

# Panasonic

Microcassette™ Recorder

## RN-102/122

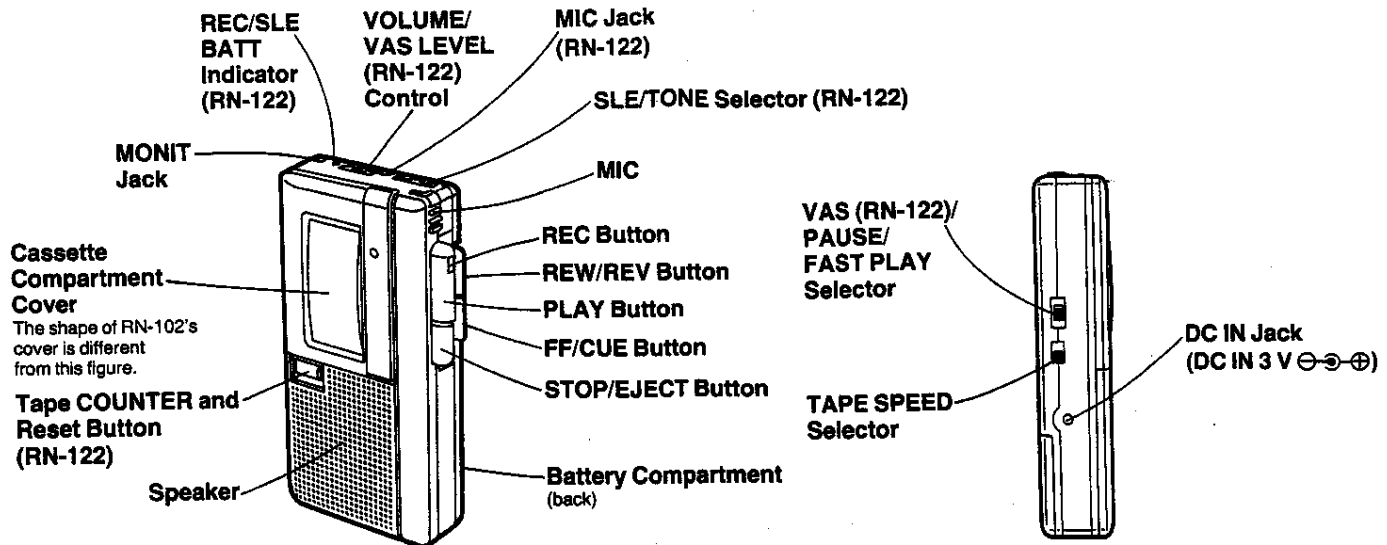
Operating Instructions

Before connecting, operating or adjusting this product, please read these instructions completely.

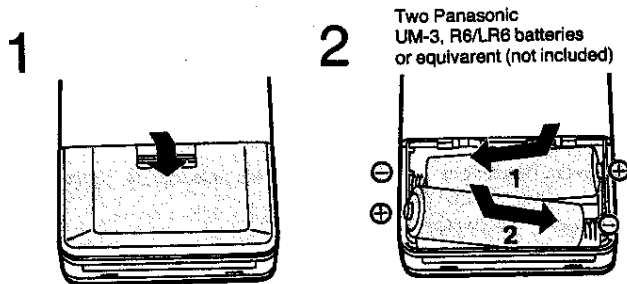
RQT0888-L F129010



### Location of Controls



### Power Source



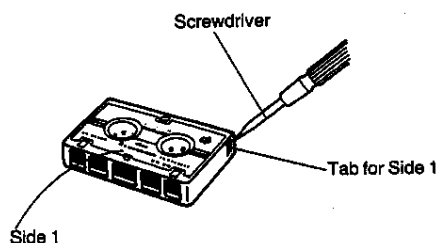
- Batteries installed with incorrect polarities may leak and damage this unit.
- Do not mix batteries (old and new) or types (carbon and alkaline).
- When the batteries are weak, the tape speed will slow down, the sound will become distorted, and the volume will decrease.
- If the set is not used for a long period of time or is used only from an AC power source, remove all the batteries to prevent potential damage due to possible battery leakage.
- For AC power operation, use only Panasonic AC adaptor (RD-9443HA, optional).

#### Battery removal

Press the ⊕ side toward the ⊖ battery terminal and lift up.

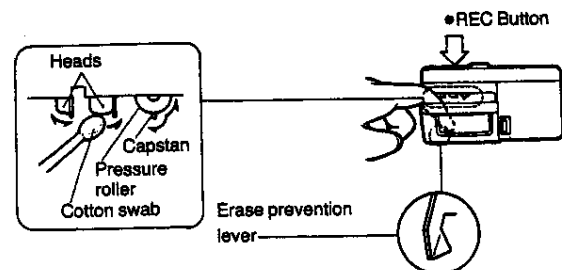
### Record Prevention

Removing the tab(s) of the cassette (with a small screwdriver) will prevent accidental erasure. To record again, cover the hole of the tab with adhesive tape.



