

SONY[®]

3-858-050-11(1)

Stereo Cassette Deck

Operating Instructions

TC-TX5

—
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TC-TX5 3-858-050-11 (1)

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

The TC-TX5 tape deck is designed only for the DHC-MD5 component system

Here are some of the features you can use with this tape deck when connected with the DHC-MD5 Mini Hi-Fi component system.

Auto Power On/Off

Turning on/off the tape deck is synchronized with the DHC-MD5 component system (see page 5).

Pressing the ▷ or ◁ on the tape deck turns the power on.

CD Synchro Recording

You can record a CD to a cassette with easy operation (see page 7).

One Touch Play

Pressing ▷ or ◁ on the tape deck when the power is off automatically turns the power on and starts tape playback if there is a cassette in the deck (see page 6).

Automatic Source Selection

You can switch from another source to the tape deck and start playing a cassette just by pressing ▷ or ◁ on the tape deck (see page 6).

Timer

You can wake up to music or record a radio programme at a preset time. For detail, refer to the sections "Waking up to music" and "Timer-recording radio programmes" in the instructions manual of the DHC-MD5 component system.

However, perform the following settings on the tape deck.

- DOLBY NR (B-type)

- The recording side of the cassette (DIRECTION)

Remote Control

The remote supplied with the DHC-MD5 can operate the tape deck.

This system is equipped with Dolby NR.*

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.


"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

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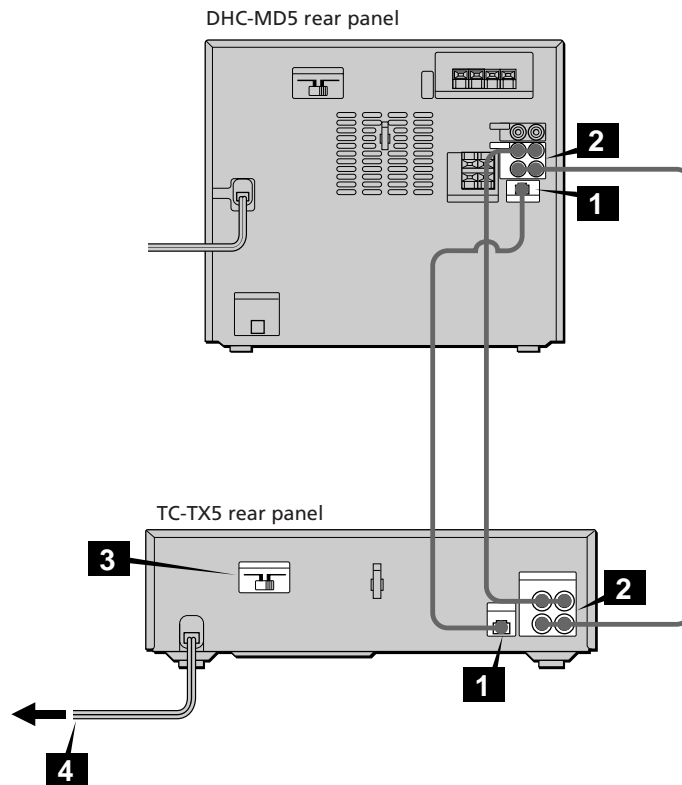
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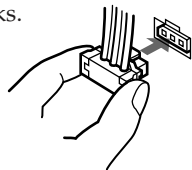
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Hooking up the system

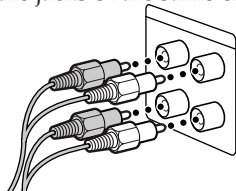
Do the following procedures **1** to **3** to hook up your system using the supplied cords.



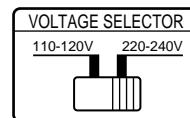
- 1** Connect the AU BUS connecting cord to the AU BUS connectors until it clicks.



- 2** Connect the audio connecting cords to the jacks of the same colour.



- 3** Set VOLTAGE SELECTOR to the position of your local power line voltage.



