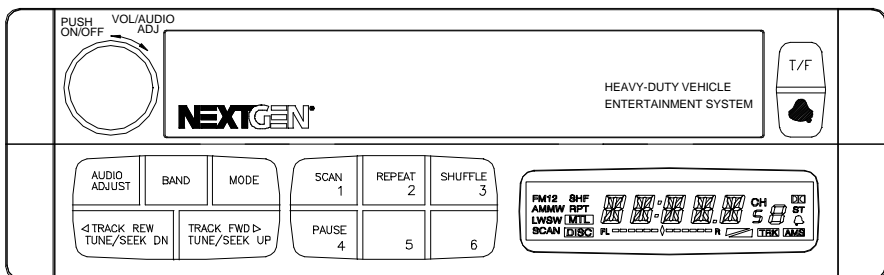


# NEXTGEN®

## INSTALLATION MANUAL



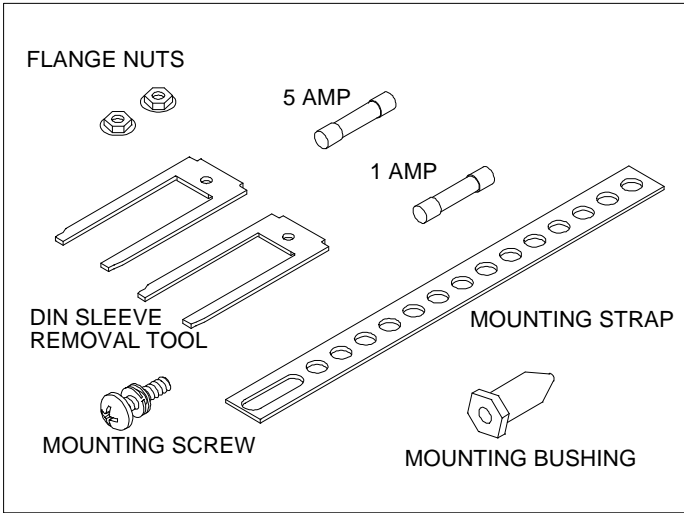
Audiovox Specialized Applications, LLC  
 23319 Cooper Drive  
 Elkhart, IN 46514  
 1-800-688-3135

[www.asaelectronics.com](http://www.asaelectronics.com)

**Content List:**

- 1) Nextgen Main Chassis
- 2) Hardware Kit
- 3) Wiring Harness
- 4) Installation Manual

**Hardware Kit**



<b>Wiring Color Code</b>			
From 4-Pin Harness	2-Bond Pair	Gray	Left Front (-)
		Gray/White	Left Front (+)
		Orange/White	Ignition
		Black	Chassis Ground
		Pink	12V Out 100mA
		Green/White	Memory
	2-Bond Pair	Gray	Right Front (-)
		Gray/Blue	Right Front (+)
	2-Bond Pair	Gray	Right Rear (-)
		Gray/Red	Right Rear (+)
	2-Bond Pair	Gray	Left Rear (-)
		Gray/Yellow	Left Rear (+)

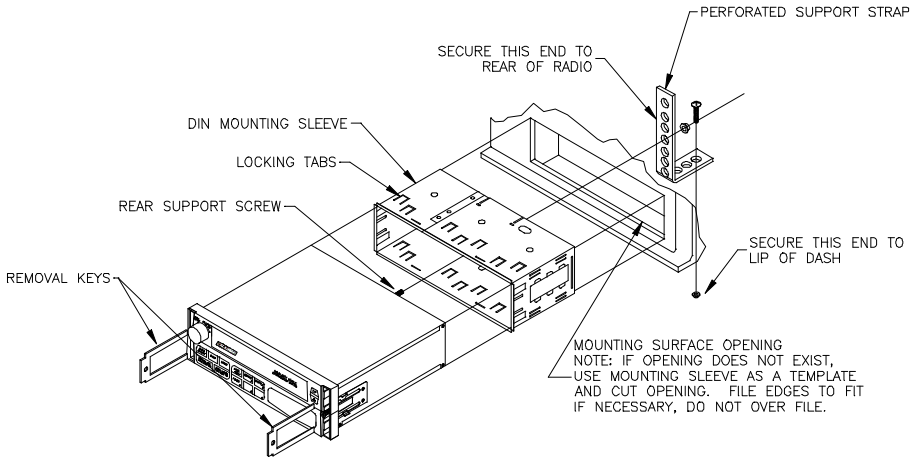
## **INSTALLATION INSTRUCTIONS- DIN RADIO**

This unit is designed for installation in vehicle cabs with an existing radio opening. In many cases, a special installation kit will be required to mount the radio to the dashboard. These kits are available at electronics supply stores and car stereo specialist shops. Always check the kit application before purchasing to make sure the kit works with your vehicle.