### Maintenance

Get into habit of cleaning the head assembly (after every 10 hours or so) with a cotton swab dampened with a little alcohol.



### Specifications

**Power Requirement:** AC; 240 V, 50 Hz (with optional Panasonic AC adaptor RD-9443HA)  
Battery; 3 V (two UM-3, R6/LR6, batteries)

**Power Output:** 300 mW

**Tape Speed:** 1.2 cm/s, 2.4 cm/s

**Program Time:** 2 hours with RT-60MC microcassette tape (at "1.2" speed)

**Track System:** 2-track monaural recording and playback

**Input:** DC IN; 3 V

**Output:** MONITOR

**Speaker:** 4 cm

**Dimensions:** (W×H×D) 60×117×23.7 mm

**Weight:** 135 g (RN-102), 138 g (RN-122) without batteries

# Operations

## ■ Recording

1. Open the Cassette Compartment. Insert the cassette. Close the cover.
2. Set the PAUSE Selector to "OFF". (RN-102)  
Set the VAS/PAUSE Selector to "VAS" if VAS feature is desired or "OFF" if not. And set the SLE Selector to "ON" if desired. (RN-122)
3. Set the TAPE SPEED Selector as desired.  
The "2.4" position is suggested for better sound quality. (2.4 cm/sec., Standard play)  
The "1.2" position makes it possible to record for 120 min., using 60 min. microcassette tape. (1.2 cm/sec., Long play)
4. Press the REC Button. (The recording level is automatically adjusted.)
  - The Lighting of the REC/BATT Indicator shows that the tape is running and recording is being made. (RN-122)
  - When using VAS recording adjust the voice activation level using the VOLUME Control. Normal settings are 4 to 7. (RN-122)
5. To stop recording, press the STOP/EJECT Button.

## ■ Playback

- 1 Set the FAST PLAY Selector to "FAST PLAY" if this feature is desired.
  2. Press the PLAY Button.
  3. Adjust the volume using the VOLUME Control and select the desired tone; "HIGH" or "LOW" by setting the TONE Selector. (RN-122)
  4. To stop playback, press the STOP/EJECT Button.
- The monitor system enables you to listen, through the earphone to the sound as it is being recorded. The monitor level can be adjusted by the VOLUME Control.
  - When recording, previously recorded signals on the tape will be erased automatically.
  - Recording can be started during playback by simply pressing the REC Button.

## ■ Silent Auto-Stop (RN-122)

When the tape comes its end during playback (or recording), the tape stops moving and the power is turned off. This is called "Silent Auto-Stop". After silent auto-stop functions, be sure to press the STOP/EJECT Button.

## ■ Fast Forward and Rewind

The tape will rewind rapidly when the REW/REV Button is pressed. The tape will move forward rapidly when the FF/CUE Button is pressed.

## ■ CUE and REVIEW (when the PLAY or REC Button has been pressed.)

The recorded sound can be monitored at a fast speed, as long as the FF/CUE or REW/REV Button is pressed.

- At the end of the tape, be sure to press the STOP Button. (RN-102)
- If the tape reaches its end except playing or recording, the silent-stop system will not operate, so the STOP/EJECT Button should be pushed to place the unit in the stop condition. (RN-122)

## ■ VAS (Voice Activated System) recording (RN-122)

In the VAS mode of operation, the recording starts automatically when sound is picked up by the microphone and stops in about 4 seconds after there is no sound picked up by the microphone. This feature is useful to minimize tape waste and lets the user give extra thought to the dication without the interruption of manually operating the start and stop controls while recording.

- To use the feature set the VAS/PAUSE Selector to "VAS".
- For normal recording level set to "4~7".  
To record loud sounds only, set the VOLUME Control to "1~3". To record soft sounds, set it to "8~10". No sound is recorded at "0".

## ■ SLE (Sound Level Equalizer) recording (RN-122)

SLE improves recording in remote locations, away from the source. This is helpful in class and conference rooms. The SLE Recording Indicator will turn to be green that recording is in progress.

## ■ Fast Play Selector

Playback speed can be about 20% faster setting the FAST PLAY Selector to "FAST PLAY".

## ■ Pause

The tape movement can be stopped temporarily by setting the PAUSE Selector to "PAUSE".  
To resume the operation, set to "OFF".  
Do not set to "PAUSE" for a long time to prevent the deformation of the Pressure roller.

## ■ Tape Counter and Reset Button (RN-122)

The digits returns to "000" when the Reset Button is pressed. The digits advance with the tape to provide a reference to quickly find a desired portion of tape.

# Notes

- Batteries installed with incorrect polarities may leak and damage this unit.
- Do not mix batteries (old and new) or types (carbon and alkaline.)
- If the set is not used for a long period of time, or is used only from an AC power source, remove all the batteries to prevent potential damage due to possible battery leakage.

- Avoid using or placing this unit near sources of heat. Do not leave it in an automobile exposed to direct sunlight for a long period of time with the doors and windows closed, as this may deform the cabinet.
- Avoid spray-type insecticides. Some insecticides contain chemicals that could cause cabinet deformation.