

# HM-56 ADVANCED FUNCTIONS

The HM-56 HAND MICROPHONE is equipped with 14 DTMF code memory channels and a re-dialing function for auto dialing. Up to 22-digit telephone number, etc. can be memorized into each memory channel.

**NOTE:** Set [LOCK] on the microphone to the OFF position to use HM-56 functions.

## ■ 3 modes

The HM-56 has 3 modes as follows:

### • MEMORY WRITING mode

Used when writing DTMF codes into a DTMF code memory channel.

- The active indicator blinks fast.

### • MEMORY READING mode

Used when reading DTMF codes from a DTMF code memory channel.

- The active indicator lights continuously.

### • RE-DIALING mode

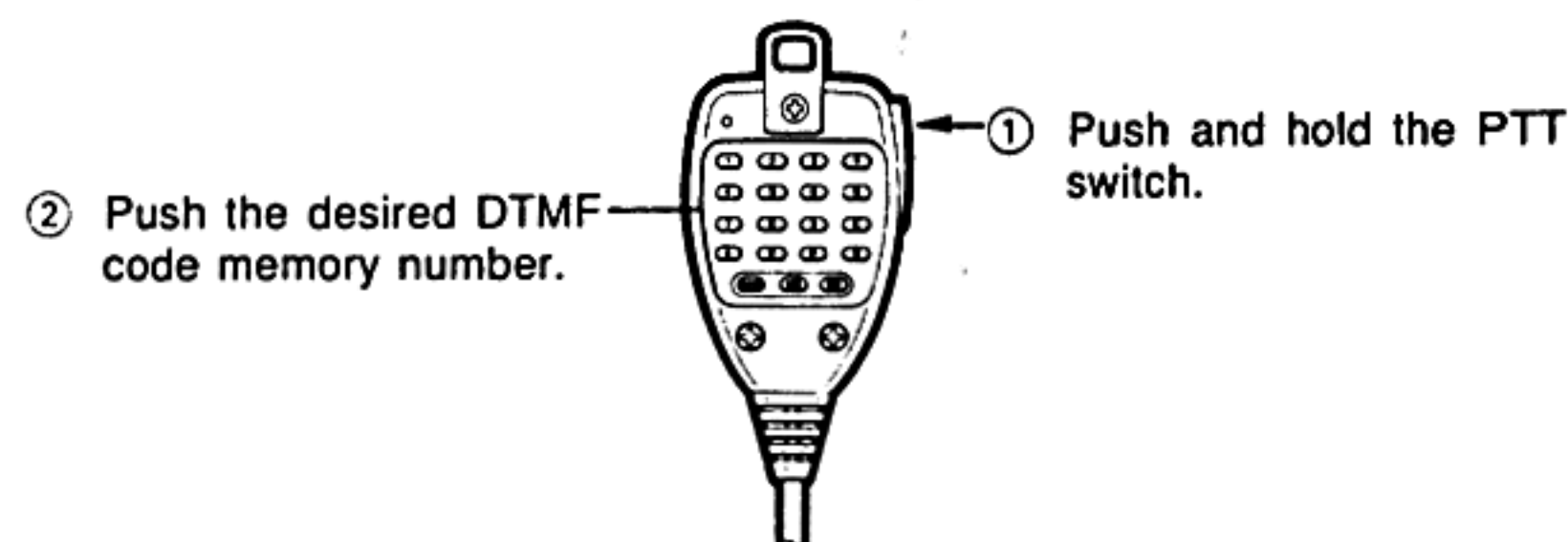
Used when recalling the last-transmitted DTMF codes.

- The active indicator blinks slowly.

