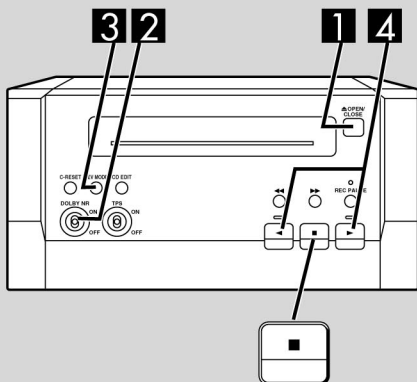
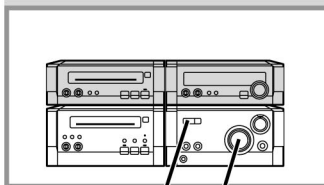
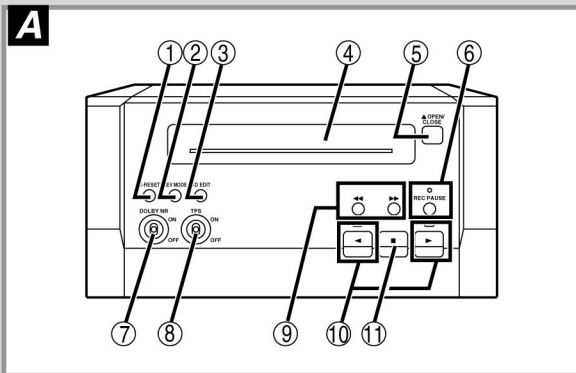


Front panel controls



A Cassette deck

- ① Counter reset button (C-RESET)
- ② Reverse mode select button (REV MODE)
- ③ CD edit recording button (CD EDIT)
- ④ Cassette holder
- ⑤ Cassette tray open/close button (▲ OPEN/CLOSE)
- ⑥ Record pause button and indicator (REC PAUSE)
- ⑦ Dolby noise reduction button switch (DOLBY NR)
- ⑧ Tape Program Sensor switch (TPS)
- ⑨ Fast forward/rewind buttons (◀◀, ▶▶)
- ⑩ Playback buttons and indicators (◀, ▶)

The color of the indicator depends on the operation taking place.

If stopped, fast forwarding or rewinding: orange

If playing, recording, or carrying out TPS: green

- ⑪ Stop button (■)

Cassette tapes

- 1** Press [▲ OPEN/CLOSE], insert the cassette with the tape facing in.

Make sure the cassette is fully inserted and press [▲ OPEN/CLOSE] to close the deck.

- 2** Switch [DOLBY NR] on or off. (⇒ "Dolby noise reduction").

- 3** Press [REV MODE] to select the reverse mode.

Every time the button is pressed:

↔ → ↺ → ↻

↔ : One side is played.

↺ ↻ : Both sides are played.

↻ : Both sides are played eight times each.

- 4** Press [◀] or [▶].

Play begins and the indicator changes to green.

▶ : to play the forward side (facing up).

◀ : to play the reverse side (facing down).

- 5** Adjust the volume.

To stop the tape

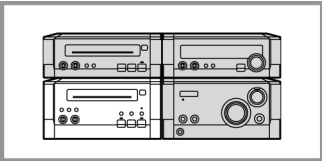
Press [■].

Cassette tape selection and care

The unit can correctly play the following types. It identifies the type automatically.

| | |
|------------------------|------|
| Normal position/TYPE I | O.K. |
| High position/TYPE II | O.K. |
| Metal position/TYPE IV | O.K. |

- Tapes exceeding 100 minutes are thin and can break or get caught in the mechanism.
- Tape slack can get caught up in the mechanism and should be taken up before the tape is played.
- Endless tapes can get caught up in the deck's moving parts if used incorrectly. Use tapes appropriate to this unit's auto-reverse mechanism.



Cassette tapes

A Fast-forwarding and rewinding

Press [◀◀] or [▶▶] while the tape is stopped.

| Tape direction | rewind | fast-forward |
|----------------|--------|--------------|
| ▶ | ◀◀ | ▶▶ |
| ◀ | ▶▶ | ◀◀ |

A Resetting the tape counter

Press [C-RESET].

