

## Audio: Tape and CD Player

- 1.) Basic Operation: Cassette Tape
  - a. Press the POWER button to turn on.
  - b. Open the cassette holder by pressing the EJECT button. Load a cassette tape into the cassette holder and close. The right arrow indicator on the play control button will begin to flash green.
  - c. Press the right arrow PLAY control button to begin playback in the forward direction. Press the left arrow PLAY control button to begin playback in the reverse play direction. When the tape enters into the playback mode the indicator on the play control button will change from the flashing arrow mode to a constant ON mode to indicate playback is in operation.
  - d. Pressing the STOP button will stop the tape during playback.
  
- 2.) REWIND/ FAST FORWARD: Cassette Tape
  - a. Fast Forward - Regardless of the direction that the tape is currently in, pressing the FAST FORWARD Button (double right arrows) will place the tape in the high-speed fast forward mode and the tape will advance quickly from left to right. The tape will continue to fast forward until the STOP Button is pressed or the end of the tape is reached.
  - b. Rewind-Regardless of the direction that the tape is currently in, pressing the REWIND Button (double left arrows) will place the tape in the high-speed rewind mode and the tape will retract quickly from right to left. The tape will continue to rewind until the STOP Button is pressed or the end of the tape is reached.
  
- 3.) RECORDING: Cassette Tape
  - a. Open the cassette holder by pressing the eject button. Load a recordable cassette tape into the cassette holder and close. The green PLAY (right arrow) indicator on the PLAY control button will begin to flash.
  - b. Set DOLBY NR control switch to the OFF position.
  - c. Set the REVERSE MODE to the desired position. It is usually keep in the Continuous play mode (oval ).
  - d. Set the ACL control mode switch to the ON position.
  - e. Press the REC/PAUSE control button. The REC indicator will begin to flash red indicating the tape is in the record pause mode.
  - f. Press the PLAY (right arrow) button to begin recording in the forward direction. When the tape is recording both the red REC indicator and the green (right arrow) PLAY button indicator will change from flashing to the constant ON mode.
  - g. To pause the tape during recording press the REC/PAUSE control button. Press the PLAY(right arrow) button to resume recording.
  - h. Pressing the STOP button will stop the tape during recording.
  - i.

- 4.) MEMO Button: Cassette Tape
  - a. Press the MEMO button to store a memory point into the counter memory. Once this point is set, the tape deck will rewind or fast forward until it reaches this point in the tape and will stop. To cancel the memory control, press the MEMO button again.
- 5.) RESET Button: Cassette Tape
  - a. Press the RESET button to reset the current tape counter reading from its existing point to "0000".
- 6.) DUBB Button: Cassette Tape

Press the DUBB button to engage the tape transport into the dubbing mode from the CD player. Once the DUBB button is pressed, the CD player will copy directly to the tape deck.

  - a.
- 7.) TAPE PITCH Button: Cassette Tape
  - a. Rotate the tape deck pitch control to adjust the tape deck playback pitch from -12% to +12%. While the control is in the center detent position, the tape deck is a normal (0% pitch variance) speed. This control has no effect on the tape pitch during record mode.
- 8.) REVERSE MODE Switch: Cassette Tape
  - a. The REVERSE MODE Switch allows you to set the automatic tape direction operation of the tape transport during playback, normal recording or dubbing. The 4 positions of this switch are as follow
    - i. One-way mode (arrow to right above arrow to left).

In this position the tape will play or record one side of the tape and stop.
    - ii. Two-way mode ( U shaped arrow).In this position the tape will play or record both sides of the tape and stop.
    - iii. Continuous mode (oval).
    - iv. In this position the tape will play the tape in a continuous loop until the stop command is given. In the record mode the tape will record both sides of the tape and stop.
    - v. Cascade mode.

This position is for the use of multiple tape players and should not be selected.
- 9.) Basic Operation: CD
  - a. Open the CD tray by pressing the STOP/EJECT button. Load a CD into the tray and close the tray by gently pushing the front of the CD tray or by pressing the STOP/EJECT button. The CD player display will show the general data of the current CD.
  - b. To begin playback of the CD press the CD PLAY/PAUSE control button. The green right arrow indicator in the CD PLAY/PAUSE button will illuminate, the display will show the data for the first track and the track will begin to play.
  - c. To pause the CD during playback, press the CD PLAY/PAUSE button. The display will remain in the current position and the green right arrow indicator in the CD PLAY/PAUSE button will begin

- to flash. Pressing the CD PLAY/PAUSE button will resume normal playback from the point that the CD player was paused
- d. Upon completion of playback of the last track on the disc the CD Player will return to the STOP mode. You can also stop the CD playback by pressing the STOP/EJECT button once. Pressing the STOP/EJECT button again will cause the CD tray to open.
- 10.) Selecting A Track for Playback: CD By pressing the CD NEXT (two right arrows) button or the CD PREVIOUS (two left arrows) button you can select the track to be played. Each press of the NEXT (two right arrows) button will advance the CD Player to the beginning of the next track and enter into the play pause mode. Each press of the PREVIOUS (two left arrows) button will cause the CD player to skip to the beginning of the previous track and enter into the play pause mode. Pressing the CD PLAY/PAUSE button will resume playback at the beginning of the selected track.
  - 11.) CD PITCH Button: CD
    - a. By pressing the CD PITCH CONTROL buttons you can adjust the CD player playback pitch from -12% to +12% in .1% increments. You can return the CD player to normal speed position by pressing the center "0" button. Holding the + or - controls for 2 or more seconds will cause the pitch to adjust in .5% increments.
  - 12.) TIME Button: CD
    - a. By pressing the TIME button you can adjust the CD Player time displayed from the following three formats:
      - i. NORMAL- Displays the time elapsed within the current track being played.
      - ii. REM- Displays the remaining time left of the current track being played.
      - iii. TOTAL REM- Displays the total time remaining on the current disk being played.This control can be toggled between the various displays by pressing the TIME button multiple times.
  - 13.) REPEAT Button: CD
    - a. By pressing the REPEAT button you can program the CD player to repeat all tracks of the current disk. When there is a CD play program that is currently active, this function will repeat the current program selections. To clear this function, press the repeat control button again.
  - 14.) A-B Button: CD
    - a. The A-B Button allows you to repeat a specific section in the current CD track that is being played. When this control is pressed the first time, the A-B indicator flashes and this position on the track is noted as the start or A point. When this control is pressed again, the A-B indicator lights continuously, and this position on the track is noted as the end or B point. After setting the end point the CD player returns to the start point (A), and plays until it reaches the

end point (B). The CD player will repeat this function until the stop A-B button is pressed again.

15.)

PROGRAM Button: CD

- a. The PROGRAM button will place the CD player into the program entry mode or the single-track play mode. When the PROGRAM button is pressed once, the CD player enters the program entry mode and the program indicator will begin to flash. Pressing the PROGRAM button again will place the CD player in the single-track mode, and the track indicator will begin to flash. Pressing the PROGRAM button again will return the CD player to the normal play mode.