHK ANTENA	Ensure the Satellite antenna cable is connected to the Satellite tuner correctly. Check the Satellite antenna wire for breaks or sharp bends. Replace the antenna if necessary. Press RESET located..... If the message remains, the antenna may have been damaged.
NO SIGNAL	The vehicle must be outside, and the antenna must have a clear view of the southern sky. The magnetic antenna must be mounted on the outside of the vehicle for the best reception.
CHAN UNSUB	This channel is not included in your Satellite subscription plan. Call 1-866-635-2349 to subscribe.
CH UNAVAIL	This channel is not a valid Satellite channel. The channel number has been entered incorrectly, or the channel was removed from the Satellite channel lineup
CH LOCKED	The selected channel has been locked by a mature channel has been selected. A prompt to enter the unlock code will appear.
SUBSCRIPTN UPDATED	An update to your Satellite subscription has been received by the Satellite tuner. Press any button to continue.

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## SAFETY INFORMATION

### Protect from Water

Do not submerge or expose the product to water, as this can cause electrical shorts, fire or other damage.

### Protect from High Temperatures

Exposure to direct sunlight for an extended period of time can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback. Do not mount radio within close proximity of engine compartment.

### Use the Proper Power Supply

This product is designed to operate with a 12 volt DC negative ground battery system.

### WARNING:

- DO NOT OPEN, DISASSEMBLE OR ALTER THE UNIT IN ANY WAY. Doing so may result in fire, electric shock or product damage.
- USE THE CORRECT AMPERE RATING WHEN REPLACING FUSE. Failure to do so may result in fire, electric shock or product damage.
- DO NOT INSTALL IN LOCATIONS THAT MIGHT HINDER VEHICLE OPERATION. Doing so may obstruct vision or hamper movement which can result in a serious accident.
- INSTALL THE WIRING SO THAT IT IS NOT CRIMPED OR PINCHED BY SCREWS OR SHARP METAL EDGES. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole. It is also recommended to apply sealing caulk to any opening that may potentially allow water to enter.
- Be sure to choose a location that is flat and has clearance above the unit to prevent any damage, as well as allow for ventilation.
- Before drilling any holes, carefully inspect the area underneath and behind the mounting surface where the devices will be mounted to make sure it will not interfere with existing wires, fuel lines, the fuel tank or any other objects that could be damaged.
- Always disconnect the vehicle negative battery terminal to prevent accidental shorting during installation.

## BLUETOOTH OPERATION

Press MODE button (9) and select "BT MODE".

### PAIRING THE BLUETOOTH DEVICE

1. Press the MODE button to BT AUDIO. From your Bluetooth enabled device search for Bluetooth devices.
2. When a list of available Bluetooth devices appears on your Bluetooth device, select "SECRETAUDIO".
3. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device. Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000".

### MAKING A PHONE CALL

Unit will automatically switch to Bluetooth when outbound call is made.

Hang up phone or press (3) to end call

### ANSWER A PHONE CALL

Audio source will be interrupted and display will show phone# or contact.

Press (2) to answer phone (or press {3} to decline call).

When call is completed, press (3) to end call.

### BLUETOOTH SEARCH FUNCTIONS

1. From the BT Audio play screen, press the SEARCH button(8) to display Selections.
2. Rotate knob (4) to scroll "MY MUSIC>PLAYLIST>RADIO
3. Press (5) to select. (press button {7} to go back)
4. Rotate knob (4) to scroll through options.
5. Press (5) to select
6. Rotate knob to scroll
7. Press (5) to select and play

### PLAY/PAUSE FUNCTION

1. Press >|| (10) button to pause the track/song that is currently playing.
2. Press >|| (10) button to resume playing the track/song that has been paused.  
>>| (2) Arrow Button and |<< (3) Arrow Button
3. Press the >>| (2) to advance to the next track/song. Press |<< (3) to go to the previous track/song.4. Press and hold >>| (2) to fast forward through track/song. Press and hold |<< (3) to fast backward through the track/song.

### REPEAT PLAY

1. Press RPT (12) button to repeat play of current track/song only. Press this button again to stop repeat play.

### RANDOM FEATURE

*This function allows you to play tracks/songs in random order.*

2. Press RDM button (13) to activate random play. Press button again to stop random play.  
*Note: Repeat and Random function may not work on all Bluetooth enabled devices.*

### AUX OPERATION

The AUX RCA inputs in this system are provided to allow playback of sounds and music from external devices connected to this unit.

