

Operating Instructions

Welcome!

Welcome to the world of the MiniDisc! Here are some of the capabilities and features you'll discover with the new MiniDisc Recorder.

- Recording MD Walkman in a compact body — Easy to carry in your pocket or bag.
- Simple “Pop-Up Eject” function for easy MiniDisc handling — A single press of a button on the side of the recorder causes the recorder lid to open and the MiniDisc to eject.
- Shock-resistant memory — Offsets up to 40 seconds of optical read errors.
- Dual phone jacks for greater versatility — Two phone jacks are provided for connection of up to two headphones.
- Remote control with editing capabilities — You can now label tracks and discs, change track sequence, etc., with the easy-to-operate remote control.
- Simultaneous labeling feature — No more waiting for the recording to end; you can label tracks and discs while the MD is being recorded.
- Digital synchro-recording — When recording from a digital equipment with optical output, the recorder automatically starts and pauses recording in sync with operation on the digital source.
- Sampling rate converter — This unit enables you to record programs from digital equipment using other sampling rates, such as a BS tuner or DAT deck.
- The recorder comes in three fashionable colors.
- Digital rec level control — Allows manual adjustment of recording level even during digital recording.

The CE mark on the unit is valid only for products marketed in the European Union.

Looking at the controls

The numbers are keyed to the illustrations in the English text (pages 72 to 74).

The recorder

- 1 Display window
- 2 END SEARCH button
- 3 OPEN button
- 4 VOL +/- buttons
- 5 T MARK (track mark) button
- 6 HOLD switch
Slide to lock the controls of the recorder.
- 7 SYNCHRO REC (synchro-recording) ON/OFF switch
- 8 DC IN 3V jack
- 9 **||** (pause) button
- 10 **■** (stop) button
- 11 **◀◀▶▶** (search/AMS) buttons
- 12 **←MENU→** buttons
- 13 ENTER button
- 14 Battery compartment
- 15 MIC (PLUG IN POWER) jack
- 16 LINE IN (OPTICAL) jack
- 17  (headphones)2 jack
- 18 REC (record) switch
- 19  (headphones)1 jack
- 20 **▶** (play) button

The display window of the recorder

- 1 Play mode indication
Shows the play mode of the MD.

 (all repeat): All tracks play repeatedly.

 1 (single repeat): One track plays repeatedly.

 SHUF (shuffle repeat): Tracks will be repeated in random order.

- 2 Level meter
Shows the level of the MD being played or recorded.
- 3 REMAIN (remaining time/tracks) indication
Lights up along with the remaining time of the track, remaining time of the MD, or remaining number of tracks.
- 4 MONO(monaural) indication
- 5 Mega Bass indication
- 6 Battery indication
Shows approximate battery condition. While charging the rechargeable battery, this indication shows the charging condition.
- 7 Disc indication
Shows that the disc is rotating for recording, playing or editing an MD.
- 8 SYNC (synchro-recording) indication
Lights up while synchro-recording.

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continued

- 9 REC indication
Lights up while recording.
Flashes when standing by for recording.

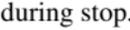
- 10 Time display

- 11 Character information display
Displays the disc and track name*, error messages, track numbers, etc.

* Disc and track names appear only with MDs that have been electronically labeled.

The headphones with a remote control

- 1 Headphones
Can be replaced with optional headphones.
- 2 VOL +/--buttons
When the AVLS is set to on, you cannot increase the volume to the maximum. To increase the volume above the limited level, set the AVLS to off.
- 3 DELETE button
Deletes a letter while labeling a disc or a track.
- 4 HOLD switch
Slide to lock the controls of the remote control.

- 5  •
 buttons
To play, press  •
SELECT  during stop.
Press  • SELECT 
during play to search the beginning of the succeeding track; hold to fast-forward.
Press  • 
during play to search the beginning of the preceding track; hold to rewind.

- 6  (stop) • ENTER button

- 7  (pause) • CAPS button
Switches between capital letters, small letters, and marks/numbers while labeling a track or a disc.

- 8 T MARK button
Erases a track mark or cancels editing operation.

- 9 EDIT button
Enters to select a menu item or cancels editing operation pressing for 2 seconds or more.

► **MD recording**

Recording an MD right away!

See the illustrations in the English text (pages 8 to 9).

