AUDIOVOX™

LCM-4000
4" Active Matrix LCD Monitor
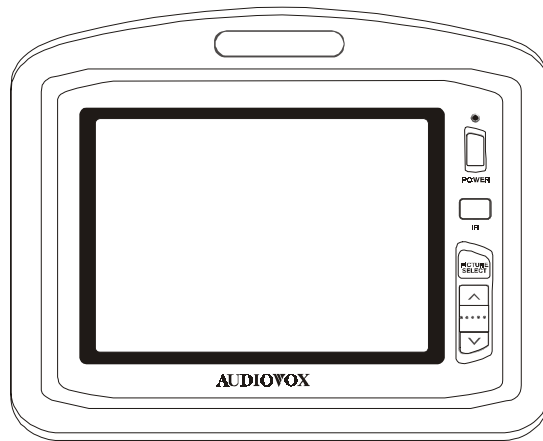
OWNER'S MANUAL

EXPLANATION OF GRAPHIC SYMBOLS

⚡	**CAUTION** **RISK OF ELECTRIC SHOCK** **DO NOT OPEN**	❗
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL		
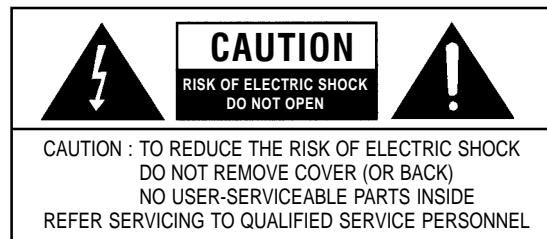
The lightning flash with the arrowhead within a triangle is intended to alert tell the user that parts inside the product are capable of producing an electric shock .

The exclamation point within a triangle is intended to alert the user that important operating and servicing instructions are being provided.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

SPECIFICATIONS

1. Type: Color Liquid Crystal Display (LCD)
                                Monitor

2. Display Screen Size: 4 inches
                                (82.1 x 61.8mm) (W x H)
                                Element : TFT LCD
                                Format : 480 (W) x 234 (H) dot
                                Total 112,320 dot

3. Back Light: Cold Cathode Fluorescent Lamp

4. Power Source: +12 VDC

5. Power Consumption: 11W

6. Connection Terminals: Video/Audio Input Jacks (RCA)
                                External Power Jack (DC IN 12V)
                                IR Jack

7. Operating Temperature: 32°F - 104°F
                                (0°C - 40°C)

8. Storage Temperature: -4°F - 176°F
                                (-20°C - +80°C)

9. Cabinet Dimensions: 5.4 in x 3.9 in X 1.14 in (WxHxD)
                                (136 x 98.3 x 29 mm)
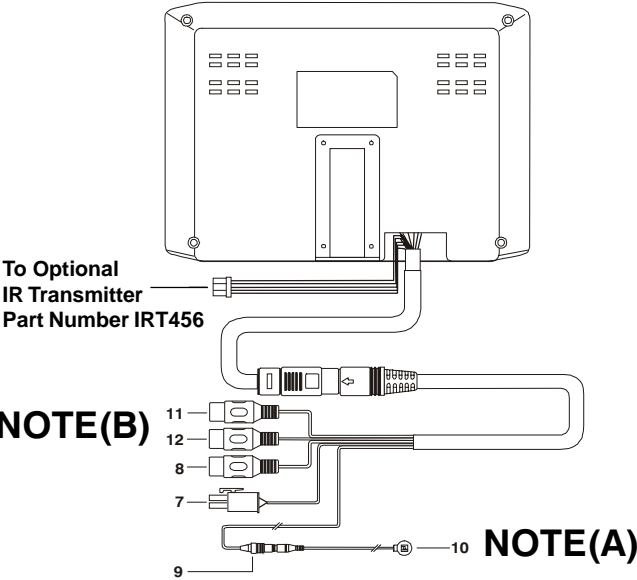
10. Weight: 1 lb (400g)