1. Plug device into RCA L/R Aux Inputs
2. Press the Mode (9) button to select the "AUX In" and play device.

## USB MODE OPERATION

This unit supports MP3 and WMA formatted files from Window Media stored on USB flash drive and some USB music devices.

**Note: This unit does not support portable hard discs.**

**Note: Do not remove the USB device during play, as this may result in loss or damage to data.**

## ACCESSING USB MODE

Press the MODE button (9) to access USB mode.

1. Insert a USB device into USB pigtail (or when USB flash drive is inserted, unit will automatically switch USB mode.)
2. To remove the USB device, you should first select another source or turn off the power, to avoid damaging the USB device.  
>>| Right Arrow/ |<< Left Arrow buttons (2, 3)
  1. Press the >>| (2) to advance to the next track/song. Press and hold the >>| (2) to fast forward through the track/song.
  2. Press the |<< (3) to go to previous track/song. Press and hold the |<< (3) to fast backward through track/song.

## PLAY/PAUSE

1. Press the >|| (10) to pause the track/song that is currently playing
2. Press the >|| (10) to resume playing the track/song that has been paused.

## INTRO PLAY

1. Press 2 INT (11) button to play first 10 seconds of tracks/ song in current folder.
2. Press 2 INT (11) button to disable Intro Play.

## REPEAT PLAY

1. Press 3 RPT (12) button to repeat song currently playing. Press 3 RPT (12) button again to disable repeat function
2. Press and hold 3 RPT (12) button to repeat folder. "F" will appear before folder number. Press 3 RPT (12) button to disable repeat play.

## RANDOM PLAY

1. Press 4 ROM (13) button to random play tracks/songs in all files. Press 4 ROM (13) again to disable random play function
2. Press and hold 4 RDM (13) button for a few seconds to play all tracks/songs in current folder. "F" will appear on display before folder number. Press 4 RDM (13) again to deactivate random play function

## FOLDER SELECT FUNTCTION

This function allows you to select a folder containing MP3/WMA files and start playing from the first track in the folder.

1. In USS mode press the 5 DN (14) button to move one folder down. Press and hold (14) to move 10 folders down.
2. In USS mode press the 6 UP (15) to move one folder up. Press and hold (15) to move 10 folders up.

## Introduction

Thank you for your purchase of a Custom Autosound radio.

This factory made AM/FM receiver is specifically designed and manufactured for your classic special interest vehicle. It is a reflection of over 30 years of customer feedback regarding preferred features, vehicle compatibility, cosmetics and quality components.

The quality of the components and various parts that are used in our radios were developed in a California audio research laboratory. The laboratory researched and assembled the finest affordable iPod/USB/CDC controller radio tuner and amplifier sections.

Custom Autosound and its staff own over 16 classic special interest cars and trucks. These vehicles are used for research and development, car shows meets and much personal pleasure. We find that our custom radios only sound as good as the speakers they are matched with and a quality installation.

We also manufacture a full line of rear and dual front and dual voice coil speaker assemblies to fit in the original speaker areas, rear and overhead speaker assemblies and custom radios for over 300 different year groups and makes of classic vehicles plus Secretaudio the hideaway AM/FM CD Controller radio for any vehicle.

Your Custom Autosound authorized dealer has information regarding our speakers and special speaker assemblies, as well as information regarding custom radios for cars other than yours.

Again, we thank you for your purchase! You have increased the value and "Driving Pleasure" of your classic without damaging the originality.

Regards, Carl Sprague  
President  
Custom Autosound

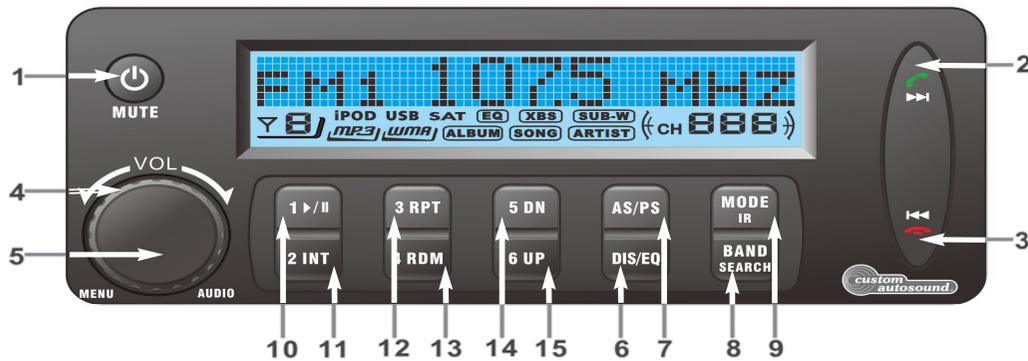
It's advised that you do not return defective units to your dealer. There is generally no "exchange" e.g.(as is Standard Electronics Industry Policy). Also, most dealers do not have radio technicians, test benches, etc and a return to factory through a dealer can extend turn-around times by weeks!

