

**CDC-MCR2
FM MODULATOR / WIRED COMMANDER
FOR CD CHANGER SYSTEMS**

**CDC-10R
WIRELESS REMOTE CONTROL**



**OWNER'S
MANUAL**

OPERATING INSTRUCTIONS

The CDC-MCR2 FM Modulator/Wired Commander is designed to permit operation of compatible SPS/Audiovox CD changers through the FM section of any car stereo system. Please check with your SPS/Audiovox car stereo specialist for recommendations of the CD changer models that will work with the CDC-MCR2. The specific details on the handling of discs and the use of the CD magazine (loading, removal, etc.) will be found within the Owner's Manual of the compatible changer.

Since the CDC-MCR2/CD changer system will operate through the FM stereo section of your existing sound system, adjustment of the audio functions (volume, tone, balance etc.) is made by using the controls on the car stereo. Control of disc play is by the wired commander of the CDC-MCR2 which can be conveniently mounted to the dashboard, as well as by the CDC-10R wireless remote control. The output from the FM modulator of the CDC-MCR2 is at 88.7 or 89.1 MHz. (set by the installer) on the FM band. To simplify operation of the system, it is recommended that a pre-set memory pushbutton on the radio be set to the selected output frequency of the modulator. Consult the operating instructions of the car stereo for directions on setting the memory pushbuttons.

SETTING UP FOR OPERATION

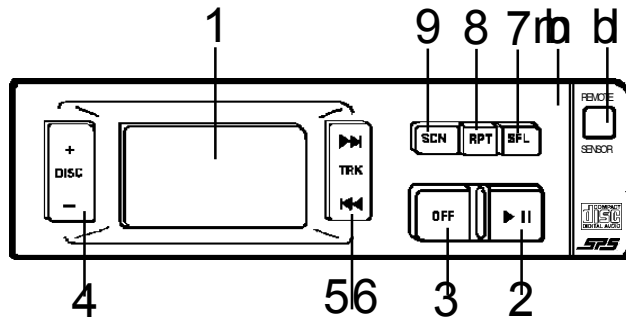
Following the instructions in the owner's manual of the compatible CD changer, load the desired number of discs into the CD magazine and insert the magazine into the changer.

Turn on the car stereo and select FM band operation. Tune the radio to either 88.7 or 89.1 MHz. (depending on the frequency to which the installer has set the unit) or push the pre-set memory pushbutton that has been set as per the above description.

Turn on the changer system by pressing the Play/Pause button **2** on the commander. The display panel on the commander will illuminate and play of the first disc in the magazine will begin. Adjust the volume, tone, and balance to your taste by using the controls on the car stereo.

When the last track on a disc has played, the unit will automatically advance to and begin play of the next disc in the magazine. When the last track on the last disc in the magazine has been played, the unit will automatically return to the first disc and begin play again.

WIRED COMMANDER OPERATION



1 LCD DISPLAY

The LCD Display Panel will illuminate when the CD changer is operating. Different symbols will appear depending on the function and operation in use. Each display is explained in the applicable function explanation below.

2 PLAY / PAUSE (▶ / II)

Pressing this button turns on the CD changer, illuminates the LCD panel and begins play of disc #1 if a new CD magazine has been loaded into the changer. If a magazine was already in the changer, play will resume from the track on the disc previously in play. Play of the disc is shown by the indication ▶ and the rotating disc symbol on the LCD panel. Pressing the button again will temporarily stop play of the disc. The pause indication II will be shown on the LCD panel and the disc symbol will stop rotating and flash instead. Press the button again to resume play of the disc.

NOTE: If left in the PAUSE mode for 5 minutes, the unit will automatically shut off.

3 POWER OFF SWITCH (OFF)

Press this switch to turn the CD changer off and return to normal FM reception.

4 DISC SELECT (- +)

The Disc Select function is used to select the desired disc for play as shown on the LCD panel. The unit will automatically load the selected disc and begin play. To advance to a higher number disc, press the + side of the button. To return to a lower number, press the - side.

5 TRACK SELECT (◀▶▶▶)

The Track Select function is used to quickly access the beginning of a particular track. Press Forward Track Select (▶▶) or Backward Track Select (◀◀) to locate the desired track as shown by the track number indication on the LCD panel.