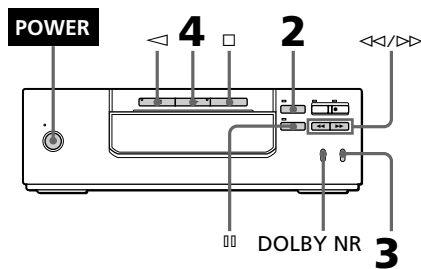
- 4** Connect the mains lead to a wall outlet.

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

Playing a tape

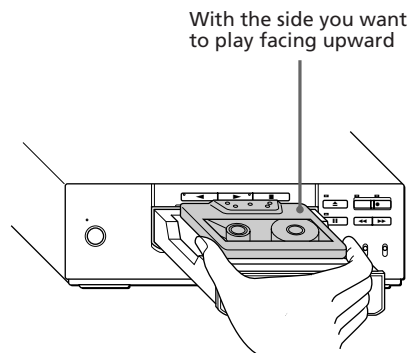
You can use any type of tape, TYPE I (normal), TYPE II (CrO₂) or TYPE IV (metal), since the tape deck automatically detects the tape type (ATS*).



* ATS: Automatic Tape Selection.





- 1 Turn the DHC-MD5 component system on.
The tape deck turns on automatically.












- 2 Press  on the tape deck and place a recorded tape.
Pressing  again closes the cassette tray.



- 3 Set DIRECTION to  to play one side. Set it to * to play both sides.










- 4 Press .
Press  to play the reverse side. The tape starts playing.

* The tape deck stops automatically after repeating the sequence five times.

To	Press
Stop play	
Pause	 . Press again to resume play.
Fast-forward	 then  (for upper side) or  (for reverse side).
Rewind	 then  (for upper side) or  (for reverse side).
Find the beginning of a track(AMS)**	 (for going forward) or  (for going back) during playback.
Remove the cassette	

**The Automatic Music Sensor (AMS) feature detects a blank space of more than four seconds between tracks and locates the track quickly.

Tips

- The lamp above  lights up in red when a cassette is placed in the tape deck and goes off when there is no cassette in the tape deck.
- Pressing  or  when the power is off automatically turns the power on and starts tape playback (One Touch Play).
- You can switch from another source to the tape deck just by pressing  or  (Automatic Source Selection).
- To start playing automatically from the beginning of the tape after fast winding (Auto Play), press  while holding down  (for the upper side) or press  while holding down  (for the reverse side).
- When you want to reduce the hiss noise in low-level high-frequency signals, set DOLBY NR to ON.

Note

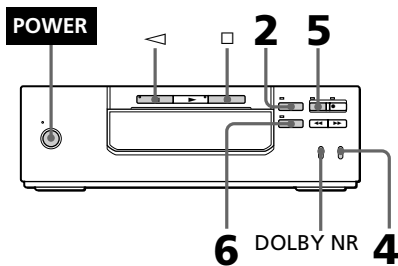
The AMS feature may not work in the following cases;

- the blank space between tracks is four seconds or less.
- the sound sources recorded in the right channel are different from that in the left channel as in a KARAOKE tape.
- low volume or low sound continues.
- the TV is too close to the tape deck.

Recording a CD

— CD Synchro Recording

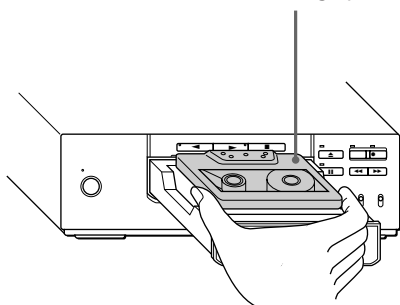
The CD SYNC button lets you record from a CD to a tape easily. You can use TYPE I (normal) or TYPE II (CrO₂) tape, since the tape deck automatically detects the tape type.



- 1 Turn the DHC-MD5 component system on.
The tape deck turns on automatically.

- 2 Press on the tape deck and place a blank tape.
Pressing again closes the cassette tray.

With the side you want to record on facing upward



- 3 Place a CD in the CD player.
- 4 Set DIRECTION to to record on one side. Set it to to record on both sides.
- 5 Press CD SYNC on the tape deck.
The tape deck stands by for recording and the CD player stands by for playback. The lamps on REC, CD SYNC, (for upper side) and light up.
- 6 Press on the tape deck.
Recording starts.