Please call Custom Autosound, requesting technical assistance if a problem occurs. We will gladly trouble shoot/advise step by step.

If your unit is in need of repair, Please ship to us, UPS preferably. We will repair or replace and return ASAP! Normal turn around time is 7 business days plus shipping time.

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## BASIC OPERATION

### Power On/Off

Press the POWER button (1) to turn the unit on. The unit will resume the last mode (Tuner, Aux, etc.). Hold and press this button for 3 seconds to turn off the unit.

### Volume Control

To increase the volume, turn the VOLUME knob (4) clockwise. To decrease the volume, turn the VOLUME knob (4) counter clockwise.

### Mute

Short press of the power button (1) will MUTE the sound. A second short press of the power button will resume audio output.

### Mode

Press the MODE button (9) on the control panel to select a different mode of operation, as indicated on the display panel. Available modes include SXM, AUX, BT CDC, USB and iPod

**NOTE: iPod and USB will be skipped if the module is not installed.**

### Reset

The reset button should be activated for the following reasons:

- initial installation of the unit when all wiring is completed
- function buttons do not operate
- error symbol on the display

Use a ball point pin or thin metal object to press the RESET button, located on the tuner box. You can recover factory default settings using the RESUME function located on the system menu. With "YES" flashing, press the SELECT button (4) to activate.

### Audio Menu

Press the AUDIO button (volume knob) (5) on the control panel to access the audio menu. You can navigate through the audio menu items by pressing the TUNE/TRK>>| or |<< button(2,3) or pressing the AUDIO button repeatedly. Once the desired menu item appears on the display, adjust that option by turning the VOLUME +/- control (4) within 5 seconds. The unit will automatically exit the audio menu after five seconds of inactivity. The following menu items can be adjusted.

**Bass Level** Use the VOLUME knob (4) to adjust the Bass level range from "-7" to "+7".

**Treble Level** Use the VOLUME knob (4) to adjust the Treble level range from "-7" to "+7".

**Balance** Use the VOLUME knob (4) to adjust the Balance between the left and right speakers from "L12" (full left) to "R12" (full right).

**Fader** Use the VOLUME knob (4) to adjust the Fader between the rear and front speakers from "R12" (full rear) to "F12" (full front).

## IPOD/IPHONE MODE OPERATION

### \*CONNECT

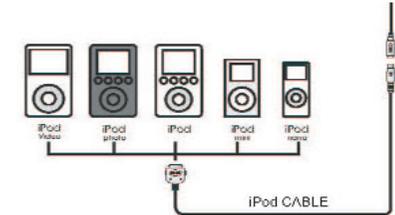
Connect an iPod/iPhone to the U5B pigtail using a iPod/iPhone U5B Cable. When connecting a device, the unit will read the files automatically. The track information displays on the screen once playback start.

### \*COMPATIBLE IPOD/IPHONE

You can connect the following iPod/iPhone:

- \* iPod nano (GG) iPhone 3GS
- \* iPod nano (7G) iPhone 4, iPhone 4S
- \* iPod Touch (3G) iPhone 5C
- \* iPod Touch (4G) iPhone 5S
- \* iPod Touch (5G) iPhone 6S

\*Minimum iOS 5.0 or higher



### \*SELECT TRACKS/SONGS

1. Press the >>| (2) Right Arrow to advance to the next track/song.

Press the |<< (3) Left Arrow to go to previous track/song.

2. Press and Hold in the >>| (2) Right Arrow to fast forward through the track/song.

Press and Hold in the |<< (3) Left Arrow to fast backward through the track/song.

### \*PLAY/PAUSE (10)

Press the >|| button (10) to pause the track/song that is currently playing.

Press the >|| button (10) to resume playing the track/song that has been paused.

### \*DISPLAY BUTTON (6)

Press DIS button (6) to check iPod information.

Continue to press and release (6) to display ALBUM/ARTIST/SONG **OPTIONS (8)**

From the iPod/iPhone play screen, press (8) Band Search

to access the iPod/iPhone options.

iPod/iPhone Mode Options:

### \*SEARCH FUNCTIONS

1. Press (8) Band Search
2. Rotate knob (4) to scroll through options: Playlists/ Artists/ Albums/Genres/Songs/Composer/etc.
3. Press (5) to select option.
4. Rotate knob to scroll through selections.
5. Press (5) to select.
6. Rotate knob (4) to scroll through songs.
7. Press (5) to select and play song

### \*REPEAT FEATURE

Press RPT button (12) to repeat song

Press RPT button (12) to turn off repeat function.