## ■ Writing a DTMF code memory

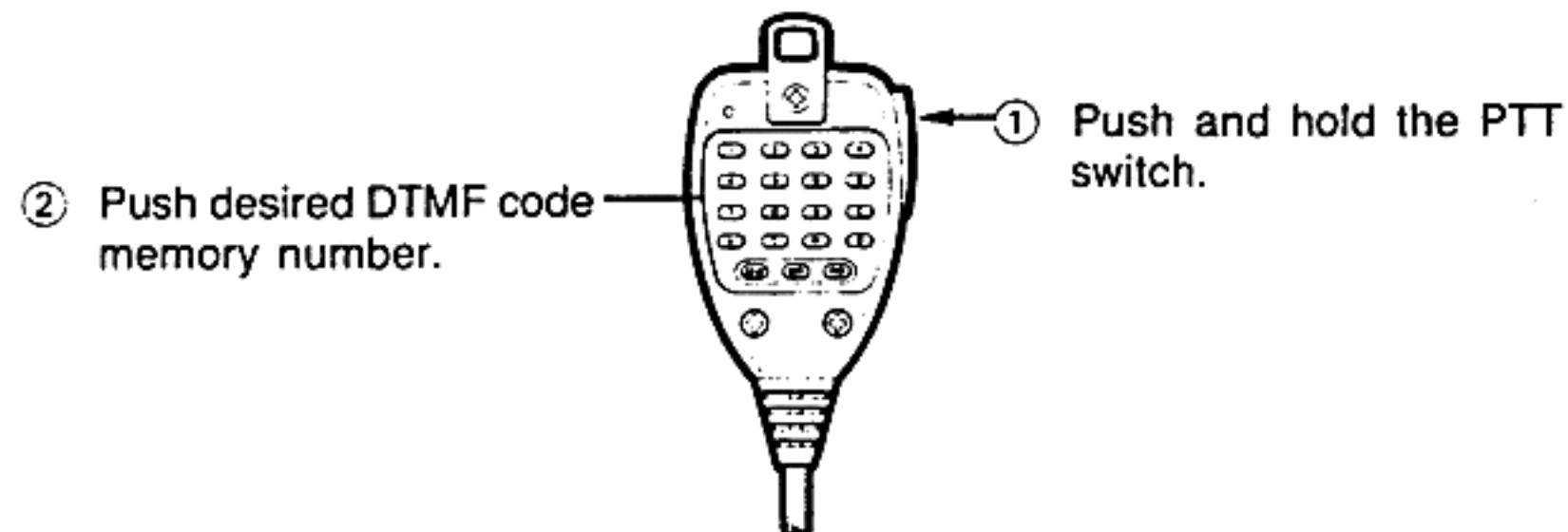
Program a DTMF code memory channel as follows.

- 1) Push [MW] on the microphone to select the MEMORY WRITING mode.
  - The active indicator blinks.
- 2) While holding the PTT switch, push the desired DTMF code memory number from [1] to [D] on the keyboard. Keep pushing the PTT switch.
- 3) While pushing the PTT switch, push the desired keys up to 22 digits.
- 4) Release the PTT switch.
- 5) Push [MW] on the microphone to memorize the code into the DTMF code memory channel.



## ■ DTMF code memory erasing

- 1) Push [MW] on the microphone to select MEMORY WRITING mode.
  - The active indicator blinks.
- 2) While holding the PTT switch, push the desired DTMF code memory number [1] to [D] on the keyboard.

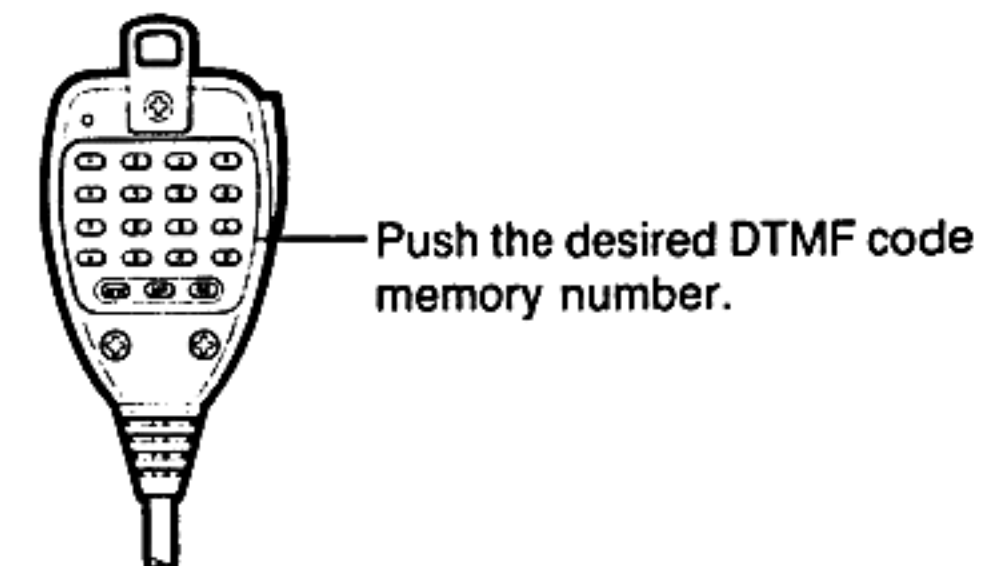


- 3) Release the PTT switch to erase the DTMF code.
- 4) Push [MW] on the microphone to return to normal use.