### **UNIVERSAL INSTALLATION PROCEDURE USING MOUNTING SLEEVE**

- 1) Remove endcaps and slide the mounting sleeve off of the chassis. If it is locked into position, use the removal tools (supplied) to disengage it.
- 2) Check the dashboard opening size by sliding the mounting sleeve into it. If the opening is not large enough, carefully cut or file as necessary until the sleeve slides easily into the opening. Do not force the sleeve into the opening or cause it to bend or bow. Check that there will be sufficient space behind the dashboard for the radio chassis. Connect wires prior to actually installing the sleeve. Pigtail wiring should take place after hole size is confirmed. Mount sleeve after wiring.
- 3) Follow the wiring diagram carefully and make certain all connections of the wiring harness are properly secured and insulated to insure proper operation of this unit. After completing the wiring connections, turn the unit on to confirm operation (ignition switch must be "on"). If unit does not operate, recheck all wiring until the problem is corrected. Once proper operation is achieved, turn off ignition switch and proceed with final mounting of the chassis.
- 4) Locate the series of bend tabs along the top, bottom, and sides of the mounting sleeve. With the sleeve fully inserted into the dash opening, bend tabs outward so that the sleeve is firmly secured to the dashboard.
- 5) Carefully slide the radio into the mounting sleeve making sure it is right side up until it is fully seated and the spring clips lock it into place.
- 6) Attach one end of the perforated mounting strap (supplied) to the screw stud on the rear of the chassis using the flange nut provided. Fasten the other end of the perforated strap to a secure part of the dashboard, either above or below the radio using the screw and flange nut provided, bend the strap to position as necessary.

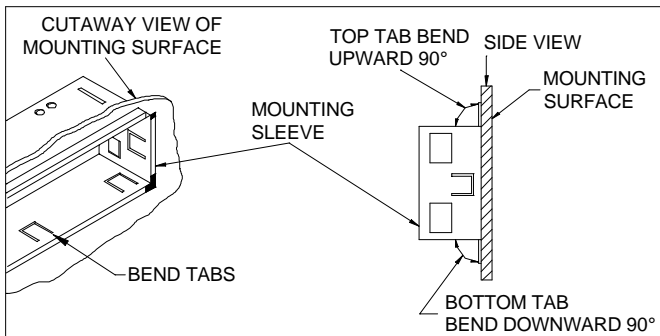
**CAUTION:** The rear of the radio must be supported with the strap to prevent damage to the dashboard from the weight of the radio or improper operation due to vibration.



## INSTALLATION USING KITS

1. If your radio requires the use of an installation kit to mount this radio, follow the instructions included in the kit to attach the radio to the mounting plate supplied with the kit.
2. Wire and test the radio as described in step 3 on page 2.
3. Install the radio/mounting plate assembly to the sub-dash according to the instructions of the installation kit.
4. Attach the support strap to the radio and dashboard as described in step 6 on page 2.
5. Replace the dashboard trim panel.

### MOUNTING TAB DETAILS



## **NEXTGEN CONFIGURATION**

The Nextgen radio can be programmed to change options and factory settings. Follow the steps outlined in the following pages to modify the radio as required for the options installed and for the mode of operation intended.

### **SETTING THE CLOCK FOR 12 OR 24 HOUR DISPLAY**

Hold down the AUDIO ADJUST button for greater than 3 seconds. The unit will then enter the general configuration menu. You should see CL-24 or CL-12. To select 12 hour clock operation, press the manual “tune up/track forward” button once or until CL-12 is displayed. If 24-hour clock operation is desired, press the manual “tune up/track forward” button until CL-24 is displayed. You can either press AUDIO ADJUST again or let the configuration menu timeout, within about 5 seconds.