6 TRACK SEARCH (◀◀▶▶)

High-speed audible search to any section of the disc can be made by the search functions. Press and hold the ▶▶ button to advance quickly in the forward direction or press and hold the ◀◀ button to advance rapidly in the backward direction. During search operation, the rotating disc symbol will turn faster and the appropriate symbol (▶▶) or (◀◀) will flash on the LCD panel. When the forward search (▶▶) button is held down and the end of the last track is reached, or the backward search (◀◀) is held down and the unit reaches the beginning of the first track on the disc, the unit will enter the Pause mode until the button is released.

7 TRACK / DISC SHUFFLE (SFL)

When the Shuffle button is pressed, the indication "SFL" will appear on the LCD panel and the tracks on the disc will be played

in a random, shuffled order. The Track Select **5** function will also select tracks in the shuffled order instead of the normal progression. The Track Shuffle mode can be cancelled by pressing the Shuffle button **7** again, or by activating the Scan **9** or Repeat **8** functions.

When the Shuffle button is pressed and held longer than 2 seconds, the "SFL" and "DISC" indications will appear on the LCD panel and the discs in the magazine will be played in a random shuffled order, as well as the tracks on each disc. When all the tracks on the selected disc have been played, the next disc will be selected in shuffled order and its tracks will be played in shuffled order. The Disc Shuffle mode can be cancelled by pressing the Shuffle button again, or by activation the Scan **9** or Repeat **8** functions.

8 TRACK / DISC REPEAT (RPT)

When the Repeat button is pressed, the indication "RPT" will appear on the LCD panel and play of the selected track will be continuously repeated until the Track Repeat mode is cancelled by pressing the Repeat button again or by activating the Scan **9** or Shuffle **7** functions.

When the Repeat button is pressed and held longer than 2 seconds, the "RPT" and "DISC" indications will appear on the LCD panel and play of the selected disc will be continuously repeated until the Disc Repeat mode is cancelled by pressing the Repeat button again or by activating the Scan **9** or Shuffle **7** functions.

9 TRACK / DISC SCAN (SCN)

When the Scan button is pressed, the indication "SCN" will appear on the LCD panel and the first 10 seconds of each track on the disc will be played in order. When a desired track is reached, press the Scan button again and play of that track will continue ("SCN" will **3**

disappear from the display). Track Scan mode will be cancelled by activating any other function (Repeat, Shuffle, Disc Select, Track Select, or Track Search).

When the Scan button is pressed and held for longer than 2 seconds, the "SCN" and "DISC" indications will appear on the LCD panel and the first 10 seconds of the first track of each disc in the magazine will be played. When the desired disc is reached, press the Scan button again and play of that disc will continue ("SCN" and "DISC" will disappear from the display). Disc Scan mode will also be cancelled by activating any other function (Repeat, Shuffle, Disc Select, Track Select, or Track Search).

bl REMOTE SENSOR

The sensor for the infrared signal from the optional wireless remote control is located behind this lens. For optimal operation of the remote control, keep the lens clean and do not allow objects to block it.

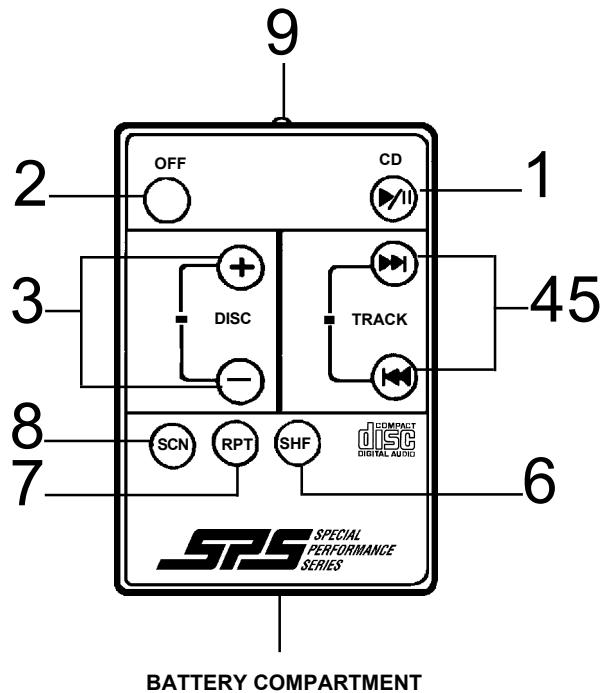
bm RESET BUTTON

A reset button is located on the front panel of the wired commander which must be activated with a pen or other thin object as it is recessed to prevent accidental engagement. The reset circuitry is provided to protect the unit's microprocessor and laser pick-up system and should only be activated under the following circumstances:

1. Initial installation after all wiring is completed.
2. If abnormal disc operation is encountered, the reset button may be pressed to clear the system and return to normal operation.