## ■ Transmitting a DTMF code memory

Programmed DTMF code memory contents are automatically transmitted.

- 1) Push [MR] to select MEMORY READ mode.
  - The active indicator lights.
- 2) Push the desired DTMF code memory number from [1] to [D].
  - The memorized DTMF code is automatically transmitted.
  - The active indicator blinks according to the DTMF code length.



- 3) Push [MR] to cancel the function.
  - The active indicator goes out.

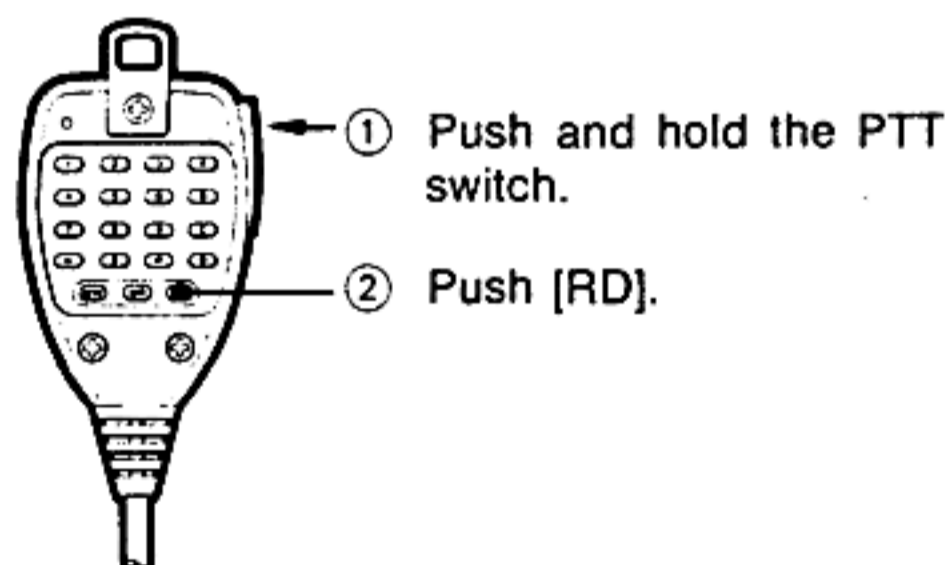
## ■ Re-dialing function

To allow you to transmit a previously transmitted DTMF code the re-dial memory channel automatically memorizes the last-transmitted DTMF code sequences.

### • Manual re-dialing

The last-transmitted DTMF code can be transmitted by manual key operation.

- 1) Push and hold the PTT switch.
- 2) Push [RD] to transmit the last-transmitted DTMF codes.
  - The active indicator blinks according to the DTMF code length.



### • Auto re-dialing

The last-transmitted DTMF code can be automatically transmitted at each push of the PTT switch.

- 1) Push [RD] to select RE-DIALING mode.
  - The active indicator blinks.
- 2) At each push of the PTT switch, the last-transmitted DTMF code is transmitted.
- 3) Push [RD] to cancel the function.
  - The active indicator goes out.