To stop recording

Press on the tape deck or on the CD player.

Tips

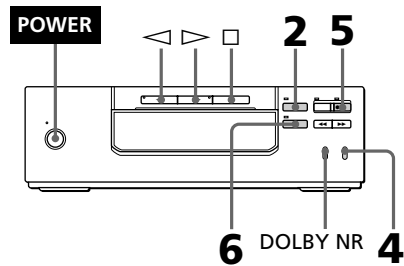
- If you want to record from the reverse side, press (for reverse side) so that the lamp on lights up.
- When you record on both sides, be sure to start from the upper side. If you start from the reverse side, recording stops at the end of the reverse side.
- When you want to reduce the hiss noise in low-level high-frequency signals, set DOLBY NR to ON before step 5.
- If the tape reaches the end of its upper side during dual-sided recording, the fadeout feature works so that a track is not abruptly cut off at the end of the tape (Fade Synchro). The track will record again from the beginning of the reverse side. The fadeout feature also works when you record on one side only.

Note

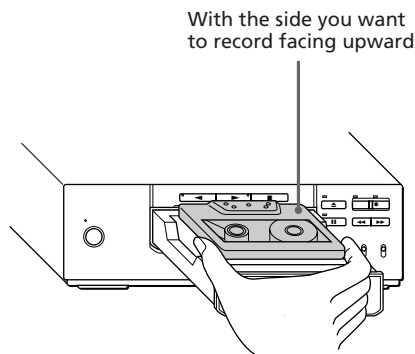
You cannot listen to other sources while recording.

Recording manually

With this procedure, you can record a CD just the songs as you like, or start recording from the middle of the tape. You can also record a radio programme or MD on the tape.



- 1** Turn the DHC-MD5 component system on.
The tape deck turns on automatically.
- 2** Press on the tape deck and place a blank tape.
Pressing again closes the cassette tray.



- 3** Press FUNCTION of the DHC-MD5 until "CD," "MD," "TUNER" or "VIDEO (GAME*)" appears.

* Select this indication when you record the sound of the connected VCR or video game.

For details, refer to "Connecting optional AV components and outdoor aerials" in the instructions of the DHC-MD5 component system.

- 4** Set DIRECTION to to record on one side. Set it to to record on both sides.

- 5** Press on the tape deck.
The tape deck stands by for recording.
The lamps on , and (for upper side) light up.

- 6** Press or on the tape deck.
Recording starts.

- 7** Start playback on the source component.

To	Press
Stop recording	on the tape deck
Pause recording	on the tape deck

Tips

- If you want to record from the reverse side, press (for reverse side) so that the lamp on lights up.
- When you want to reduce the hiss noise in low-level high-frequency signals, set DOLBY NR to ON before step 5 .

Precautions

On operating voltage

Before operating the tape deck, check that the operating voltage of your tape deck is identical with the voltage of your local power supply.

On safety

- The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- Unplug the tape deck from the wall outlet (mains) if it is not to be used for an extended period of time. To disconnect the cord (mains lead), pull it out by the plug. Never pull the cord itself.
- Should any solid object or liquid fall into the component, unplug the tape deck and have it checked by qualified personnel before operating it any further.
- The mains lead must be changed only at a qualified service shop.

On placement

- Place the tape deck in a location with adequate ventilation to prevent heat build-up in the tape deck.
- Do not place the unit in an inclined position.
- Do not place the unit in locations where it is:
 - Extremely hot or cold
 - Dusty or dirty
 - Very humid
 - Vibrating
 - Subject to direct sunlight

Before placing a cassette in the tape deck

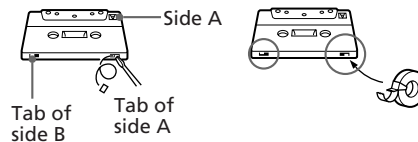
Take up any slack in the tape. Otherwise the tape may get entangled in the parts of the tape deck and become damaged.

When using a tape longer than 90 minutes

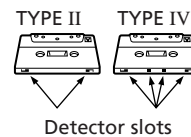
The tape is very elastic. Do not change the tape operations such as play, stop, and fast-winding etc. frequently. The tape may get entangled in the tape deck.