### \*RANDOM FEATURE

Press RDM button (13) to activate random play. Press RDM button (13) to turn off random play.

iPod Compatibility Chart	
This unit supports the following iPod versions.	
iPod 1G	----Not Supported
iPod 2G	----Not Supported
iPod 3G	----Supported
iPod Mini	----Supported
iPod 4G	----Supported
iPod Photo	--Supported
iPod Nano	-- Supported
iPod 5G(Video)	Supported
iPod Touch	-- Supported
iPhone Not	--Supported
iPod Classic	All versions --Supported

## DIRECT CHANNEL ACCESS SEARCHING

- Press and hold (5) to access DIRECT TUNE. Press (5) again and "INPUT CHN 0\_ \_" will appear on display.
- Rotate knob (4) clockwise or counter-clockwise to navigate through number 0 - 9 to first digit of channel number.
- Press >>I (2) to advance to the 2nd digit position of channel number, then rotate knob (4) to select number. Press >>I (2) to advance to 3rd digit position and use knob (4) to select last number of channel.
- Press (5) to confirm channel entry.

## PARENTAL CONTROLS

In SXM mode, the SST-V offers a Parental Control feature that allows you the ability to prevent unauthorized access to mature content channels. When enabled, the Parental Control feature requires you to enter a passcode to tune to the locked mature content channels. Information on setting up the passcode, setting up the mature content channels to be locked, and method to access the locked channels is described below.

1. To set up passcode in SXM mode, press and hold (S) until "Direct Tune" displays. Press >>I (2) twice and "Parental" will display. Press (5) the "CodeOLD \_\_\_\_" will appear. (Default passcode is "1111".) Press >>I (2) or I<< (3) to select digit. Use buttons (10) through (15) as numbers 1 through 6 to enter passcode. "Code New" will display. If you wish enter a new passcode (or enter default passcode) and press (5). "CodeAga" (Again) will now display. Enter chosen passcode again as confirmation. "Successful" will display if it is successful. (Remember or write down your passcode.)
2. To lock out channels with mature content, press and hold (5) until "Direct Tune" appears, then press >>I once to "MatureCH". Press (5) and "Lock/Unlock" will display. Use knob (4) to choose "Lock" and enter passcode. "Successful" will then appear. Direct tuning to mature channels will now require passcode to access.
3. To access the mature content channels, press and hold (5) to "Direct Tune". Press (5) again and input desired mature channel. "Lock Code" or "Enter Code" will display. Enter passcode. Now you hear that mature content channel.
4. If you chose to unlock all mature content, press and hold (5) to "Direct Tune". Press >>I (2) one to "MatureCH". Press (5) then use knob (4) to choose "Unlock". Enter passcode. "Successful" will appear. You should now be able to access all mature content without passcode. (Note: Use RESUME in System menu instructions to reset passcode to factory default value)

## INSTANT REPLAY (IR) FUNCTION

The replay feature allows you to pause, rewind and replay live satellite radio.

1. While listening to satellite channel, press and hold MODE/IR (9) button until "IR Paused" appears.
2. Press >/II (10) to resume playback of stored audio from the point at which it was paused. During playback, tuner will continue to store channel audio until you exit replay mode. Press I<< (3) to rewind playback. Press >>I (2) to fast forward though playback.
3. Press >/II (10) to exit replay mode of fast forward to "Memory End". Changing the channel will also end replay mode.

## System Menu

1. Press and hold the AUDIO button (volume control 5) for more than 3 seconds to enter the system menu. "MENU" will appear on the display, followed by the first menu item, "CON TRAST."
2. Press the TUNE/TRK >>| or |<< button (2, 3) to navigate the system menu and select the desired item.
3. Turn the VOLUME +/- knob (4) to adjust the selected menu item.
4. Press the AS/PS button (7) to return to the previous operation immediately or wait for 5 seconds to return automatically. The following items can be adjusted:
  - AREA (USA/EUROPE/AUST/ASIA/LATIN): Set frequency spacing for various regions.
  - DISTANT/LOCAL
  - CONTRAST (0 - 10): Set LCD contrast.
  - BEEP TONE (ON/OFF): Turn the audible beep ON/OFF (heard when function/buttons are selected).
  - VOL PGM (0 - 46): Select an automatic turn-on volume.
  - RESUME: Press (5) to RESUMING will shut off unit, clear all previous audio programs and presets and default to factory and satellite settings.

