

8 Digital Disk Recorder (Optional)

By using the optional SY-FD5 Digital Disk Recorder, you can store a number of short tunes or one long tune on a digital memory disk.

- Please consult the Digital Disk Recorder Operating Instructions for further information. (SY-FD1 users should follow the same instructions.)

Note:

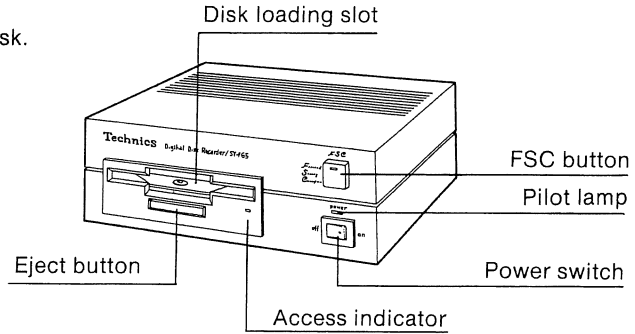
Do not place the Digital Disk Recorder near speakers or anywhere there is a strong magnetic field. Doing so may result in improper storage or playback or erasure of the stored contents.

- The following contents can be stored in the digital memory disk.

- Contents stored in the **play sequencer**

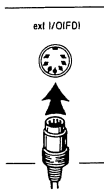
- Sounds played (key touch included)
- Changes in voice
- Changes in effect

- Contents stored in the **MIDI full set** (see page 18).



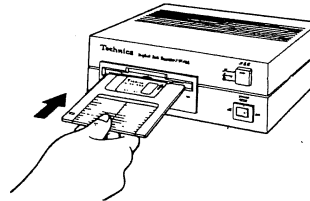
Connection to the Digital Piano

1. Attach the connector of the digital disk recorder to the **ext I/O (FD)** terminal of the piano.



2. Turn on the digital disk recorder.

3. Turn on the piano.
4. Insert the digital memory disk into the drive with the label side facing up and the write protect window in the lower left.



- To remove the disk, press the eject button firmly.

Modes

■ Normal mode

The 10 combinations of **song I**, **song II** and **MIDI full set** can be stored.

■ Professional mode

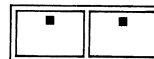
Two songs, each 10 times longer than a song in the normal mode, and the **MIDI full set** can be stored.

■ Changing the mode

1. Insert a digital memory disk.
2. Press the **record** button of the piano. (Its indicator will flash.)
3. Press the **FSC** button. (Its indicator will flash slowly.)
 - Either the normal or professional mode indicator will start to flash, indicating which mode is set.

song memory

long play
song I song II



(normal) - FD - (pro)

4. Press the **initial** key of the piano to change the mode.
5. After setting the desired mode, press the **record** button again to turn it off.

Storing Song Memory to Disk

- Before using a disk, check the following:
 - Be sure the write protect window in the lower left corner of the disk is closed.
 - Check the storage mode (normal or professional) of the disk you are using. (See the section on "Changing the mode.")
- Set the tones and effects you want to use in the recording.
- Recording the performance:

To record, follow the directions in the Play Sequencer section. The professional mode, available only when the disk drive is connected, allows you to store a performance about 10 times longer than in the normal mode; otherwise song memory operation is exactly the same in both modes.
- To store a performance on the disk:
 - Press the **record** button (its indicator will flash).
 - Press the **FSC** button (its indicator will flash slowly).
 - Select a storage position by pressing one of the white number keys.
 - In the normal mode, storage is possible in positions 1 through 10.
 - In the professional mode, storage is possible only in position 1.

When storage is complete, the **record** button indicator will flash rapidly and the access indicator on the disk drive will go out. In the normal mode, you can store tunes in any order you like by repeating the above procedure. The previously stored contents of a disk location will be erased by this procedure.

NOTE: To prevent erasure of stored contents, open the write protect window on the disk.

Lengths of tunes that can be stored in the play sequencer

	Normal mode	Professional mode
Song I	About 1,350 tones	About 13,500 tones
Song II	About 1,350 tones	About 13,500 tones
	*About 2,700 tones	*About 27,000 tones

(*double-length mode)

- You can confirm the remaining capacity by referring to which **tone selector** indicator is flashing.
- ### Error Indication
- Tunes will not be properly stored or played back if 4 buttons (excluding the **record button**) of the **play sequencer** flash while storing or playing back.
- Confirm that all operations, such as inserting the disk correctly, have been completed before repeating the procedure.

Automatic Playback

- Insert the disk which contains your tune.
- Press the **FSC** button to turn it on.
- Press the number key (from 1 to 10) for the tune you wish to listen to.
 - In the normal mode, select a number from 1 to 10.
 - Note: The tune or tunes stored in the **song I** and **song II** modes will thereby be erased.
 - In the professional mode, press key 1.
- Wait a few seconds until the **record** button flashes rapidly and the access indicator goes out.
- Press only the **song** button which contains your tune.
- Press the **start/stop** button to listen to the stored tune.

Continuous Play

<Procedure>

- While holding down the **FSC** button, press the **initial** key. (This activates the continuous mode.)
- Press a number key. Continuous playback starts with the tune of the selected number.
Example number 8: 8 → 9 → 10 → 1 → 2 → ...
- If you stopped playback but want to start again, press the **FSC** button to turn it on, and then press a number key.
- If the **FSC** button is pressed or the **song** buttons are turned off during continuous play, playback skips to the next tune (skip function).
- If the disk is removed or the power is turned off, the continuous mode is cancelled.

Initializing a Disk

Commercially available floppy disks (3.5-inch micro floppy disks; single sided, double density, double track), other than the Technics SY-D1, MUST first be initialized using the following procedure before any recording or playback can take place.

- Load a disk in place (label side up, write protect window closed).
- Press and hold the **record** button.
- Press the **FSC** button.
- Press the **initial** key on the keyboard.

The actual initializing process will take about 40 seconds, after which the access light will go out. (DO NOT REMOVE THE DISK BEFORE THE DISK DRIVE LIGHT GOES OUT. The result will be incomplete formatting and unreliable record/playback performance.)

The memory disk is now set for operation in the normal mode. (See the section on "Changing the mode" to switch to the professional mode.)

Technics SY-D1 disks are initialized at the factory and do not require this procedure for use. However, if they are erased by accidental exposure to a magnetic field, this process will restore their operation.

The initialization process erases any previously recorded information.

Note:

When the professional mode memory disk is inserted, storage and playback cannot be done using the internal memory of the piano. When using the internal memory of the piano, be sure to remove the professional mode memory disk.