B One touch play

Remote control only

When a cassette is loaded and the unit is off, press [TAPE]. The unit comes on and starts play in the direction last selected.

C Tape program sensor (TPS)

TPS finds the beginning of a track and resumes play from there. Each press increases the number of tracks skipped, up to a maximum of 9.

1 During playback
Switch [TPS] on.

2 Press [◀◀] or [▶▶].
Each press increases the number of tracks skipped.


To cancel


Press [].
TPS will not stop if [TPS] is switched off.

Note

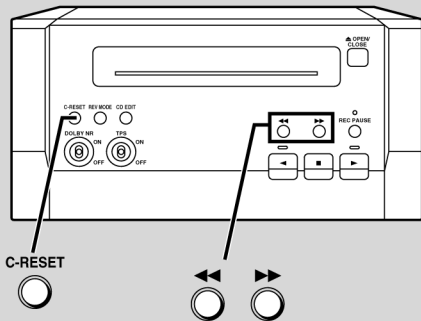
- Stop the tape before changing the TPS direction.
- TPS may not operate correctly in the following situations:
 - If the interval between tracks is less than 4 seconds.
 - If there is noise between tracks.
 - If there are silent parts within tracks.

Dolby noise reduction

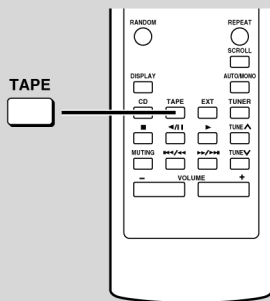
Dolby NR reduces “hissing” when playing tapes. It increases the high frequency region when recording and then reduces it in playback. Use the same system during playback and recording. This unit has Dolby B NR which reduces noise to a third. Prerecorded cassettes and equipment marked “” use Dolby B NR.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. “DOLBY”, the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

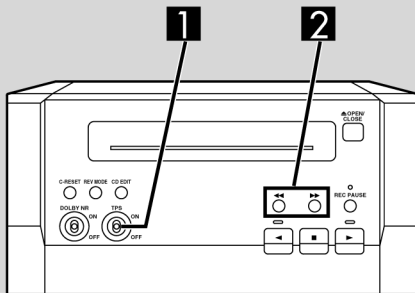
A



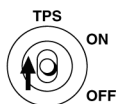
B



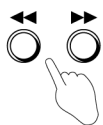
C



1



2



TPS+1 001

Before recording

Selection of tapes for recording

The unit automatically identifies the type of tape.

| | |
|------------------------|------|
| Normal position/TYPE I | O.K. |
| High position/TYPE II | O.K. |
| Metal position/TYPE IV | O.K. |

A To display the tape counter while recording

Remote control only

Press [DISPLAY].

The counter is displayed for about five seconds.

B Erasure prevention

The illustration shows how to remove the tabs to prevent recording. To record on the tape again, cover as shown, being careful not to cover the high position discrimination hole.

Volume and sound quality

Recordings are unaffected by changes to volume and sound quality.

C Preparatory steps

Do these steps before each recording.

Wind up the leader tape so recording can begin immediately (unnecessary if CD editing).

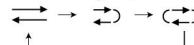
1 Press [▲ OPEN/CLOSE], insert the cassette with the tape facing in.

Make sure the cassette is fully inserted and press [▲ OPEN/CLOSE] to close the deck.

2 Switch [Dolby NR] on or off. (→ "Dolby noise reduction").

3 Press [REV MODE] to select the reverse mode.

Each time you press the button:



↔ : One side only records.

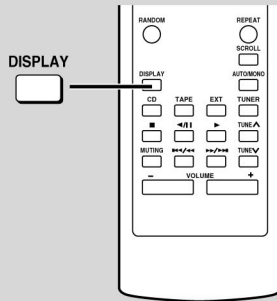
↔ and ↔ : Both sides record (forward → reverse).

"↔" automatically changes to "↔" when [REC PAUSE] is pressed.