Use an optical cable (supplied) to hook up a digital source. Connect to a digital source using an optical cable (supplied) to make digital recordings. Digital recording is possible even from digital equipment with different sampling rates, such as a DAT deck or a BS tuner, using the built-in sampling rate converter.

If you want to record programs from analog equipments or a microphone, see “Various ways of recording” (page 9).

Premastered MDs cannot be recorded over.

1 Make connections. (Insert the cables firmly and completely into the appropriate jacks.)

① Connect the LINE IN (OPTICAL) jack of recorder to the DIGITAL OUT (OPTICAL) jacks of the source with a supplied optical cable.

The recorder switches to digital input automatically.

② Connect the DC IN 3V jack of the recorder to a wall outlet with the supplied AC power adaptor.

When the recorder has different sound sources connected at the same time, the recorder switches to the digital, microphone, or analog input in this order of priority.

2 Insert a recordable MD.

① Press OPEN to open the lid.

② Insert a recordable MD with the label side facing front, and press the lid to close.

3 Start recording.

① Slide REC to the right.

“REC” lights up in the display and recording starts.

② Play the sound source.

The level of the recorded sound is adjusted automatically.

To stop recording, press ■.

After you press ■, the recorder will automatically turn off after:

—about 5 minutes when using AC power adaptor.

—about 10 seconds when using batteries.

Notes

- Do not move or jog the recorder or disconnect the power source while the “Data Save” or “TOC Edit” indication is flashing in the display.
- The lid does not open until “TOC Edit” disappears in the display.

To	Press
Record from the end of the previous recording	END SEARCH and slide REC.
Record over partway through the previous recording	▶, ▶▶ or ◀◀ to find the start point of recording and press ■ to stop. Then slide the REC switch.
Pause	, ¹⁾ Press again to resume recording.
Remove the MD	■, then press OPEN to open the lid. ²⁾

¹⁾ A new track mark is added at the point where you pressed || again to resume recording while pausing, and the recording will be marked with the new track number when you resume recording.

²⁾ Once you open the lid, the point to start recording will change to the beginning of the first track. When recording on a recorded MD, check the point to start recording on the display.

If the recording does not start

- Make sure the MD is not record-protected.
- Make sure the recorder is not locked.
- Premastered MDs cannot be recorded over.

Notes

- If the power supply is disrupted (i.e. the battery is removed or becomes exhausted or the AC power adaptor is disconnected) during a recording or editing operation, or while “TOC Edit” appears in the display, then it will not be possible to open the lid until power is restored.
- You can make a digital recording only from an optical type output.
- When recording from a portable CD player, play it on AC power and disable the anti-skip function (such as ESP*).
- Digital output may be disabled on some portable CD players when the player is not run on AC power.

* Electronic Shock Protection

► MD playing

Playing an MD right away!

See the illustrations in the English text (pages 12 to 13).

If you want to use the rechargeable battery, be sure to charge them before playing (see page 24).

- 1 Make connections. (Insert the cables firmly and completely into the appropriate jacks.)
 - ① Connect the headphones with a remote control (supplied) to the  jack.
 - ② Connect the DC IN 3V jack of the recorder to a wall outlet with the supplied AC power adaptor.
- 2 Insert an MD.
 - ① Press OPEN to open the lid.
 - ② Insert an MD with the label side facing front, and press the lid to close.
- 3 Start playing.
 - ① Press  (Press  on the remote control).
 - ② A short beep sounds in the headphones.
 - ③ Press VOL +/- to adjust the volume.

To stop play, press .

After you press , the recorder will automatically turn off after:

- about 5 minutes when using AC power adaptor.
- about 10 seconds when using batteries.

To	Do this (Beeps in the headphones)
Find the beginning of the current track	Press  once. Press  on the remote control. (Three short beeps)
Find the beginning of the next track	Press  once. Press  on the remote control. (Two short beeps)
Pause	Press  . (Continuous short beeps) Press  again to resume play.
Go backwards while playing ¹⁾	Keep pressing  . Keep pressing the control towards  on the remote control.
Go forward while playing ¹⁾	Keep pressing  . Keep pressing  on the remote control.

To	Do this (Beeps in the headphones)
Remove the MD	Press ■, then press OPEN to open the lid. ²⁾

- ¹⁾ To go backwards or forward quickly without listening, press ■■ and hold down ◀◀ or ▶▶ (◀◀◀ or ▶▶▶ on the remote control).
- ²⁾ Once you open the lid, the point to start play will change to the beginning of the first track.

