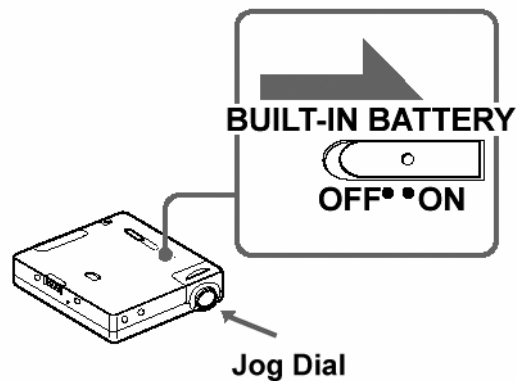


Using ITD's MARS 2 to record directly on MiniDisc

How to connect and power the Sony MiniDisc

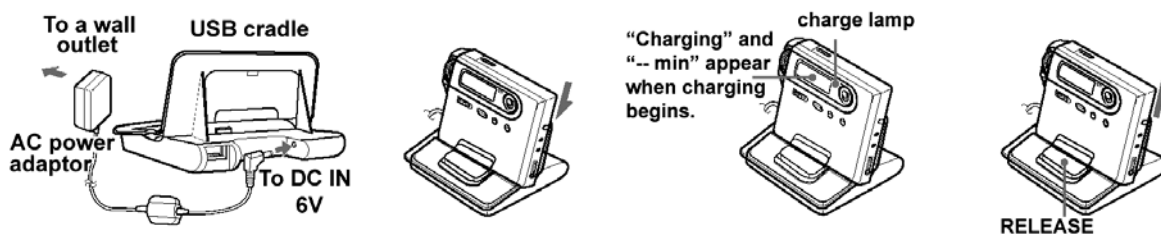
Keep the BUILT-IN BATTERY switch set to ON.

Always keep the Power Mode option to 'Normal' (default). To access the Power Mode press the jog dial, turn it until 'OPTION' appears in the display, and press it again. Toggle between 'NORMAL' and 'QUICK' by turning the jog, pressing it when 'NORMAL' appears in the display.



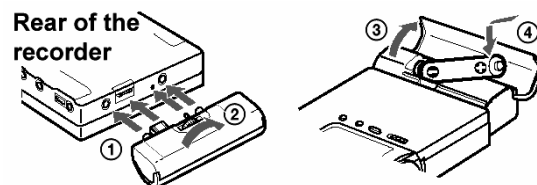
1. To operate the recorder using the AC power adaptor and/or to recharge the built-in battery:

Connect the AC power adaptor to the USB cradle and to a wall outlet and press the recorder on the USB cradle. If the charge lamp turns-off after a short time the built-in battery is sufficiently charged. A drained battery needs ~ 1 hour to be sufficiently charged and ~ 4 hours to be fully charged. You can operate the recorder and the remote control while charging the built-in battery. A fully charged built-in battery can support ~ 8 hours normal speed, stereo recording (SP mode).



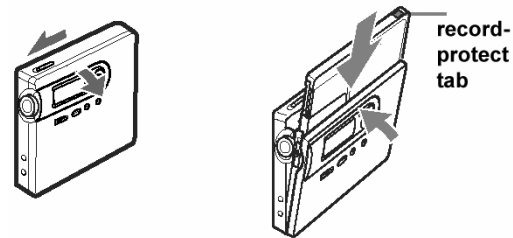
2. To operate the recorder using an alkaline dry battery along with a charged built-in battery:

Attach the dry battery case to the recorder and insert a LR6 (size AA) alkaline dry battery (minus end first).



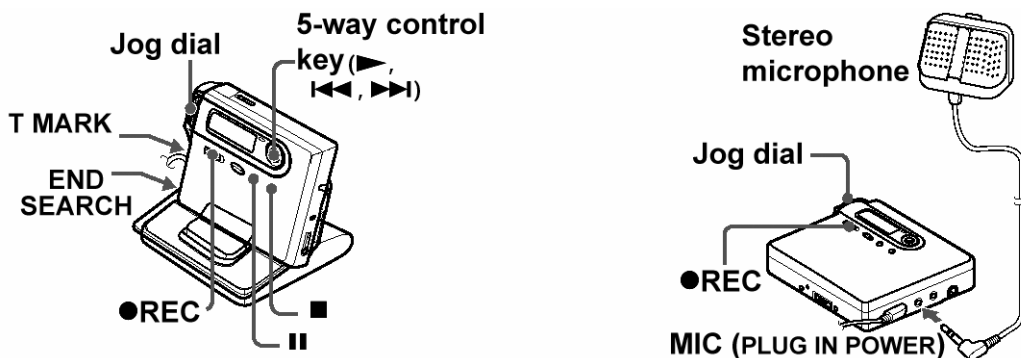
How to record

Slide OPEN to open the lid, insert a MiniDisc with the label side facing front, and press the lid down to close (make sure the record-protect tab is closed).