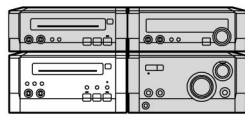
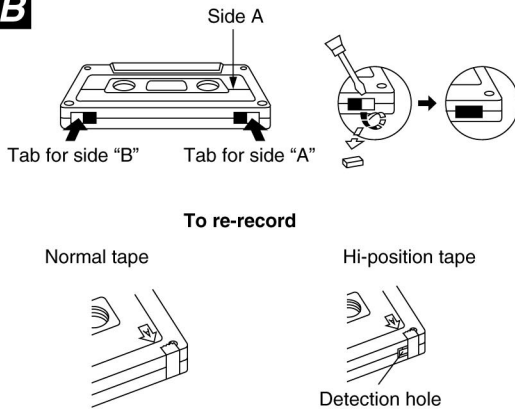
Erasing recordings

1. Press [INPUT SELECTOR (◀) or (▶)] to select "TAPE".
2. Set [DOLBY NR] to "OFF".
3. Select the reverse mode.
4. Press [REC PAUSE].
5. Press [◀] or [▶].

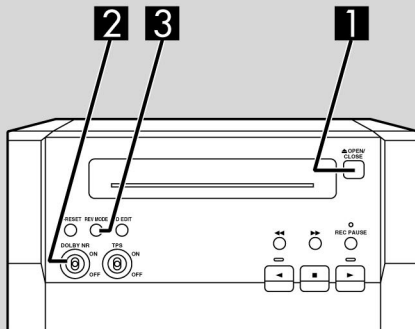
A



B



C



1

▲ OPEN/CLOSE



2

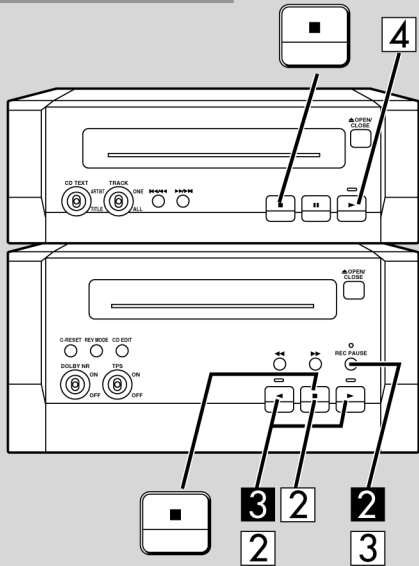
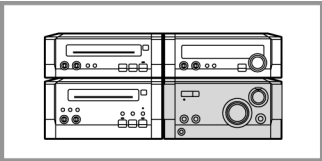
DOLBY NR



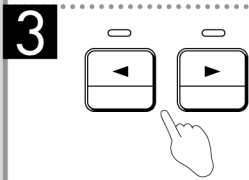
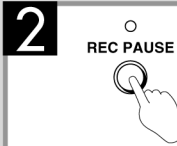
3

REV MODE

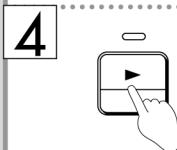
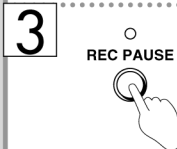
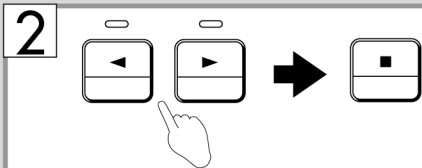




A



B



A Recording the radio

Preparation: Do the preparatory steps.

1 Tune to the required station.

2 Press [REC PAUSE].

The deck goes into the recording standby mode, the indicator above the button lights and a play indicator starts flashing.

3 Press [◀] or [▶] to start recording.

- ▶: to record on the forward side
- ◀: to record on the reverse side

To stop recording

Press [].

To temporarily stop recording

1. Press [REC PAUSE].

The deck goes into recording standby mode.

2. Press the [◀] or [▶] button with the flashing indicator to resume recording.

Recording CDs

B Normal recording

Preparation: Do the preparatory steps.