### **CONFIGURATION OF AUXILLARY LOW-LEVEL AUDIO INPUT**

Hold down the AUDIO ADJUST button for greater than 3 seconds. The unit will enter the general configuration menu. Press the manual “tune down/track down” button until you see “IN--\*\*”. To configure the radio to accept low-level audio signal, scroll through menu items until “AUX--\*\*” (where \*\* can equal Y or N) is displayed. Use the manual “tune up/track forward” button to change the option to “AUX-Y”. To disable this feature, use the manual “tune up/track forward” button to change back to “AUX-N”. To exit configuration, press AUDIO ADJUST or let the menu timeout, within about 5 seconds.

## CONFIGURATION con't.

### CONFIGURATION OF WORLD BAND TUNER

Hold down the AUDIO ADJUST button for greater than 3 seconds. The unit will then enter the general configuration menu. To enter the tuner configuration menu, press preset 4, then preset 2. "CC--\*\*" will show up on the display (where \*\* can equal 11, 12, 14, 15, 16, or 21). Use the manual "tune up/track forward" button to select the proper country code for the region of interest. The country codes are listed below. To exit the configuration menu press AUDIO ADJUST or let the menu timeout, within about 5 seconds.

Country Code	Country	Band	Low	High	Step
11	North America	AM	530	1710	10kHz
		FM	87.9	107.9	200kHz
12	Europe	SW	5900	6200	5kHz
		AM	531	1629	9kHz
		FM	87.50	108.00	50kHz
		LW	144	288	9kHz
13	Pacific	AM	531	1629	9kHz
		FM	87.5	108.0	100kHz
14	Japan	AM	522	1629	9kHz
		FM	76.0	90.0	100kHz
15	Latin America	AM	530	1600	10kHz
		FM	88.0	108.0	100kHz
16	Brazil	AM	530	1620	10kHz
		FM	87.9	107.9	200kHz
21	Saudi Arabia	AM	531	1602	9kHz
		FM	87.5	108.0	50kZHz

### CONFIGURATION OF 2 AND 4 SPEAKER OPERATION

Hold down the AUDIO ADJUST button for longer than 3 seconds. The unit will then enter the general configuration menu. Press the manual "tune down/track down" button until you see "SP--\*\*" displayed on the readout (where \*\* can equal 2 or 4). Depending upon your setup, you'll change this menu item accordingly, using the manual "tune down/track down" button to modify the setting to either "SP-2" or "SP-4". Once configured to your particular setup, exit the configuration menu by pressing the AUDIO ADJUST or letting the menu timeout, within about 5 seconds.

## **CONFIGURATION- con't.**

### **CONFIGURATION OF TUNER SEEK SENSIVITY SETTING**

The scan sensitivity feature is designed to give flexibility during the tuner seek function. The tuner can be configured such that during seek, it will stop on strong stations, ignoring weaker signals. The tuner can also be configured to stop at all weak signals.