If the playback does not start

Make sure the recorder is not locked. If it is locked, slide the HOLD switch on the bottom of the recorder in the opposite direction of the arrow.

When using optional headphones

- Use headphones with a stereo mini-plug.
You cannot use headphones with a micro-plug.
- In addition to the ① jack, you can connect headphones to the ② jack as well.

Notes

- To prevent recorder malfunction, do not use a remote control that was supplied with another Sony portable MD model.
- The sound may skip during playback when the recorder is exposed to continuous vibration, such as while jogging.

► **Various ways of recording**

Connecting digital (optical) and analog (line) inputs

The recorder selects digital or analog input according to how the sound source is hooked up.

Input Difference	Digital (optical) input	Analog (line) input
Connectable source	Equipment with a digital (optical) output jack	Equipment with an analog (line) output jack
Usable cord	Optical cable (with an optical or an optical-mini plug)	Line cable (with 2 phono plugs or a stereo-mini plug)
Signal from the source	Digital	Analog Even when a digital source (such as a CD) is connected, the signal sent to the recorder is analog.
Recorded track numbers	Marked (copied) automatically <ul style="list-style-type: none">• at the same positions as the source.• after more than 2 seconds of silence¹⁾.• when recording is paused.	Marked <ul style="list-style-type: none">• after more than 2 seconds of silence.• when recording is paused. You can erase unnecessary marks after recording.
Recorded sound level	Same as the source. You can also adjust it manually. (Digital REC level control)	Adjusted automatically. You can also adjust it manually.

¹⁾ When recording a CD or an MD, track numbers are automatically marked in the order of the original disc.

Recording with analog input (line cable required)

See the illustration in English text (page 18).

The sound will be sent from the connected equipment as an analog signal but will be recorded digitally on the disc.

- 1 Connect the LINE IN (OPTICAL) jack of the recorder to the line out jack of the source with a line cable (not supplied).
The recorder switches to analog input automatically.
- 2 Connect the power source.
To use on AC power, see “Recording an MD right away!” (page 5). To use on other power sources, see page 24.
- 3 Insert a recordable MD.
Press OPEN to open the lid, insert a recordable MD, and close the lid.
- 4 Press and slide REC to the right.
“REC” lights up in the display and recording starts.
- 5 Play the sound source.

To stop recording, press ■.

Synchro-recording from a digital source

See the illustration in English text (page 19).

You can easily dub a digital source on an MD by using the SYNCHRO REC switch.

Before synchro-recording, be sure to make digital connection and insert a recordable MD. Note that track marks are automatically marked at the same positions as the source.

- 1 Slide SYNCHRO REC on the bottom of the recorder to ON.
“SYNC” lights up in the display.
- 2 Slide REC to the right.
“REC” lights up in the display.
The recorder starts recording when you start playing the source player.

To stop recording, press ■.

Notes

- Do not switch SYNCHRO REC after step 2. Recording may not be made properly.

- When recording in monaural, follow steps 1 to 3 of “Recording in monaural for double the normal recording time of an MD” (page 11) and then do steps of synchro-recording.
- Even when there is no recorded sound on the sound source, there may be cases when recording does not pause automatically during synchro-recording due to the noise level emitted from the sound source.
- If a silent portion is encountered for 2 seconds or more during synchro-recording, a new track mark is automatically added at the point where the silent portion ends.
- Synchro-recording cannot be done if the connecting cord is not an optical cable, or if the cable is connected to the MIC (PLUG IN POWER) jack.

Recording from a microphone

See the illustration in the English text (page 21).

Connect a microphone to the MIC (PLUG IN POWER) jack. Use a stereo microphone (ECM-717, ECM-MS907, ECM-MS957, etc., not supplied).

- 1** Insert a recordable MD.
Press OPEN to open the lid, insert a recordable MD, and close the lid.
- 2** Slide REC to the right.
“REC” lights up in the display and recording starts.

To stop recording, press ■.

Notes

- You cannot record through the microphone while an optical cable is connected to the LINE IN (OPTICAL) jack. The recorder automatically switches input in the following order; optical input, microphone input, and analog input.
- The microphone may pick up the operating sound of the recorder itself. Use the microphone away from the recorder in such cases.