CAUTION: Avoid use of Reset buttons after initial use unless you have a definite abnormal disc operation. Use the EJECT button on the changer to remove the CD magazine for normal operation.

WIRELESS REMOTE CONTROL



The CDC-10R Wireless Remote Control is capable of operating all functions of the wired commander. Each button on the remote control functions in the same way as the comparable button on the wired commander. For optimal operation of the remote control, always aim it toward the Remote Sensor **bl** on the wired commander.

- 1** **PLAY / PAUSE (▶ / ||)**
See Wired Commander **2**
- 2** **POWER OFF SWITCH (OFF)**
See Wired Commander **3**
- 3** **DISC SELECT (- +)**
See Wired Commander **4**
- 4** **TRACK SELECT (◀▶)**
See Wired Commander **5**
- 5** **TRACK SEARCH FUNCTIONS (◀◀▶▶)**
See Wired Commander **6**
- 6** **TRACK/DISC SHUFFLE (SHF)**
See Wired Commander **7**

7 TRACK/DISC REPEAT (RPT)
See Wired Commander **8**

8 TRACK/DISC (SCN)
See Wired Commander **9**

9 INFRARED SENDER

The wireless signal from the remote control is sent from this lens. For optimal range and performance of the remote control, always aim the Sender at the Remote Sensor **b1** on the wired commander. Do not let your finger interfere with the signal and make sure the lens does not become blocked by dirt, dust, etc. If necessary, clean the lens with a soft dry cloth or cotton swab.

NOTES ON REMOTE CONTROL USE:

The remote control operates on a 3 volt lithium battery (type CR-2025). Install the battery into the compartment at the bottom of the remote control, making sure to observe correct polarity (match “+” side of battery to “+” indication on compartment).

If remote control fails to operate, always check battery condition and replace if necessary before servicing the unit.

Dispose of batteries properly. Do not heat, disassemble, or throw batteries into a fire.

Keep the remote control away from areas where it may be exposed to heat, moisture or sunlight.

ERROR SIGNS

If a problem should develop while operating the CD changer, the following error signs may be displayed on the LCD panel:

- E - 01** : Indicates abnormal disc change function. Contact the place of purchase for further service advise.
- E - 30** : Indicates excessive temperature conditions. The error sign will go off and play will resume when the changer temperature returns to normal range.
- - - -** : Magazine is not loaded in the changer.
- 0 - 0 0** : No discs are loaded in the magazine.
- 1 - - -** : No disc is loaded in magazine slot #1. (2--- indication for slot #2, etc.)

TROUBLESHOOTING

An error made in operation or during installation of this product may be mistaken for a system malfunction. Please perform the checks described below before contacting your dealer or service facility.

Symptom	Possible Cause	Remedy
No power	Blown fuse	Check fuses in vehicle fuse box and changer system. Replace as necessary with fuse of same type and rating as original. If fuse blows again, consult with service facility.
	Incorrect connection	Check all wiring and correct as necessary.
Magazine cannot be installed	Magazine is inserted in wrong direction	Insert magazine in proper direction.
CD is not played	Disc is loaded incorrectly in magazine	Load disc correctly in the magazine.
Noise, skipping, or intermittent sound during playback.	Scratches on disc or warped disc	Check sound on another disc. If sound from second disc is OK, first disc is defective.
	Extremely dirty disc	Clean disc
	Mounting angle adjustment is not correct	Set the mounting angle adjustment to the correct position as per the installation instructions of the CD changer.



36 MONTH LIMITED WARRANTY

Applies to Compact Disc Changers

AUDIOVOX CORPORATION (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 36 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor. During the first year of the warranty, there will be no charge for removing or reinstallation of a defective product. After the first year, a labor charge may be assessed for removal and reinstallation.

If Warranty Service is required, please use the exclusive **TRAVELER'S WARRANTY SERVICE (U.S.A. and Canada only):**
1-800-645-4994

Simply call toll free to our control office for reference to the Authorized Warranty Station in your area, and to obtain an Authorization Number. No repairs or replacements will be allowed without a valid Authorization Number.

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

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. 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 lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions 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.

128-4245E