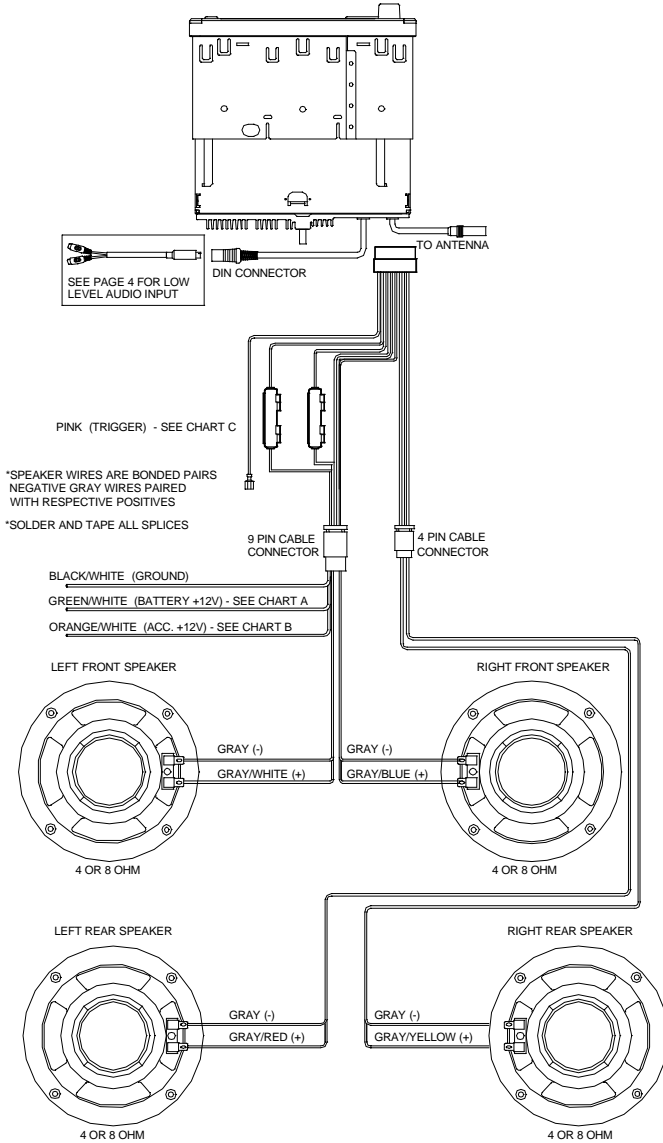
To configure the seek sensitivity setting, hold down the AUDIO ADJUST button for longer than 3 seconds. The unit will then enter the general configuration menu. While in the general configuration menu, press preset 4 and then preset 2. The unit is now in the tuner configuration menu. Press the manual "tune down/track down" button until you see "SC--\*\*" on the display (where \*\* can equal 00-15). The numbers are set such that at the setting "SC-00", the unit is more sensitive to weaker signals. This means that the seek function will stop at most or all weak signals. At "SC-15", the seek function will stop only at the strong stations. Use the manual "tune up/track forward" button to adjust the seek sensitivity of the tuner to a setting that will suit the application. To exit the tuner configuration menu, press AUDIO ADJUST or let the menu timeout, within about 5 seconds. For reference the factory setting is 08.

### **CONFIGURATION OF THE MECHANICAL CASSETTE MODULE**

Hold down the AUDIO ADJUST button for longer than 3 seconds. The unit will enter the general configuration menu. Press manual "tune down/track down" button until you see "IN--\*\*". For logic cassette, scroll through the menu options until "IN--\*\*" (where \*\* can equal NA, LT, CD, or CG) is displayed. For proper mechanical cassette operation, this setting should be set to "IN-NA". If this button setting is not "IN-NA", press the manual "tune up/track forward" button until this appears on the display. To exit configuration, press the AUDIO ADJUST or let the menu timeout, within about 5 seconds.

# WIRING DIAGRAM

See page 1 for color code



## **WIRING DIAGRAM – con't.**

CAUTION- Connect all speakers before turning the radio on. This radio is designed to operate with a minimum of two speakers.

### **CHART A-**

Green/White Wire

This wire maintains the pre-set memories and clock time.

### **CHART B-**

Orange/White Wire

This wire is connected to the “Accessory “ or “On” position of the key switch. The radio will then only operate when the switch is “On” and will automatically shut-off when the key is turned off. If a key switched connection is not possible, this wire may be connected to a constant +12V source. If this is the case, the radio must be manually turned “Off” after use to prevent excessive battery drain.

### **CHART C-**

Pink Wire

This wire provides a source of +12 volts only when the radio is turned on. It may be used to turn on an optional power amplifier (See instructions provided with the amplifier) or activate an automatic power antenna to extend when the radio is turned on, if the vehicle is so equipped. Maximum current draw from the pink wire is 0.1 Ampere, so do not connect it to accessories that require more than this. Improper operation or damage may result.