Recording in monaural for double the normal recording time of an MD

See the illustration in the English text (page 22).

For longer recordings, choose to record in monaural. The recording time becomes double the normal.

- 1** While pressing ■, slide REC to the right.
The recorder stands by for recording.

continued

- 2 Press ENTER, press ◀MENU▶ repeatedly until “REC MODE” flashes in the display, and then press ENTER again.
- 3 Press ◀MENU▶ repeatedly until “Mono REC” flashes in the display, and then press ENTER.
To switch back to stereo recording again, press ENTER while “Stereo REC” flashes in the display in this step.
- 4 Press **II** again to start recording.
- 5 Start the sound source.

To stop recording, press ■.

The recorder switches back to stereo recording when you record next time.

Notes

- If you record in monaural from a stereo source, the sounds from left and right will be mixed.
- You cannot record in monaural if SYNCHRO REC is slid to ON. If you are recording digital input, make sure to slide SYNCHRO REC to OFF before you begin recording.
- The MDs recorded in monaural can be played back only with an MD player/recorder that has the monaural playing function.
- Sound recorded through digital (optical) input can be monitored in stereo through headphones, etc.

Adjusting the recording level (Manual recording)

See the illustration in the English text (page 23).

When you record, the sound level is adjusted automatically. If necessary, you can set the level manually.

Note

Adjust the recording level while the recorder is in standby mode. You cannot adjust it while recording.

- 1 While holding down **II**, slide REC to the right.
The recorder stands by for recording.
- 2 Press ENTER, press ◀MENU▶ repeatedly until “RecVolume” flashes in the display, and then press ENTER again.
- 3 Press ◀MENU▶ repeatedly until “ManualREC” flashes in the display, and then press ENTER.
To switch back to the automatic level adjustment, press ENTER while “Auto REC” flashes in the display.

4 Play the program source.

5 While observing the level meter in the display, adjust the recording level by pressing **←MENU→**, **▶▶|** (+), or **◀◀|** (-).

Set the level so that the level meter reaches around **—** (-12 dB) mark above the display window.

If the sound is too high, lower the recording level until the level meter just barely reach the **⇌** (OVER) mark above the display window.

If your source is an externally connected component, be sure to cue the source to the beginning of the material to be recorded before you start playback.

6 Press **||** again to start recording.

To stop recording, press ■.

Note

The recording level cannot be adjusted while recording is in progress. If you want to adjust the recording level after you have started the recording, press **||** to pause the recorder. Then do the procedure from step 5.

► **Various ways of playback**

Playing tracks repeatedly

See the illustrations in the English text (page 30).

On the recorder

- 1 While the recorder is playing an MD or stopped, press ENTER, press **←MENU→** repeatedly until “PLAY MODE” flashes in the display, and then press ENTER again.
- 2 Press **←MENU→** repeatedly to select the play mode, and then press ENTER.
Each time you press **MENU→**, the play mode changes and when you press ENTER to select, indication appears in the display as follows.

“No Repeat/(none)” All the tracks are played once.



“AllRepeat/  ” All the tracks are played repeatedly.



“1 Repeat/  1” A single track is played repeatedly.



“Shuffle/  SHUF”

After the currently selected track finishes playing, the remaining tracks are played repeatedly in random order.



On the remote control

There is no display window on the remote control. Menu items should be viewed in the display window on the recorder.

- 1 While the recorder is playing or stopped, press EDIT for 2 seconds or more, press **⏮** or **⏭** repeatedly until “PLAY MODE” flashes in the display, and then press ENTER (■).
- 2 Press **⏮** or **⏭** repeatedly to select the play mode, and then press ENTER (■).
Each time you press **⏭**, the display window changes as step 2 of “On the recorder”.

Connecting to a stereo system

See the illustration in English text (page 38).

Connect the \odot 1 (or \odot 2) jack of the recorder to the LINE IN jacks of an amplifier or a tape player with a line cable (not supplied).

The output is analog. The recorder plays the MD digitally and sends analog signals to the connected equipment.

When connecting a line cable to the \odot 1 (or \odot 2) jack

When connecting a line cable (not supplied), be sure to set “BEEP” setting to “BEEP OFF”. This keeps the beep sound out of the recorded signal or the output from the externally connected equipment.

- 1 Press ENTER, press \leftarrow MENU \rightarrow repeatedly until “BEEP” flashes in the display, and then press ENTER again.
- 2 Press \leftarrow MENU \rightarrow repeatedly until “BEEP OFF” flashes in the display, and then press ENTER.

