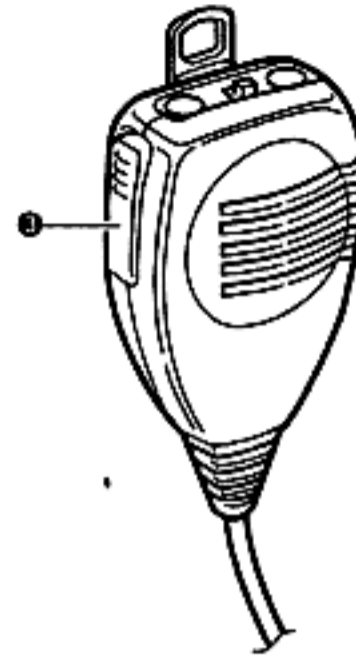
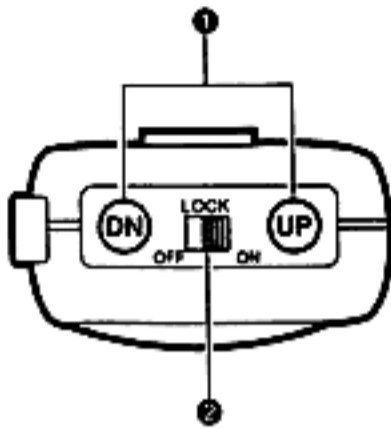


## Microphone (HM-103)



### ① UP/DOWN SWITCHES [UP]/[DN]

Change the operating frequency.

- Push and hold to change the frequency continuously.
- Tuning step is 50 Hz when no TS indicator appears.

### ② LOCK SWITCH [LOCK]

Locks the [UP]/[DN] switches.

### ③ PTT SWITCH [PTT]

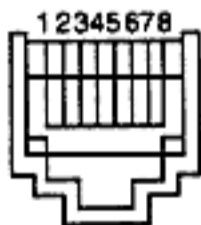
Push and hold to transmit; release to receive.

## TECHNICAL INFORMATION

### • MICROPHONE CONNECTOR

- ① +8 V DC output
- ② Frequency up/down
- ③ AF output
- ④ PTT
- ⑤ GND (microphone ground)
- ⑥ Microphone input
- ⑦ GND
- ⑧ Squelch switch

Rear panel view



PIN NO.	FUNCTION	DESCRIPTION
1	+8 V DC output	Max. 10 mA
2	Frequency up	Ground
	Frequency down	Ground through 470 Ω
8	Squelch open	"LOW" level
	Squelch closed	"HIGH" level

**Caution:** DO NOT short pin 1 to ground as this can damage the internal 8 V regulator.

### • HM-103 SCHEMATIC DIAGRAM