## Equalizer

Press the EQ button (6) to turn on the equalization function and select between nine predefined bass and treble curves: FLAT > JAZZ > POP > CLASSIC > ROCK > NEWS > URBAN > TECHNO > USER

## Auxiliary Input

To access an auxiliary device:

1. Connect a portable audio player to the AUX IN cables on the back of the tuner box.
2. Press the MODE button (9) to select Aux In mode.
3. Press MODE again to cancel Aux In mode and go to the next mode.

## Liquid Crystal Display (LCD)

The current frequency and activated functions are shown on the LCD panel. NOTE: LCD panels may take longer to respond when subjected to cold temperatures for an extended period of time. In addition, the visibility of the numbers on the LCD may decrease slightly. The LCD display will return to normal when the temperature increases to a normal range. The contrast of the display is adjustable - see system menu

## Quick Exit Hot Key

In the following modes and conditions, press the AS/PS button (7) 3 seconds to quickly exit the current operation without waiting for the system default time out:

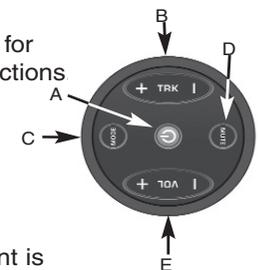
- System menu operation
- Searching mode
- Audio menu operation

## RF Remote Control

RF receiver unit must be plugged into the main tuner/amp box for the remote to function. The remote will control the following functions

- System on off - press this button to turn system on/off (A)
- Track +/- advance songs or channel up or down (B)
- Mode - change mode between tuner/USB/iPod/CD (C)
- Mute - mutes sound volume (D)
- Volume +/- turns volume up or down (E)

The remote requires a CR2430 3v battery. Battery compartment is on the back side of the remote. Twist cover to access.



## TUNER OPERATION

### Select a Band

Press the BAND button (8) to change between three FM bands and two AM (MW) bands and one weather-band.

### Manual Tuning

Press the TUNE/TRK >>| or |<< buttons (2, 3) to seek stations up/down step by step.

### Auto Seek Tuning

Press and hold the TUNE/TRK >>| or |<< buttons (2, 3) to automatically seek the next or previous strong station.

### Preset Stations

Six numbered preset buttons store and recall stations for each band.

#### Store a Station

Select a band (if needed), then select a station. Press and hold a preset button (10-15) for two seconds. The preset number will appear in the display.

#### Recall a Station

Select a band (if needed). Press a preset button (10-15) to select the corresponding stored station.

### Automatically Store / Preset Scan (AS/PS)

#### Automatically Store

Select a band (if needed). Press and hold the AS/PS (7) button for more than three seconds to automatically select six strong stations and store them in the current band. The new stations replace any stations already stored in that band.

#### Preset Scan

Select a band (if needed). Press AS/PS (7) to scan stations stored in the current band. The unit will pause for ten seconds at each preset station. Press AS/PS again to stop scanning when the desired station is reached.

### CD Player Mode (For CD-1 Operation Only)

Press Mode to go to CD MODE

#### Selecting Tracks >>(2) <<(3)

-Press the button >>(2) or <<(3) to skip to next track or last track on the CD.

-Press and hold the button >>(2) or <<(3) to fast forward or fast reverse through the disc. CD play starts when the button is released.

#### Play/Pause Disc playback 1 >/II(10)

Press button 1 >/II(10) to pause disc play, press this button again to resume disc play.

#### Previewing Tracks (11)

Press the 2 INT button (11) to play only first 10 seconds of each track in the current disc repeatedly. Press this button again to stop intro scan and resume normal play at the current track.

#### Repeat Play (12)

Press the 3 RPT button (12) during disc play to repeat play the current track, press this button again to stop repeat play.

Long press this button (12) to repeat play all the tracks on current CD. **Random**

#### Play (13)

Press 4/RDM button (13) during disc play to play all tracks on a CD in random order. Press this button again to stop random play.

## SATELLITE RADIO OPERATION

(Requires Optional Satellite Tuner) see your dealer or electronics retailer.

Satellite radio requires a paid subscription to receive programming. Your satellite tuner comes with a cable that plugs into the jack on the SST-V tuner amp. For antenna installation and subscription information see the manual that comes with the satellite tuner.

### SWITCHING TO SXM MODE:

Press the MODE button (9) to change the mode to SXM radio mode.