Notes

- Even when connecting to the externally connected equipment, the Mega Bass function is operative. If you do not want the effect of the Mega Bass function on your recording or the output from the external equipment, set “MEGA BASS” to “BASS 0”.
- When recording to an externally connected device, press VOL + repeatedly to raise the volume level to maximum, which is optimum for recording to an externally connected equipment. If, however, this level produces distortion in the recording, press VOL – several times to lower the level (to that shown in the illustration on page 39 in English text).
- When recording through a line cable connected to \odot 1 or \odot 2 (headphone jack), refrain from connecting another line cable to the other headphone jack (or disconnecting one that is already connected). Doing this may produce distortion in your recording.
- To switch back to the beep sound operative again, select “BEEP ON” in step 2.

► **Editing recorded tracks**

You can edit your recordings. Premastered MDs cannot be edited.

Notes on editing

- Do not move or jog the recorder while “TOC Edit”* is flashing in the display.
- You cannot edit tracks on an MD that is record -protected. Before editing tracks, close the tab on the side of the MD.
- If you perform an editing operation while playing, be sure not to turn the power off until “TOC Edit” disappears in the display.
- The lid does not open until “TOC Edit” disappears in the display after editing.

* TOC = Table of Contents

Erasing a track

See the illustration in the English text (page 40).

You can quickly erase a recorded track. Note that once a recording has been erased, you cannot retrieve it.

On the recorder

- 1** While playing the track you want to erase, press ENTER so that “EDIT” flashes in the display, then press ENTER again.
“: Name” flashes in the display, and the recorder plays the selected track repeatedly.
- 2** Press  MENU  repeatedly until “: Erase” flashes in the display, then press ENTER.
“Erase OK?” and “PushENTER” appear alternately in the display.
To cancel erasing, press  or T MARK.
- 3** Check that the track number you want to erase appears in the display, then press ENTER.
The track is erased and the next track starts to play. All the tracks after the one erased are automatically renumbered.

On the remote control

There is no display window on the remote control. Menu items should be viewed in the display window on the recorder.

- 1 While playing the track you want to erase, press EDIT for 2 seconds or more so that “EDIT” flashes in the display, and then press ENTER (■).
“🎵: Name” flashes in the display, and the recorder plays the selected track repeatedly.
- 2 Press ◀◀ or ▶▶ repeatedly until “🎵: Erase” flashes in the display, and then press ENTER (■).
“Erase OK?” and “PushENTER” appear alternately in the display.
To cancel erasing, press EDIT for 2 seconds or more, or press T MARK.
- 3 Check the track number you want to erase in the display, and then press ENTER (■).
The track is erased and the next track starts to play. All the tracks after the one erased are automatically renumbered.

To erase a part of a track

Add track marks at the beginning and the end of the part you want to erase, then erase the part.

Erasing a whole disc

See the illustration in the English text (page 42).

You can quickly erase all the tracks and data of the MD at the same time. Note that once a recording has been erased, you cannot retrieve it.

On the recorder

- 1 While the recorder is stopped, press ENTER so that “EDIT” flashes in the display, and then press ENTER again.
“🎵 : Name” flashes in the display.
- 2 Press ◀MENU▶ repeatedly until “🎵 : Erase” flashes in the display, and then press ENTER.
“All Erase?” and “PushENTER” appear alternately in the display.
To cancel erasing, press ■ or T MARK.
- 3 Press ENTER again.
“TOC Edit” flashes in the display, and all the tracks will be erased.
When erasing is complete, “BLANKDISC” appears in the display.

On the remote control

There is no display window on the remote control. Menu items should be viewed in the display window on the recorder.

- 1 While the recorder is stopped, press EDIT for 2 seconds or more so that "EDIT" flashes in the display, and then press ENTER (■).
"⊖ : Name" flashes in the display.
- 2 Press ◀◀ or ▶▶ repeatedly until "⊖ : Erase" flashes in the display, and then press ENTER (■).
"Erase OK?" and "PushENTER" appear alternately in the display.
To cancel erasing, press EDIT for 2 seconds or more, or press T MARK.
- 3 Press ENTER (■).
"TOC Edit" flashes in the display and all the tracks will be erased.
When erasing is complete, "BLANKDISC" appears in the display.