### • Writing a re-dialing memory

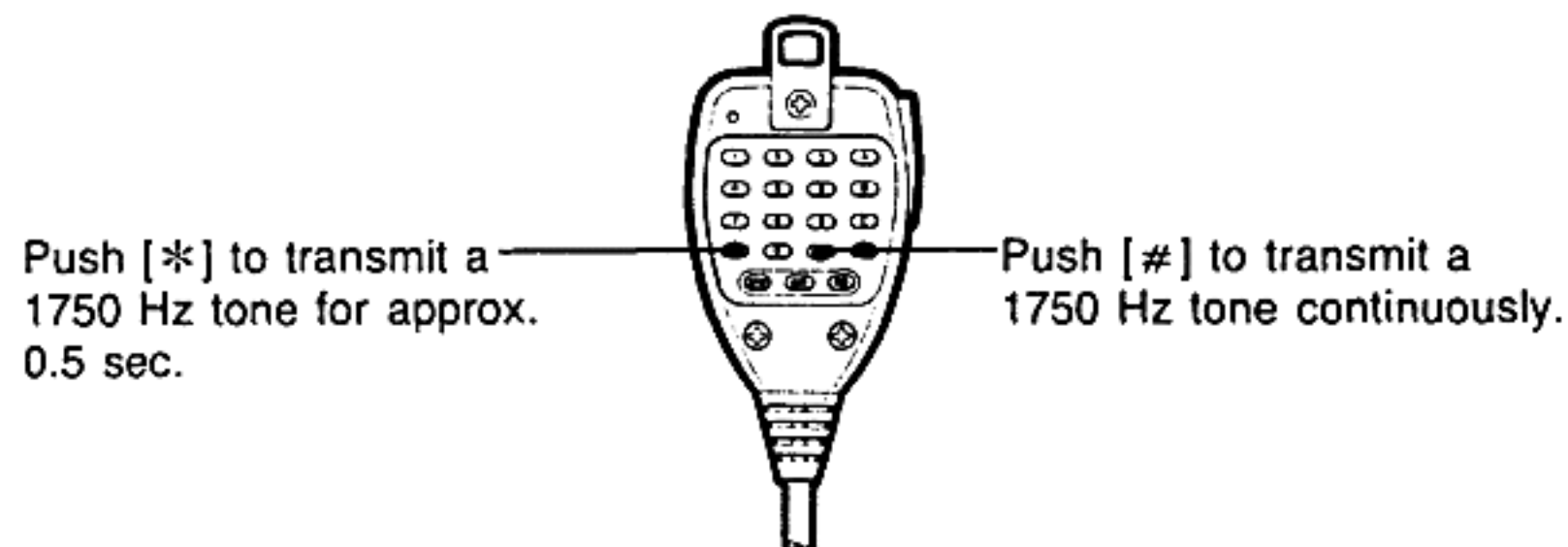
The last-transmitted DTMF codes are automatically written into a re-dialing memory. If desired, you can manually write DTMF codes into the re-dial memory channel.

Push [RD] instead of the DTMF code memory number key in "Writing a DTMF code memory" step 2. (p. 25)

## ■ 1750 Hz tone call

Using the HM-56, you can access a repeater that requires a 1750 Hz tone.

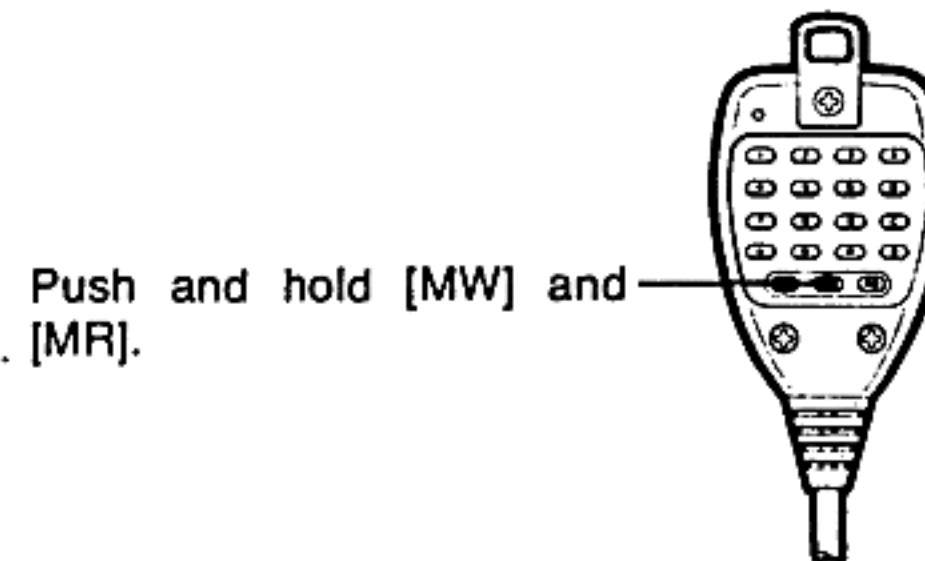
- 1) Push [MR] on the microphone.
  - The active indicator lights.
- 2) Transmit a 1750 Hz tone as follows:
  - Push and hold [#] to transmit a 1750 Hz tone continuously.
  - Push [\*] to transmit a 1750 Hz tone for approx. 0.5 sec.
- 3) Push [MR] again to cancel the function.
  - The active indicator goes out.



## ■ HM-56 CPU resetting

**NOTE:** When the following operation is performed, all programmed information in the HM-56 is erased.

- 1) Turn the transceiver power OFF.
- 2) Push and hold [MW] and [MR] on the microphone.



- 3) Turn power ON to reset the CPU in the microphone.