## **CONFIGURATION- con't.**

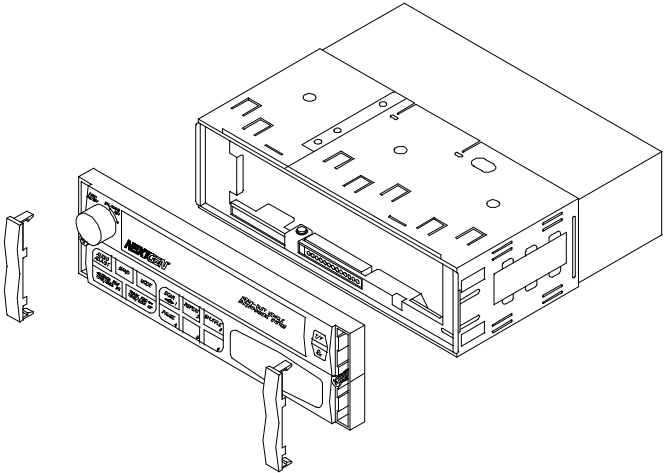
CAUTION- DO NOT ATTEMPT TO INSERT A CD BEFORE THE RADIO HAS BEEN PROPERLY CONFIGURED FOR CD. THIS WILL CAUSE IMPROPER OPERATION AND MAY CAUSE LOCK UP. IF LOCK UP OCCURS, REMOVE THE CD MECHANISM FROM THE RADIO AND POWER THE UNIT WITHOUT THE MECHANISM IN PLACE. IT IS ALWAYS BEST TO CONFIGURE THE RADIO BEFORE OPERATING A MODULE.

### **CONFIGURATION OF CD MODULE**

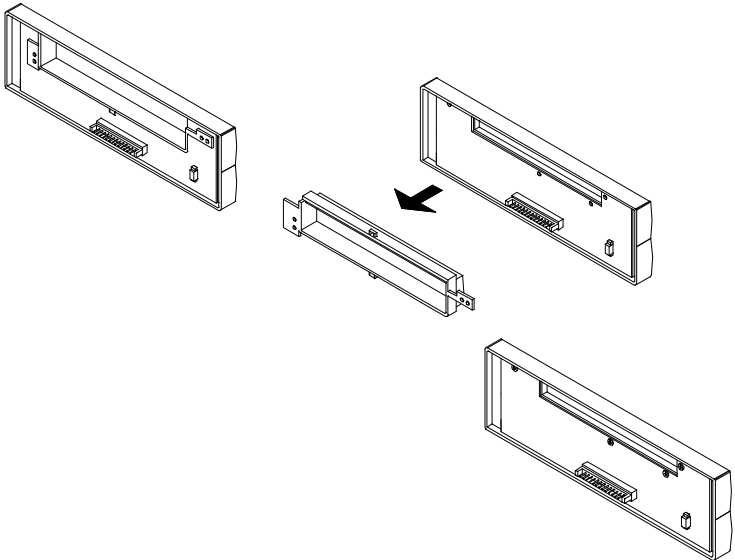
Hold down the AUDIO ADJUST button for longer than 3 seconds. The unit will enter the general configuration menu. Press manual “tune down/track down” button until you see “IN--\*\*” (where \*\* can equal NA, LT, CD, or CG) is displayed. For proper CD operation, this setting should be set to “IN-CD”. If this setting is not set to “IN-CD”, press the manual “tune up/track forward” button until this appears on the display. To exit configuration, press AUDIO ADJUST or let the menu timeout, within about 5 seconds.

# OPTIONAL MODULE INSTALLATION

1. Remove endcaps and loosen front escutcheon screws from the faceplate, carefully removing the faceplate.



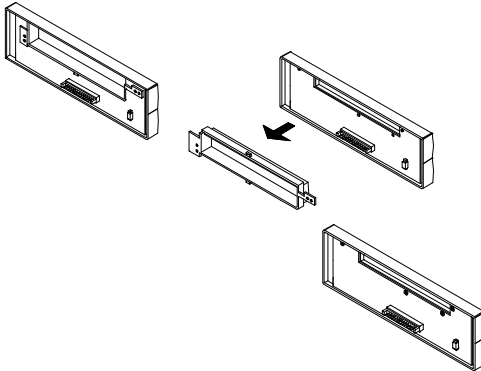
2. Carefully remove knockout by un-snapping the top and bottom center clips and discarding the knockout.