Adding a track mark

See the illustration in the English text (page 44).

You can add a track mark into a track.

- 1 While the recorder is playing or pausing an MD, press T MARK on the recorder at the point you want to mark.
"MARK ON" appears in the display, and the track mark is added.

To add track marks while recording (except while synchro-recording)

Press T MARK on the recorder at the point you want to add a track mark.

Notes

- You can not add track marks during synchro-recording.
- T MARK on the remote control does not function during playback.

Erasing a track mark

See the illustrations in the English text (page 45).

When you record with analog (line) input, unnecessary track marks may be recorded where recording level is low. You can erase a track mark to combine the tracks before and after the track mark.

- 1 While playing the track with the track mark you want to erase, press || to pause.

- 2 Find the track mark by pressing  slightly.
“00:00” flashes in the display.
- 3 Press the T MARK to erase the mark.
“MARK OFF” appears in the display. The track mark is erased and the two tracks are combined. The number of the newly combined track will be that of the first track and the succeeding tracks will be renumbered.

Moving recorded tracks

See the illustrations in the English text (page 46).

You can change the order of the recorded tracks.

On the recorder

- 1 While playing the track you want to move, press ENTER so that “EDIT” flashes in the display, and then press ENTER again.
“: Name” flashes in the display and the recorder plays the selected track repeatedly.
- 2 Press MENU repeatedly until “: Move” flashes in the display, and then press ENTER.
- 3 Press MENU repeatedly to select the destination track number.
To cancel moving, press  or T MARK.
- 4 Press ENTER.
The track moves to the selected destination track.

On the remote control

There is no display window on the remote control. Menu items should be viewed in the display window on the recorder.

- 1 While playing the track you want to move, press EDIT for 2 seconds or more so that “EDIT” flashes in the display, and then press ENTER ().
“: Name” flashes in the display and the recorder plays the selected track repeatedly.
- 2 Press  or  repeatedly until “: Move” appears in the display.
- 3 Press ENTER ().
To cancel moving, press EDIT for 2 seconds or more or press T MARK.

continued

- 4 Press **◀◀** or **▶▶** repeatedly to select the destination track number.
- 5 Press **ENTER** (■).
The selected track moves just before the destination track.

Labeling recordings

See the illustration in the English text (page 48).

You can name discs while the recorder is stopped, tracks while the recorder is playing, and both while the recorder is recording. Each name can be as long as 200 letters.

Each disc can hold up to 1700 alphanumeric letters during playback or stop.

Labeling on the recorder

Labeling a disc during stop

- 1 Insert a disc.
To label a disc that is already in the recorder, press ■ to stop.
- 2 Press **ENTER** so that “EDIT” flashes in the display, and then press **ENTER** again.
“ : Name” flashes in the display.
- 3 Press **ENTER** again.
- 4 Press **←MENU→** repeatedly to select a letter and press **ENTER**.
The selected letter stops flashing and the cursor moves to the next input position.
Press **II** to switch between capital letters, small letters, marks/numbers, and phrases (if phrases are stored in the phrase bank).
Press **VOL +/-** to move the cursor to left or right.
Press **▶▶** when inputting alphabet, symbol or numbers to change the letter to the one before/next one. Press **◀◀** to go back.
Press **END SEARCH** together with **VOL +** to insert a blank space to type in a new letter.
Press **END SEARCH** together with **VOL -** to delete a letter and move back all following letters to the left.
Press ■ or **T MARK** to cancel labeling.
- 5 Repeat step 4 and enter all characters of the label name.
- 6 Press **ENTER** for 2 seconds or more.
The track or disc is labeled.

Labeling a track during playback

- 1 Insert a disc and play the track you want to label.
- 2 Press ENTER so that "EDIT" flashes in the display, and then press ENTER again.
"🎵: Name" flashes in the display.
- 3 Press ENTER again.
- 4 Follow steps 4 to 6 of "Labeling a disc during stop" above.

Labeling a track or a disc during recording

- 1 While recording, press ENTER so that "EDIT" flashes in the display, and then press ENTER again.
"🎵: Name" flashes in the display.
- 2 To label a track, press ENTER again.
To label a disc, press ◀MENU▶ repeatedly until "🎵: Name" flashes in the display, and then press ENTER.
- 3 Follow steps 4 to 6 of "Labeling a disc during stop" above.