1 Insert a CD.

2 Press [◀] or [▶] then [] to set the tape direction.

- ▶: to record on the forward side
- ◀: to record on the reverse side

3 Press [REC PAUSE].

The deck goes into the recording standby mode, the indicator above the button lights and the play indicator starts flashing.

4 Press [▶] on the CD player.

Recording starts automatically.

Four seconds after the CD finishes, the deck goes into the recording standby mode.

To stop recording

EITHER

Press [] on the CD player.

The deck goes into the recording standby mode four seconds later.

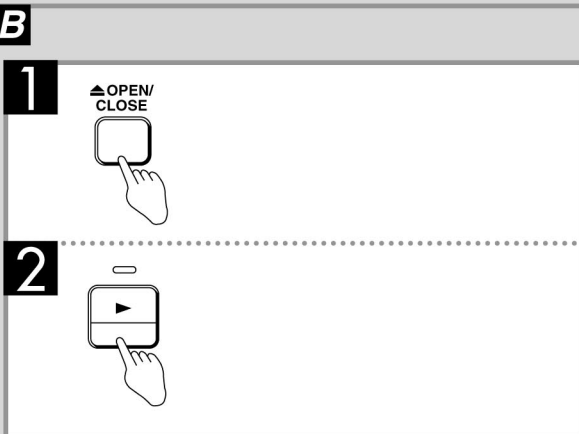
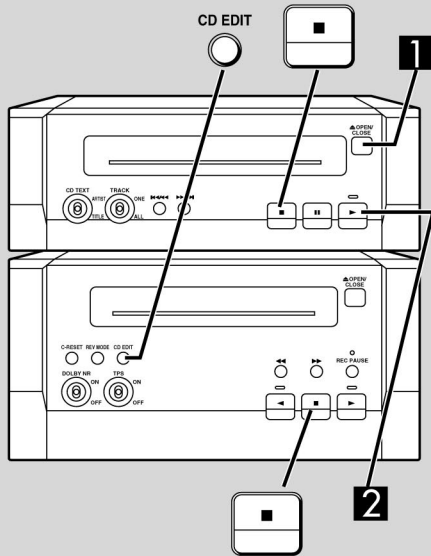
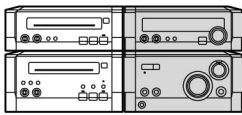
OR

Press [] on the deck.

Recording stops immediately but the CD continues to play.

To record programmed tracks.

Program tracks after step 1.



A One touch CD editing (AI EDIT)

The unit calculates the length of the tape and decides which tracks go on which side of the cassette so tracks are not cut off midway.

Preparation: Do the preparatory steps.
Insert a CD

Press [CD EDIT].

The unit makes the calculations and "AI EDIT TAPE" scrolls across the display. It takes a moment for recording to start.

After the deck completes recording the CD

It goes into recording standby mode. If there is space left on the tape, "LINK C" and the remaining time on the tape flash on the display.

- If you have completed recording, press [] on the CD player.
- If you wish to continue recording with another CD, see "Linking" below.

To stop editing

Press [] on the deck or CD player.
"EDIT OUT" is displayed and both sections stop.

When tracks are allotted to both sides

When the tracks allotted to side A finish playing, the deck records to the end of the side to complete calculation.

Editing programmed tracks

Program the tracks and press [CD EDIT].

Note

Tracks numbered 25 or over cannot be recorded by one touch editing. Use normal recording.

B Linking

If "LINK C" is flashing and you wish to continue recording from another CD, do the following.

1 Press [▲ OPEN/CLOSE] and insert another CD.

Press [▲ OPEN/CLOSE] to close the tray.

2 Press [▶] on the CD player.

The remaining time on each side is shown for a second, then recording begins again.

You can continue linking tracks as long as there is space on the tape. If you load a CD that has no tracks short enough to fit in the remaining space, linking cannot be done.

To cancel

Press [] on the CD player.
"EDIT OUT" scrolls across the display.

Linking programmed tracks

Program tracks after inserting the new CD.

Your attention is drawn to the fact that recording pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws.