

SECTION 3 TEST MODE

[Change-over of AM Tuner Step between 9 kHz and 10 kHz]

- A step of AM channels can be changed over between 9 kHz and 10 kHz. (Except AEP/UK models)

Procedure:

- Press **[I/C]** button to turn the set ON.
- Select the function "TUNER", and press **[TUNER/BAND]** button to select the BAND "AM".
- Press **[I/C]** button to turn the set OFF.
- Press **[TUNER/BAND]** and **[I/C]** buttons simultaneously, and the display of fluorescent indicator tube changes to "AM 9 k STEP" or "AM 10 k STEP", and thus the channel step is changed over.

[Cold Reset]

- The cold reset clears all data including preset data stored in the RAM to initial conditions. Execute this mode when returning the set to the customer.

Procedure:

- Press three buttons **[■]**, **[GROOVE]**, and **[I/C]** simultaneously.
- The fluorescent indicator tube displays "COLD RESET" and the set is reset.

[Aging Mode]

This mode can be used for operation check of CD section and tape deck section.

- If an error occurred:
The aging operation stops and is displayed status.
- If no error occurs:
The aging operation continues repeatedly.

1. Operating method of Aging Mode

Turn on the main power and select "CD" of the function.

- Set three discs in tray. Select ALL DISCS, and REPEAT OFF.
- Load the tapes recording use into both decks.
- Press three buttons **[■]**, **[GAME EQ]**, and **[DISC SKIP/EX-CHANGE]** simultaneously.
- Aging operations of CD and tape are started at the same time.
- To exit the aging mode, perform [Cold Reset].

2. Aging mode in CD section

1) Operation during aging mode

- In the aging mode, the program is executed in the following sequence.

- The disc tray opens and closes.
- The disc tray turns to select a disc 3.
- The pickup accesses to the first track, and plays 3 seconds.
- The pickup accesses to the last track, and plays 3 seconds.
- The disc tray opens and closes.
- The disc tray turns to select a disc 1.
- The same operation starts like step (3).
- After a disc 1 aging operation, a disc 2 is selected.
- When an aging operation of a disc 3 is completed, the display "AGING ****" value increases.
- If no error occurs, the aging operation continues repeatedly.

2) Error display

| Disc error | |
|------------|---|
| Display | Error |
| E00D01022 | Focus error (No disc) |
| E00D02022 | Sub Q error (Focus is good) |
| E00D02023 | TOC reading error |
| E00D02014 | Access error (Unable within regular time) |

| Mechanism error | |
|-----------------|---------------------------|
| Display | Error |
| E00M_E_0 | Error during opening tray |
| E00M_C_2 | EX-CHANGE disc error |
| E00M_D_0 | Error during closing tray |
| E00M_F_3 | EX-OPEN error |
| E00M_D_5 | EX-CLOSE error |
| E00M_C_2 | Chuck-up error |
| E00M_C_3 | Unchucking error |

3. Aging mode in Tape Deck section

1) Operation during aging mode

- In the aging mode, the program is executed in the following sequence.

| Step | Operation | Display |
|------|-------------------------------|------------|
| 1 | Rewind the TAPE A | TAPE AAG-1 |
| 2 | Rewind the TAPE B | TAPE BAG-2 |
| 3 | Play the TAPE A (1 minute) | TAPE AAG-2 |
| 4 | Stop the TAPE A (1 second) | TAPE AAG-3 |
| 5 | Play the TAPE A (3 minutes) | TAPE AAG-4 |
| 6 | Rewind(AMS) the TAPE A | TAPE AAG-5 |
| 7 | F.F.(AMS) the TAPE A | TAPE AAG-6 |
| 8 | Play the TAPE B (1 minute) | TAPE BAG-2 |
| 9 | Stop the TAPE B (1 second) | TAPE BAG-3 |
| 10 | Record the TAPE B (3 minutes) | TAPE BAG-4 |
| 11 | Rewind(AMS) the TAPE B | TAPE BAG-5 |
| 12 | F.F.(AMS) the TAPE B | TAPE BAG-6 |

2) Error display

- If error occurred, the display remains like "TAPE BAG-2".