Note

When the recording is stopped while labeling a track or a disc during recording, or when the recording moves on to the next track while labeling a track, the input at that point is entered automatically.

To cancel labeling, press ■ or T MARK.

Labeling on the remote control

There is no display window on the remote control. Menu items should be viewed in the display window on the recorder.

Labeling a disc during stop

- 1 Insert a disc.
- 2 Press EDIT for 2 seconds or more so that "EDIT" flashes in the display, and then press ENTER (■).
"🎵: Name" flashes in the display.
- 3 Press ENTER (■).
The disc is ready to be labeled.

continued

- 4** Press **◀◀** or **▶▶▶** repeatedly to select a letter and press **ENTER** (■).

The selected letter stops flashing and the cursor moves to the next input position.

Press **CAPS** (■) to switch between capital letters, small letters and marks/numbers.

Press **VOL +/-** to move the cursor to left or right.

Press **▶▶▶** (**SELECT**→) when inputting alphabet, symbol or numbers to change the letter to the one before/next one. Press **◀◀** (←**SELECT**) to go back.

Press **EDIT** to insert a blank space to type in a new letter.

Press **EDIT** for 2 seconds or more to cancel labeling.

Press **DELETE** to delete a letter and move back all following letters to the left.

Press **T MARK** to cancel labeling.

- 5** Repeat step 4 and enter all characters of the label name.

- 6** Keep pressing **ENTER** (■) for 2 seconds or longer.

The track or disc is labeled.

Labeling a track during playback

- 1** Insert a disc and play the track you want to label.

- 2** Press **EDIT** for 2 seconds or more so that “**EDIT**” flashes in the display, and then press **ENTER** (■).

“: Name” flashes in the display.

- 3** Press **ENTER** (■).

The disc is ready to be labeled.

- 4** Follow steps 4 to 6 of “Labeling a disc during stop” above.

Labeling a track or a disc during recording

- 1** While recording, press **EDIT** for 2 seconds or more, so that “**EDIT**” flashes in the display, and then press **ENTER** (■).

“: Name” flashes in the display.

- 2** To label a track, press **ENTER** (■).

To label a disc, press **◀◀** or **▶▶▶** until “: Name” flashes in the display, then press **ENTER** (■).

- 3** Follow steps 4 to 6 of “Labeling a disc during stop” above.

To cancel labeling, press *EDIT* for 2 seconds or more or press *T MARK*.

Note

When the recording is stopped while labeling a track or a disc during recording, or when the recording moves on to the next track while labeling a track, the input at that point is entered automatically.

Relabeling recordings

Follow the steps corresponding to the labeling method until the disc or track is ready to be labeled. Enter a new character over the one you want to change, then press ENTER (■ for 2 seconds or more on the remote control).

► **Power sources**

You can use the recorder on ...

- house current.
- a nickel cadmium rechargeable battery (supplied).
- LR6 (size AA) alkaline dry battery (not supplied).

It is preferable to use the recorder on house current when recording for a long time.

Charging a nickel cadmium rechargeable battery

See the illustrations in the English text (page 53 and 54).

Before using the supplied NC-WMAA nickel cadmium rechargeable battery for the first time, you must charge it.

- 1** Connect the supplied AC power adaptor.
- 2** Insert the NC-WMAA into the recorder and close the lid.
- 3** Press **■**.
“Charging” flashes, appears in the display, and charging starts.
When charging is completed, battery indication disappears.
A completely discharged battery takes about 3 hours to charge fully.
To cancel charging, press **■**.

Notes

- If you press **■** immediately after charging has completed, charging will begin again, even though the battery is already fully charged.
- Charging stops when you try to operate the recorder during charging.
- Be sure to use the supplied AC power adaptor.
- Charging time may vary depending on the battery condition.
- When a rechargeable battery is charged for the first time or charged after a long period of disuse, battery life may be shorter than usual. Repeat discharging and recharging a few times. The battery life should return to normal.
- When the battery life of a fully charged rechargeable battery becomes about half the normal life, replace it.
- When carrying the rechargeable battery, keep it in the supplied carrying case. It is dangerous to carry the battery out of its case in your pocket or a bag together with metallic objects such as key rings, as this may cause a short circuit.
- Remove the rechargeable battery from the recorder when it is not to be used for a long time.

Using on a battery

See the illustration in the English text (page 55).