### ACCESSING YOUR SATELLITE ID CODE

In SXM mode press the TUNE/TRK >>/<< buttons (2/3) to channel "000". Your satellite ID# will now appear. Change channel to exit.pa

### CHANNEL UP/DOWN TUNNING

Press the TUNE/TRK |<< / >>| buttons (2/3) to search for a channel. Press and hold the TUNE/TRK buttons to fast search.

### SELECTING A BAND

In SXM mode, press the BAND Button (8) to access the satellite user-preset channel groups in the following order: SXMO, SXMI, SXM2

### STORING PRESET CHANNELS

The preset buttons (10-15) can be used to store 6 channels, allowing convenient access to your favorite channels.

1. Select the channel you want to store in memory.
2. Press and hold a preset button (10-15) until the corresponding preset button # appears.
3. Repeat steps 1 and 2 to program additional channels. Press AS/PS (7) to preset scan all your selected channels.

### QUICK TUNING

Press one of the six preset buttons (10-15) to select a preset channel directly.

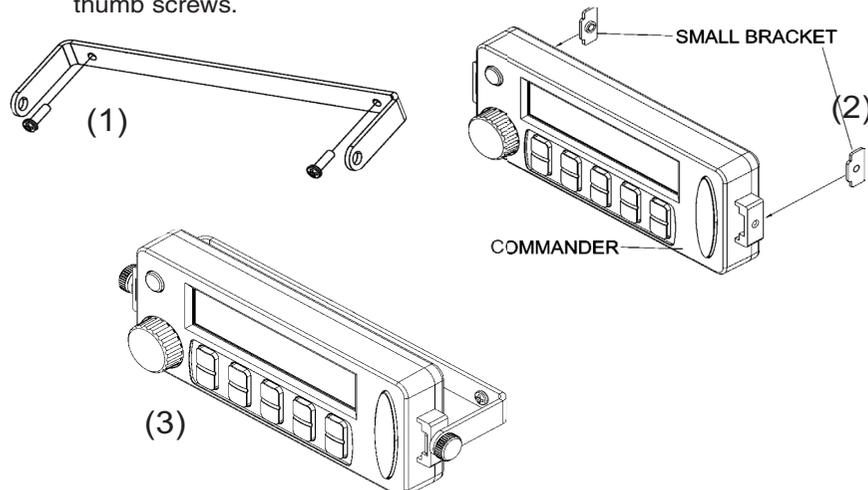
### CATEGORY NAVIGATION SEARCH

1. Short press and hold "button" (8) until "CATEGORY" appears on the LCD
2. Rotate the Volume knob (4) clockwise or counter-clockwise until preferred category appears (POP, ROCK, HIP-HOP, SPORTS, and so on). 23 different categories are available to choose from.
3. Once the desired Category is displayed, press Select (5). You will no be directed to the first channel in that category.  
Press the >>| button (2) to advance to other channels In that category. You can also press AS/PS (7) to scan all channels in that category. Press >/II (10) to return to original channel prior to category search.

## Wired Commander Mounting

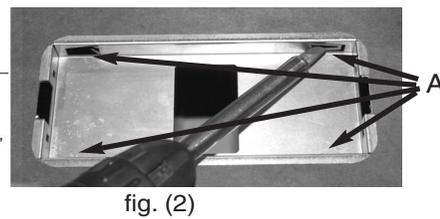
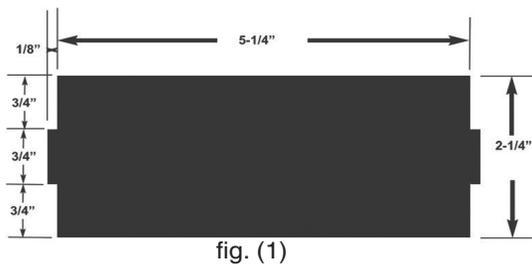
### Wired Commander Bracket Mount

- (1) Use the two self tapping screws (T3x12) to mount the Swivel Bracket in place.
- (2) Put the two small brackets into the right and left ears of Commander
- (3) Put the commander into the swivel bracket and fasten using the large machine thumb screws.



### Wired Commander flush Mount

- (1) Find a flat area that is a minimum of 5-3/4" w x 2-3/4" h
- (2) Check area behind for any obstructions. Needs a min. of 1" clearance
- (3) Cut a 5-1/4" w x 2-1/4" h hole for the flush mount bezel. Cut 1/8" w x 3/4" high clearance for tabs on side of LCD. (fig.1) **Be extremely careful to not cut this opening oversize** or the trim bezel will not cover up the hole. Best to cut the opening slightly small and then file to fit.
- (4) Insert metal bezel into cutout and bend mounting tabs (A) outward to secure it into the opening. fig. (2)
- (5) Place commander into bezel (fig. 3) and press fit plastic trim ring (B) over the commander. (fig.4)

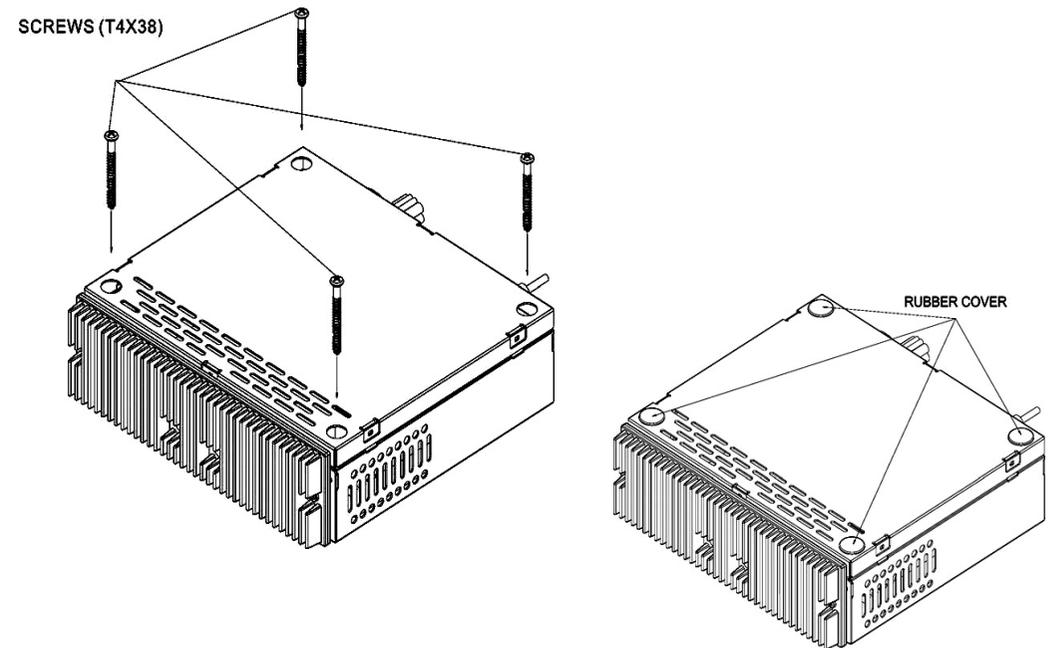


## Tuner/Amplifier Mounting

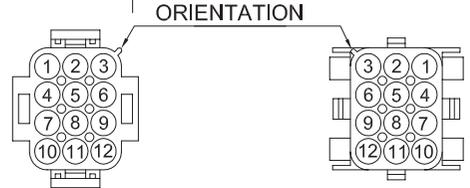
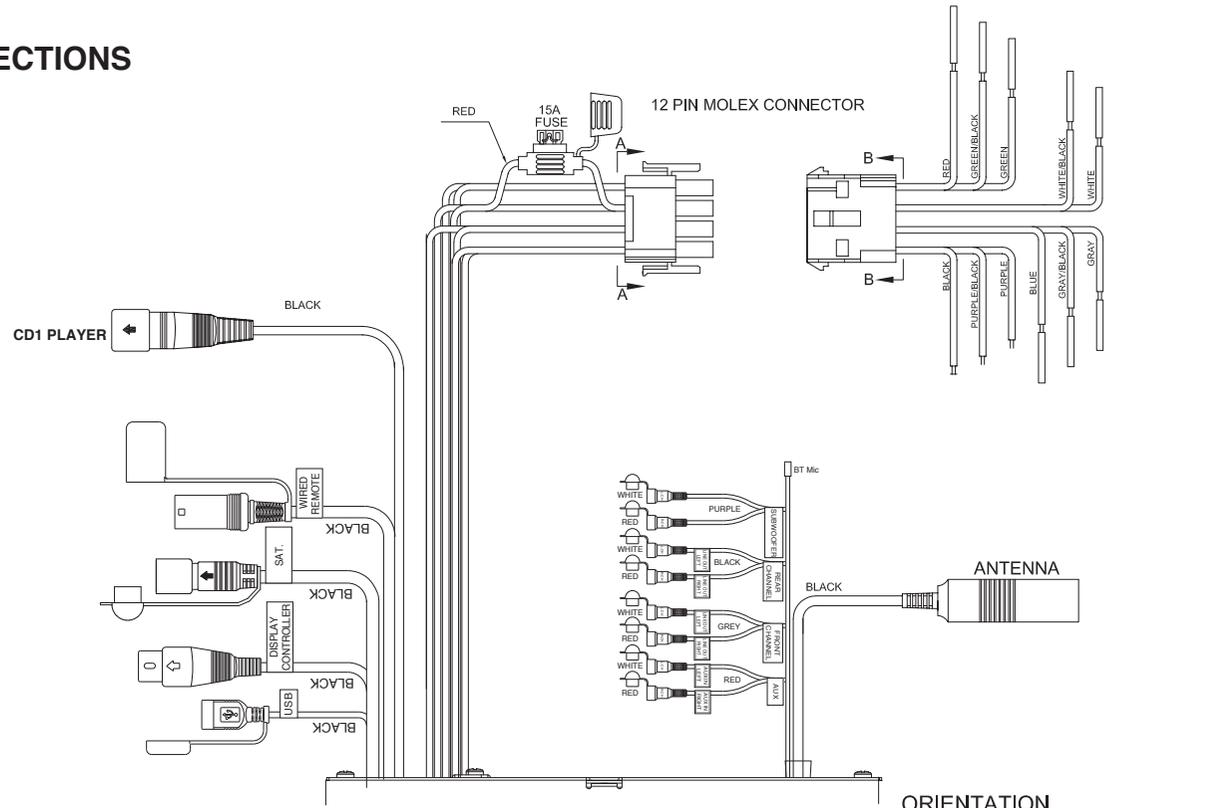
1. Choose a mounting area for the tuner/amp module that will provide plenty of ventilation to prevent the amplifier from overheating. The tuner/amp module can be mounted in the horizontal or vertical position. Please note that when mounting in vertical position, do not mount with the harness exit points facing straight up, as this will reduce the efficiency of the heat sink cooling.
2. Using the shortest length of the recommended size screws possible, mount the tuner/amplifier as detailed in the diagram below.
3. Route the tuner/ amplifier harness and cable throughout the vehicle as required. Keep some slack in the harness / cables so it won't be too tight, as this can cause damage to the wires.
4. Follow the wiring diagram carefully and make certain all connections are secure and insulated with crimp connectors or electrical tape to ensure proper operation.
5. After completing the wiring connections, reconnect the negative terminal on the battery and turn the unit on to confirm operation (vehicle accessory switch must be on). If the unit does not operate, disconnect battery, recheck all wiring and refer to the troubleshooting guide located in the back of the manual.