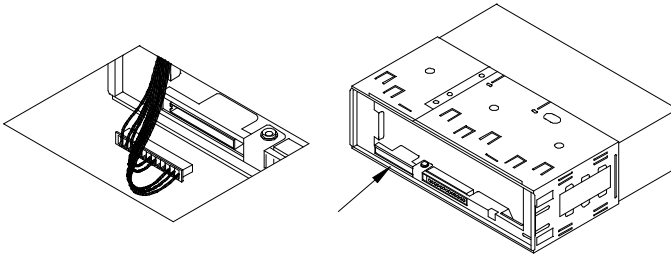
## INSTALLING THE CD MODULE (NGMCD2)

**CAUTION: DO NOT INSERT CD UNTIL THE RADIO CONFIGURATION IS COMPLETE!** Refer to page 11 configuration instructions.

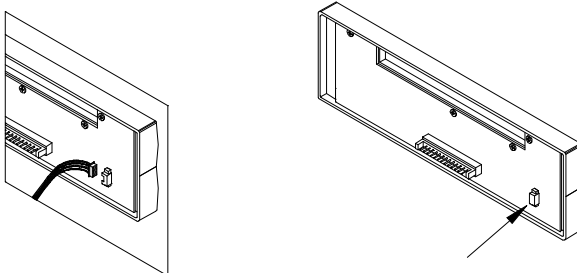
**CD1.** For installation of CD module (NGMCD2), follow steps 1-3 on page 11. Insert the CD Module into the Nextgen chassis until it clicks in place.



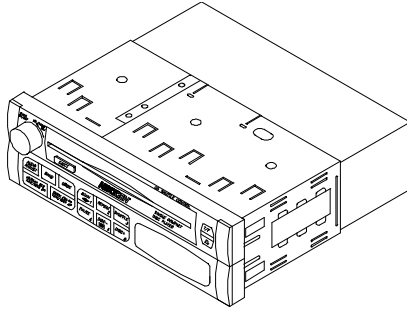
**CD2.** Connect the 14-pin connector from the CD module to the Nextgen chassis on the bottom left corner 14-pin socket.



**CD3.** Connect the 4-pin connector from the Nextgen CD Module to the 4-pin socket on the backside of the faceplate.

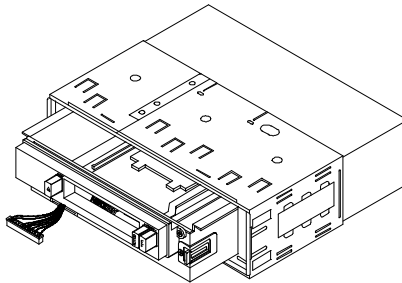


**CD4.** Re-Install faceplate taking care not to pinch wiring from the CD Module chassis. Press the faceplate on the lower bottom center to seat the 18-pin connector before tightening escutcheon screws. Replace endcaps.

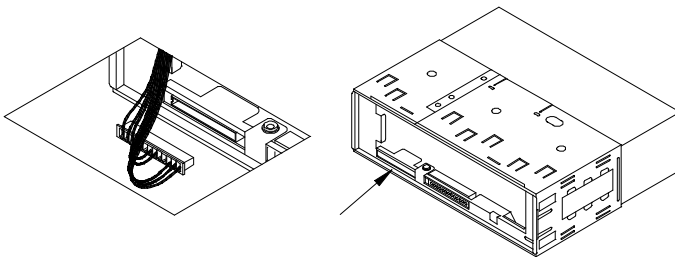


### **INSTALLATION OF THE CASSETTE MODULE (NGMMC2)**

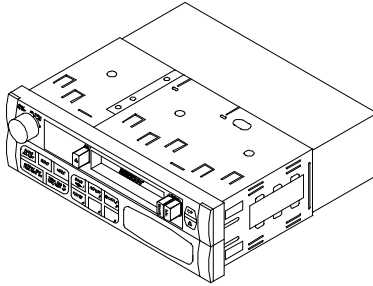
**MC1.** For installation of the Nextgen Cassette Module, follow steps 1-3 on page 4. Insert the Cassette Module in the Nextgen chassis until it clicks into place.



**MC2.** Connect the 14-pin connector from the Cassette Module to the Nextgen chassis on the bottom left corner 14-pin socket.



**MC3.** Re-install face plate taking care not to pinch wiring from the Cassette Module chassis. Press the faceplate on the lower bottom center to seat 18-pin connector before tightening escutcheon screws. Replace endcaps.



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