The recorder accepts either a rechargeable nickel cadmium battery (supplied) or an LR6 (size AA) alkaline dry battery.

Be sure the rechargeable battery is fully charged.

- 1 Insert a fully charged nickel cadmium rechargeable battery or a LR6 (size AA) alkaline dry battery with correct polarity.

Note

Stop operation before replacing the battery.

Battery life¹⁾

Batteries	Recording ²⁾	Playback
NC-WMAA nickel cadmium rechargeable battery	Approx. 3 hours	Approx. 6.5 hours
LR6 (size AA) Sony alkaline dry battery	Approx. 3 hours ³⁾	Approx. 17 hours

1) The battery life may be shorter due to operating conditions and the temperature of the location.

2) When you record, use a fully charged rechargeable battery.

3) Recording time may differ according to the alkaline batteries.

When to replace the battery

When the dry battery or rechargeable battery is weak, flashing  or “LOW BATT” appears in the display. Replace the dry battery or charge the rechargeable battery.

The battery level indicator is approximate.

Notes on a dry battery

Incorrect battery usage may lead to leakage of battery fluid or bursting battery. To prevent such accidents, observe the following precautions:

- Insert the + and – poles of the battery correctly.
- Do not try to recharge the battery.
- When the recorder is not be used for a long time, be sure to remove the battery.
- If a battery leak should develop, carefully and thoroughly wipe away battery fluid from the battery compartment before inserting new ones.

► **Additional information**

Messages

If the recorder cannot carry out an operation, error messages may flash in the display window as follows.

BLANKDISC :

You tried to play an MD with no recording on it.

DISC ERR :

The recorder cannot read the MD (it is scratched or dirty). Reinsert the MD. If the same message still appears, replace the MD.

DISC FULL :

There is no more space to record on the MD (less than 12 seconds available).

Data Save :

The MD player is recording information (sounds) from the memory to the disk. Wait until this process is completed. Do not expose the player to any physical shock, nor disrupt power supply.

TOC Edit :

The MD player is recording information (track start and end position) from the memory to the disk. Wait until this process is completed. Do not expose the player to physical shock, nor disrupt power supply.

BUSY :

You tried to operate the recorder while it was accessing the recorded data. Wait until the message goes out (in rare cases, it may take about 2-3 minute).

NAME FULL :

You tried to enter more than 200 letters to label a single track or disc.
You tried to enter a total of more than 1700 letters for track or disc names during playback or stop.

Hi DC in :

The power supply is higher than required. Use the recommended power sources.

HOLD :

You tried to operate the recorder with the HOLD switch slid in the direction of the arrow. Slide back the switch.

LOW BATT :

The rechargeable battery or dry batteries are weak. Charge the rechargeable battery or replace the dry batteries.

MEM OVER :

You started recording with the recorder receiving continuous vibration. Put the recorder on the stable place and start recording again.

NO COPY :

You tried to make a copy from a disc that is protected by the Serial Copy Management System. You cannot make copies from a digitally connected source which was itself recorded using the digital connection. Use the analog connection instead.

NO DISC :

You tried to play or record with no disc in the recorder.

NO SIGNAL :

The recorder could not detect digital input signals. Make sure that the source is connected firmly. If the message appears while recording, press ■ to end recording.

P/B ONLY :

You tried to record or edit on a premastered MD (P/B stands for playback).

PROTECTED :

You tried to record or edit on an MD with its tab in the record-protect position.

SORRY :

You tried to erase a track mark while playing the MD or at the beginning of the first track.

You tried to erase a track mark to combine tracks the recorder cannot combine.*

You tried to press ■ or T MARK while synchro-recording.

- * If you have recorded or erased many times on the same MD, the data of a single track may be scattered throughout the MD. When the data is scattered in groups of less than 12 seconds long, the recorder will not be able to combine the tracks.

TEMP OVER :

Heat has built up in the recorder. Wait until the recorder cools down.

TR FULL :

You tried to record more than 254 tracks.

TrPROTECT :

You tried to record over or edit a track which has been protected from being recorded over.*

- * Track-protected MiniDiscs — Some MD recorders will let you protect individual tracks from being recorded over. This recorder, however, does not offer this feature.

EDITING :

You pressed a key on the recorder while editing on the remote control, or vice versa.

MENU :

You pressed a key on the remote control while selecting a menu on the recorder.