To save a tape permanently

To prevent a tape from being accidentally recorded over, break off the cassette tab from side A or B as illustrated. If you later want to reuse the tape for recording, cover the broken tab with adhesive tape.



When you are using a TYPE II (CrO₂) or TYPE IV (metal) cassette, be careful not to cover the detector slots which allow the tape player to automatically detect the type of tape.



Cleaning the tape heads

Clean the tape heads after every 10 hours of use.

When the tape heads become dirty

- the sound is distorted
- there is a decrease in sound level
- the sound drops out
- the tape does not erase completely
- the tape does not record.

Make sure to clean the tape heads before you start an important recording or after playing an old tape. Use a separately sold dry-type or wet-type cleaning cassette. For details, refer to the instructions of the cleaning cassette.

Demagnetizing the tape heads

Demagnetize the tape heads and the metal parts that has contact with the tape after every 20 to 30 hours of use with a separately sold demagnetizing cassette. For details, refer to the instructions of the demagnetizing cassette.

Cleaning the cabinet

Use a soft cloth slightly moistened with mild detergent solution.

Never use strong solvents, such as thinner or benzene, since they may damage the finish.

If you have any questions or problems concerning your tape deck, please consult your nearest Sony dealer.

Troubleshooting

If you run into any problem using this tape deck, use the following check list.



First, check that the mains lead is connected firmly and the speakers are connected correctly and firmly.

Should any problem persist, consult your nearest Sony dealer.

The cassette tray does not close.

- Turn on the tape deck again and press .

The operating buttons on the tape deck do not work.

- Press any of the operating buttons after the lamp on  stops flashing. (For approximately two seconds after the tape deck turns on, the buttons on the tape deck do not work.)
- Reset the cassette and press .

The tape does not play or record.

- There is slack in the tape. Take up any slack in the tape.
- The heads are dirty. Clean them (see page 9).

The tape does not record.

- No cassette in the cassette tray.
- The tab has been removed from the cassette (see page 9).
- The tape has reeled to the end.

The tape does not record nor play or there is a decrease in sound level.

- The heads are dirty. Clean them (see page 9).
- The record/playback heads are magnetized. Demagnetize them (see page 9).

The tape does not erase completely.

- The record/playback heads are magnetized. Demagnetize them (see page 9).

There is excessive wow or flutter, or the sound drops out.

- The capstans in the tape deck are dirty. Clean them (see page 9).

Noise increases or the high frequencies are erased.

- The record/playback heads are magnetized. Demagnetize them (see page 9).
- Move the tape deck away from the TV or VCR.

The sound is distorted.

- Set DOLBY NR to the same setting as the tape was recorded.
- Move the tape deck away from the TV or VCR.

There is no sound.

- The mains lead is disconnected from the wall outlet.
- Make sure the connection of the audio connecting cords is correct.

The remote does not work/Automatic Source Selection and/or One Touch Play does not work.

- Make sure the connection of the AU BUS connecting cords is correct.

The functions synchronized with the DHC-MD5 such as the CD Synchro Recording does not work.

- Make sure the connection of the AU BUS connecting cord is correct.
-

Specifications

Recording system	4-track 2-channel stereo (DOLBY NR OFF)
Frequency response	30 – 14,000 Hz (±3 dB), using Sony TYPE I cassette 30 – 15,000 Hz (±3 dB), using Sony TYPE II cassette
Wow and flutter	±0.15% W. Peak (IEC) 0.1% W. RMS (NAB) ±0.2% W. Peak (DIN)
Input	TAPE IN (phono jacks): impedance 47 kilohms
Output	TAPE OUT (phono jacks): voltage 550 mV impedance 47 kilohms

General

Power requirements	110 – 120V or 220 – 240 V AC, 50/60 Hz Adjustable with the voltage selector
Power consumption	10 W
Dimensions	Approx. 280 x 85 x 360 mm (w/h/d) incl. projecting parts and controls
Mass	Approx. 3.7 kg
Supplied accessories:	Audio connecting cord (2) AU BUS connecting cord (1)

Design and specifications are subject to change
without notice.