### Reconnect Battery

When wiring is complete, reconnect the battery negative terminal.



# WIRE CONNECTIONS



SECTION A-A                      SECTION B-B

PIN NO.	WIRE COLOR	WIRE DEFINITION	AWG
1	GREEN	SPEAKER REAR LEFT (+)	20
2	GREEN/BLACK	SPEAKER REAR LEFT (-)	20
3	RED	ACC (+12V)	16
4	WHITE	SPEAKER FRONT LEFT (+)	20
5	WHITE/BLACK	SPEAKER FRONT LEFT (-)	20
6			
7	GREY	SPEAKER FRONT RIGHT (+)	20
8	GREY/BLACK	SPEAKER FRONT RIGHT (-)	20
9	BLUE	POWER ANTENNA	20
10	PURPLE	SPEAKER REAR RIGHT (+)	20
11	PURPLE/BLACK	SPEAKER REAR RIGHT (-)	20
12	BLACK	GROUND (-)	16

## INSTALLATION

Before you begin, always disconnect the battery negative terminal.

### Important Notes

- Before final installation, test the wiring connections to make sure the unit is connected properly and the system works.
- Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.
- Consult with your nearest dealer if installation requires the drilling of holes or other modifications to your vehicle.
- Install the unit where it does not interfere with driving and cannot injure passengers if there is a sudden or emergency stop.
- Avoid installing the unit where it will be subject to high temperatures from direct sunlight, hot air, or from a heater, or where it would be subject to excessive dust, dirt or vibration.

- This system requires a minimum of 2 speakers (one speaker for each right and left channel) If you only have a location for one speaker our DVC (dual voice coil) speaker can be used. Do not connect any of the speaker leads to each other or vehicle ground.
- System requires 12 volt negative ground.
- Blue power antenna lead is for 12volt possitive trigger of optional amplifiers or power antenna relay. Do not connect to any accessory that requires high current. If your vehicle is not equipped with automatic antenna or amplifiers tape this lead off.