4. Exiting from the aging mode

- Be sure to perform Cold Reset to exit from the aging mode.

[GC Test Mode]

- All fluorescent segments and LEDs are tested.
- Keyboard check.

Procedure:

1. Press **[I/C]** button to turn the set ON.
2. To enter the test mode, press the three buttons **[■]**, **[GAME EQ]** and **[DISC 2]** simultaneously.
3. All segments and LEDs (without STANDBY LED) are turned on.
4. Press **[GAME EQ]** and **[DISC 2]** buttons simultaneously, and the key check mode is activated.
5. The message "KEY 0 0 0 0" is displayed.
Each time a button is pressed, the key code number is displayed.
6. Press **[GAME EQ]** and **[DISC 2]** buttons simultaneously, and the key count mode is activated.
7. The message "KEYCNT 0 1" is displayed.
Each time a button is pressed, "KEYCNT 0 1" value increased.
However, once a button is pressed, it is no longer taken into account.
8. Press **[GAME EQ]** and **[DISC 2]** buttons simultaneously, and the head phone detect mode is activated.
9. The message "H_P OFF" is displayed when a headphone jack is not inserted.
"H_P ON" is displayed when a headphone jack is inserted.
10. Press **[GAME EQ]** and **[DISC 2]** buttons simultaneously, and the volume control detect mode is activated.
11. The message "VOLUME FLAT" is displayed.
"VOLUME UP" is displayed if rotating **[VOLUME]** knob clockwise, or "VOLUME DOWN" is displayed if rotating counterclockwise.
12. To exit from the GC test mode after the volume control detect mode, press **[GAME EQ]** and **[DISC 2]** buttons simultaneously.

[Version and Destination Display Mode]

- The version or destination is displayed.

Procedure:

1. Press **[I/C]** button to turn the set ON.
2. To enter the test mode, press the three buttons **[■]**, **[GAME EQ]** and **[MOVIE EQ]** simultaneously.
3. The destination is displayed.
4. Press **[STOP]** and **[GROOVE]** buttons simultaneously.
5. The version is displayed.
6. To exit from this mode, press **[I/C]** button to turn the set OFF.

[CD Service Mode]

- This mode can run the CD sled motor freely. Use this mode, for instance, when cleaning the pickup.

Procedure:

1. Press **[I/C]** button to turn the set ON.
2. Select the function "CD".
3. To enter the test mode, press three buttons **[■]**, **[GAME EQ]**, and **[OPEN/CLOSE]** simultaneously.
4. The CD service mode is selected.
5. With the CD in stop status, press **[▶▶]** button to move the pickup to outside track, or press **[◀◀]** button to inside track.
6. To exit from this mode, perform as follows:
 - 1) Move the pickup to the most inside track.
 - 2) Press **[I/C]** button to turn the set OFF.

- Note:**
- Always move the pickup to most inside track when exiting from this mode. Otherwise, a disc will not be unloaded.
 - Do not run the sled motor excessively, otherwise the gear can be chipped.

[MC Test Mode]

- This mode is used to test the function of the equalizer.

Procedure:

1. Press **[I/C]** button to turn the set ON.
2. To enter the test mode, press the three buttons **[■]**, **[GAME EQ]** and **[DISC 3]** simultaneously.
3. Press the **[MOVIE EQ]** button.
The function of the equalizer is set to "MIN".
4. Press the **[MUSIC EQ]** button.
The function of the equalizer is set to "MAX".
5. Press the **[PFILE]** button.
The function of the equalizer is set to "FLAT".
6. To exit from this mode, press **[I/C]** button to turn the set OFF.

[CD Ship Mode (No Memory Clear)]

- This mode moves the pickup to the position durable to vibration. Use this mode when returning the set to the customer after repair.

Procedure:

1. Press **[I/C]** button to turn the set ON.
2. Select the function "CD".
3. Press **[I/C]** button to turn the set OFF.
4. Press **[CD]** button and **[I/C]** button simultaneously.
5. The "STANDBY" display blinks instantaneously, and the CD ship mode is set.