11. Video Format: NTSC

CONTROLS AND INDICATORS

FRONT PANEL
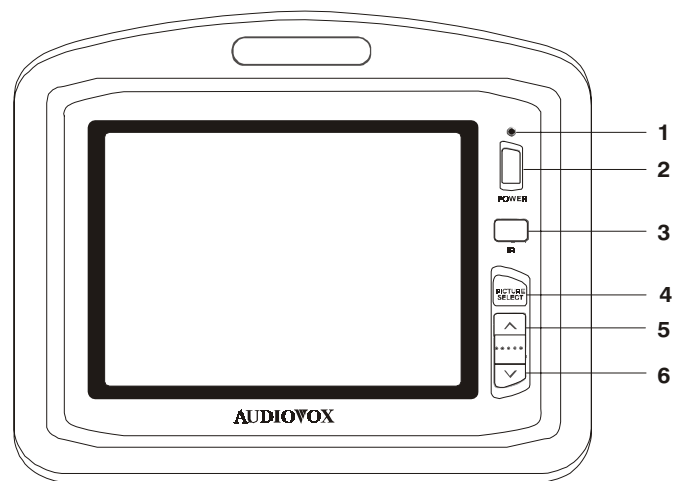
1. Power On LED Indicator
2. Power On/Off Switch
3. Remote Control Sensor
4. Picture Select
5. On Screen Adjustment Up Button
6. On Screen Adjustment Down Button

REAR PANEL

**To Optional
IR Transmitter
Part Number IRT456**

NOTE(B)

11
12
8
7

9

NOTE(A)

10

7. Power Input Connector: Red = +12 VDC
                              Black = ground

8. Video Signal Input Connector

9. IR Repeater Connector

10. IR Repeater Transmitter

11. Audio Right Channel Input Connector

12. Audio Left Channel Input Connector

Note A : This cable (10) is utilized to connect to Video Cassette Players that do not accept the IR Repeater 1/8" (3.5mm) style plug (9). The IR Repeater Transmitter is provided with an adhesive that allows it to adhere to Video Cassette Player remote sensor. Remove the backing covering the adhesive and place the IR Repeater Transmitter directly over the Video Cassette Player remote sensor.

Note B : Connector (11) and (12) are Audio input Jacks reserved for optional IR Wireless Transmitter use (IRT456). IR Wireless Transmitter is a device for transmitting (audio sound without using wires) to IR Headphones. Please contact Audiovox dealers for this optional accessory.

OPERATION

1. Connect the monitor power input plug (7) to a DC power source (Red plug +12 VDC, Black plug (-) to ground).

2. Connect the external video source output signal (from VCP/DVD, TV Etc.) to the VIDEO IN jack (8).

3. Press power On/Off button (2) to turn the monitor on and off. The LED power indicator will light red.

4. Press the Picture Select button (4) to adjust the picture display characteristics. The adjustments will be shown on the On Screen Display in the following sequence: Contrast, Brightness, Color, and TINT.

5. While in the picture select mode (video adjustment), press the up button (5) to increase the selected adjustment level or press the down button (6) to decrease the level.

GENERAL INSTALLATION INFORMATION

1. Installation will vary from vehicle to vehicle, as headrests in vehicles are not standard.

2. This unit is intended for installation by professional installers.

3. The kit consists of the screen assembly, a mounting housing, key to remove screen from housing, wiring harness, remote control unit and remote control unit batteries.

4. To release screen from housing, slide the key on either the right or left side of the screen between the housing and screen assembly to release the two clips which hold the screen assembly in the housing.

5. To install the screen assembly into the housing simply insert the screen assembly until you hear the clips click into the locking position.

6. Headrests will have to be cut to install the screen assembly housing.

Caution - Do not over-cut the headrest beyond the height and width of the housing.

7. To fasten the housing to the headrest, use either screws or tie wraps. Find a suitable mounting surface in the headrest to secure the housing.

Caution - Use the proper length screws, which will vary with each headrest. If a suitable mounting surface cannot be found, use tie wraps to secure the housing.

8. Attach the wiring to the screen, through the housing into and down the headrest and seat before permanently mounting the housing and screen assembly.

9. Follow the wiring diagram in the owner's manual for proper wiring connections.

NOTE: A Remote Control Unit is included which will perform the Functions and adjustments of Operation items 3, 4, and 5 as well as additional features as noted below.

REMOTE CONTROL FUNCTIONS:

LCD/VCP: .... Power button for LCD/VCP

REPLAY: .... Press to rewind tape and automatically go to play mode.

PICTURE SEL: . On Screen Display (OSD) for color, tint, brightness, contrast. Use ± to adjust

REW: .... Rewinds tape

FWD: .... Fast Forward tape

PLAY: .... Plays tape

STOP: .... Stops tape

CAUTION

1. Do not operate the monitor at temperatures below 32°F (0°C) or above 104°F (40°C).

2. Keep the monitor clean and dry.

3. Always seek qualified personnel to perform repairs. Never attempt your own repairs.

4. Do not drop the monitor or expose to strong impacts.

5. Do not expose to direct sunlight for extended periods of time.