(a) from a microphone

1. Connect the MZ-N10 to the desired power source (see previous section) and connect the supplied stereo microphone to the MIC (PLUG IN POWER) jack. Use the supplied clip to attach the microphone to a speaker or another desired location. While the recorder is stopped, press and slide ●REC to start recording ('REC' and the REC LED will light up). By default, the recording level is adjusted automatically (recommended) and, each time you insert an MD, recording starts at the beginning, erasing previous content. To record from the end of existing content, press END SEARCH before pressing and sliding ●REC.

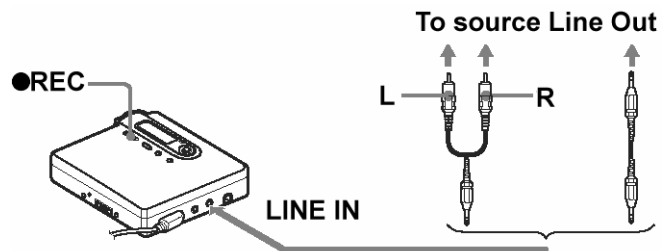


2. For better sound quality, record in normal stereo mode (default setting: SP - ~80 min. of recording on an 80-minute MD) or double-time stereo mode (LP2 - ~ 160 min. of recording on an 80-minute MD). To set the record mode, press the jog dial with the recorder stopped. Turn the dial until 'REC SET' appears in the display, press it, turn it until 'REC MODE' appears in the display, and press it again. Toggle between the 4 available recording modes (SP, LP2, LP4, MONO) by turning the jog dial. Press the dial when the desired mode appears in the display to confirm selection.
3. To change the microphone sensitivity: While the recorder is recording or stopped, press the jog dial, turn it until 'REC SET' appears in the display, press it again, turn it until 'MIC SENS' appears, and press it again. Toggle between 'SENS HIGH' (use when recording a low or normal level sound) and 'SENS LOW' (use when recording a high level sound or a sound at very close range) by turning the jog dial. Press the dial to confirm your selection.

4. To add tracks:
- MANUALLY: While the recorder is recording, press T MARK.
 - AUTOMATICALLY: When recording continuously for long periods of time (e.g. lectures, meetings, etc.) you can use the Auto Time Mark feature to add track marks automatically at specified intervals.
Press the jog dial, turn it until 'REC SET' appears in the display, press it again, turn it until 'TIME MARK' appears in the display, and press it again. Toggle between 'OFF' and 'ON' by turning the jog dial and press the dial when 'ON' appears in the display. Turn the jog dial until the desired time interval appears in the display (1-99 minutes) and press it. To cancel 'Auto Time Mark' select 'OFF' in 'TIME MARK' or stop recording.
5. To stop recording press ■STOP.

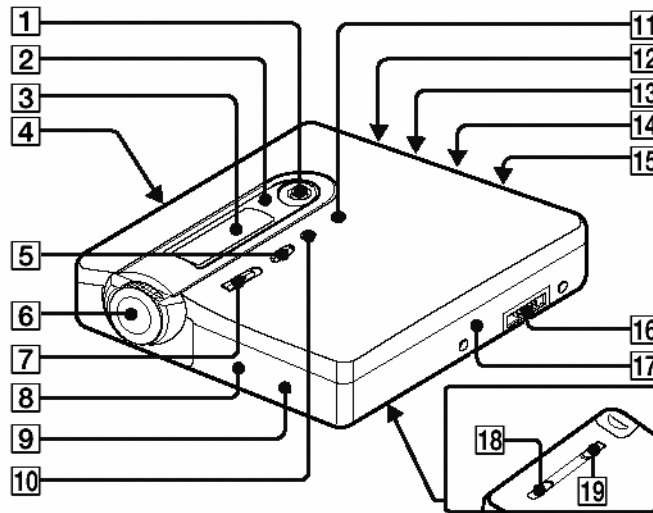
(b) from another analog source

6. To record from another analog source, such as an audio mixer, follow the same process as in (a) but connect the source to the MZ-N10's LINE IN.

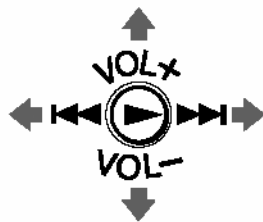


For a description of the main controls see the Appendix.
For additional information/reservations contact your Instructional Technology Consultant (ITC). To locate your ITC go to: <http://www.itd.depaul.edu/website/faculty/default.asp>

APPENDIX



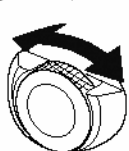
1 5-way control key



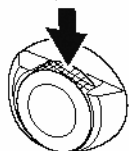
Operation	Function
Press ► ¹⁾	play
Press towards ◀◀	rewind
Press towards ▶▶	fast forward
Press towards VOL+, -.	volume

¹⁾ The ► and VOL + button has a tactile dot.

