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.

<table>
<thead>
<tr>
<th>Product or Part Name</th>
<th>PARTS</th>
<th>LABOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>All In-dash car radios, radio/tape player combinations.</td>
<td>Two (2) Years</td>
<td>One (1) Year</td>
</tr>
</tbody>
</table>

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 as 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.

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, IPOD, IPOD
- IPD/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

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

#### FM Tuner

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Output</td>
<td>20W x 4 RMS (4 Ω @14.4V) ≤ 1% THD+N</td>
</tr>
<tr>
<td>Signal to Noise Ratio</td>
<td>74dB (reference: LPF 1W into 4Ω)</td>
</tr>
<tr>
<td>Frequency Range USA</td>
<td>87.9 - 107.9MHz</td>
</tr>
<tr>
<td>Frequency Range Europe</td>
<td>87.5 - 108.0MHz</td>
</tr>
<tr>
<td>Frequency Range Asia</td>
<td>87.5 - 108.0MHz</td>
</tr>
<tr>
<td>Frequency Range Australia</td>
<td>87.5 - 108.0MHz</td>
</tr>
<tr>
<td>Usable Sensitivity</td>
<td>4μV (S/N=30dB)</td>
</tr>
<tr>
<td>Image Rejection</td>
<td>&gt;45dB</td>
</tr>
<tr>
<td>Stereo Separation</td>
<td>&gt;25dB</td>
</tr>
</tbody>
</table>

#### AM Tuner

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range USA</td>
<td>530 - 1710KHz</td>
</tr>
<tr>
<td>Frequency Range Europe</td>
<td>531 - 1602KHz</td>
</tr>
<tr>
<td>Frequency Range Asia</td>
<td>531 - 1629KHz</td>
</tr>
<tr>
<td>Frequency Range Australia</td>
<td>531 - 1629KHz</td>
</tr>
<tr>
<td>Usable Sensitivity</td>
<td>40dB (S/N=20dB)</td>
</tr>
</tbody>
</table>

#### 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): ±12dB
- Treble Control (10kHz): ±12dB
- Middle Control (1kHz): ±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 Drive Compatible Format: FAT/FAT32

#### 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.
6. TROUBLESHOOTING

GENERAL

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

Bluetooth

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

Satellite Advisory Messages

<table>
<thead>
<tr>
<th>Message</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEK TUNER</td>
<td>Check the Satellite tuner connection on the back of the unit to ensure that it is correctly connected.</td>
</tr>
<tr>
<td>CHK ANTENA</td>
<td>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.</td>
</tr>
<tr>
<td>NO SIGNAL</td>
<td>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.</td>
</tr>
<tr>
<td>CHAN UNSUB</td>
<td>This channel is not included in your Satellite subscription plan. Call 1-866-635-2349 to subscribe.</td>
</tr>
<tr>
<td>CH UNAVAIL</td>
<td>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.</td>
</tr>
<tr>
<td>CH LOCKED</td>
<td>The selected channel has been locked by a mature channel has been selected. A prompt to enter the unlock code will appear.</td>
</tr>
<tr>
<td>SUBSCRIPTN UPDATED</td>
<td>An update to your Satellite subscription has been received by the Satellite tuner. Press any button to continue.</td>
</tr>
</tbody>
</table>

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

PLAY/PAUSE
1. Press the >/II (10) to pause the track/song that is currently playing
2. Press the >/II (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 FUNCTION
This function allows you to select a folder containing MP3/WMA files and start playing from the first track in the folder.

1. In USB mode press the 5 DN (14) button to move one folder down. Press and hold (14) to move 10 folders down.
2. In USB 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/CD 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 so 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.

Custom Autosound Mfg, Inc. 800-888-8637
1030 West Williamson Ave
Fullerton, CA 92833
Fax 714-773-1523
www.customautosoundmfg.com
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 USB pigtail using an iPod/iPhone USB 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) iPod 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 >>I (2) Right Arrow to advance to the next track/song.
2. Press and Hold in the >>I (2) Right Arrow to fast forward through the track/song.
3. Press and Hold in the I<< (3) Left Arrow to fast backward through the track/song.

*PLAY/PAUSE (10)
Press the >>II button (10) to pause the track/song that is currently playing.
Press the >>II 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.
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 en-
abled, 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.
Select 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 >>I (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 >>I (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
- Press the TUNE/TRK >>| or |<< buttons (2, 3) to seek stations up/down step by step.
- Press and hold the TUNE/TRK >>| or |<< buttons (2, 3) to automatically seek the next or previous strong station.

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 of 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 I<< / >>I 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 >>I 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)
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 12 volt positive 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.

WIRE CONNECTIONS

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<thead>
<tr>
<th>PIN NO.</th>
<th>WIRE COLOR</th>
<th>WIRE DEFINITION</th>
<th>AWG</th>
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<td>SPEAKER REAR LEFT (+)</td>
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</tr>
<tr>
<td>2</td>
<td>GREEN/BLACK</td>
<td>SPEAKER REAR LEFT (-)</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>RED</td>
<td>ACC (+12V)</td>
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<tr>
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<tr>
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<tr>
<td>12</td>
<td>BLACK</td>
<td>GROUND (-)</td>
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