- 2 Charge lamp
- 3 Display window
- 4 OPEN switch
- 5 GROUP button
- 6 Jog dial (MENU/ENTER)

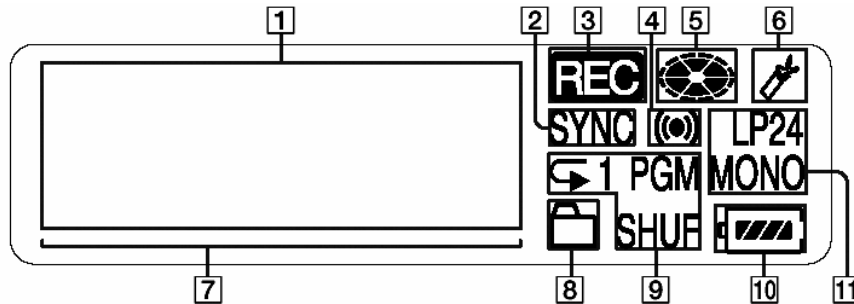


Turn to select

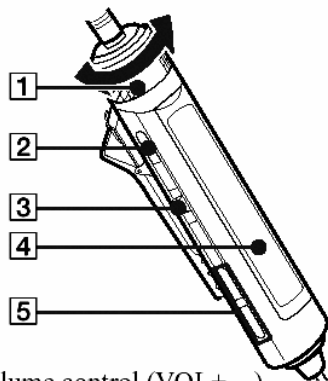


Push to enter

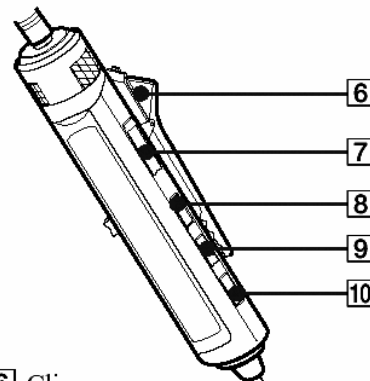
- 7 ● REC (record) switch
- 8 T MARK button
- 9 END SEARCH button
- 10 ■ button
- 11 ■ button
- 12 Handstrap hole
Use the hole to attach your own strap.
- 13 LINE IN (OPT) jack
- 14 MIC (PLUG IN POWER) jack
There is a tactile dot beside the MIC (PLUG IN POWER) jack.
- 15 Ⓜ (headphones/earphones)/LINE OUT jack
- 16 USB cradle connecting jack
- 17 A terminal for attaching dry battery case
- 18 HOLD switch
Slide the switch in the direction of the arrow to disable the buttons on the recorder. To prevent the buttons from being accidentally operated when you carry the recorder, use this function.
- 19 BUILT-IN BATTERY switch
Slide the switch to ON when using the recorder for the first time, and keep it ON thereafter (it is factory set to OFF).



- 1** Character information display
Displays the disc and track names, date, error messages, track numbers, etc.
- 2** SYNC (synchro-recording) indication
- 3** REC indication
Lights up while recording. When flashing, the recorder is in record standby mode.
- 4** Melody timer indication
- 5** Disc indication
Shows that the disc is rotating for recording or playing.
- 6** Bookmark indication
Lights up when playing a bookmarked track.
- 7** Level meter
- 8** Group indication
- 9** Play mode indication
Shows the play mode (shuffle play, program play, repeat play, etc.) of the MD.
- 10** Battery indication
Shows the approximate remaining battery charge. If the built-in rechargeable battery is weak, the indication becomes empty and starts flashing. The recorder will first draw power from the built-in rechargeable battery, even if a dry battery is inserted in the dry battery case. It switches automatically to the dry battery when the built-in rechargeable battery becomes drained. While the recorder is using the power from the dry battery, the frame around the indication will begin slowly flashing.
- 11** LP2, LP4, MONO (monaural) indication



- 1** Volume control (VOL+, -)
Turn to adjust the volume.
- 2** ■ (stop) button
- 3** Jog lever (▶▶/ENT, ◀◀, ▶▶)
▶▶/ENT (to press): play, pause, enter
◀◀ (to slide towards): REW
▶▶ (to slide towards): FF
- 4** Display window
- 5** 📁 (group) +, -



- 6** Clip
- 7** HOLD switch
Slide the switch in the direction of the arrow (a yellow mark appears) to disable the buttons on the remote control. To prevent the buttons from being accidentally operated when you carry the recorder, use this function.
- 8** DISPLAY button
- 9** P MODE/↶ button
- 10** SOUND button