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.
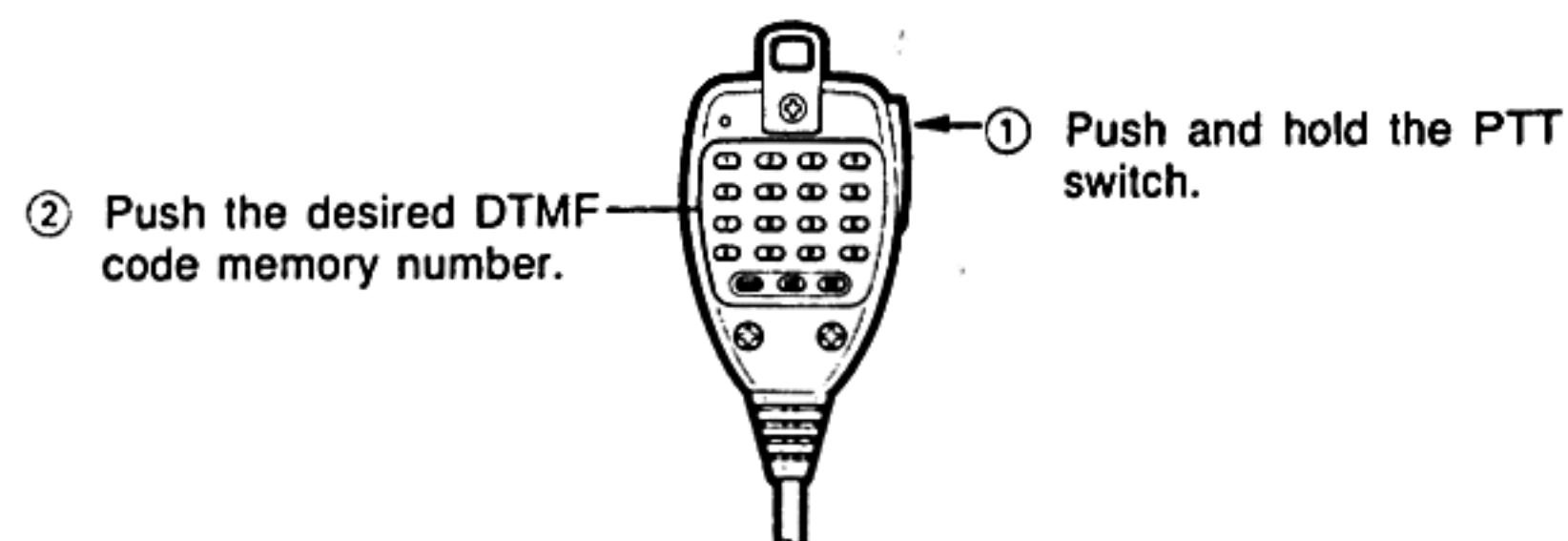
• RE-DIALING mode

Used when recalling the last-transmitted DTMF codes.
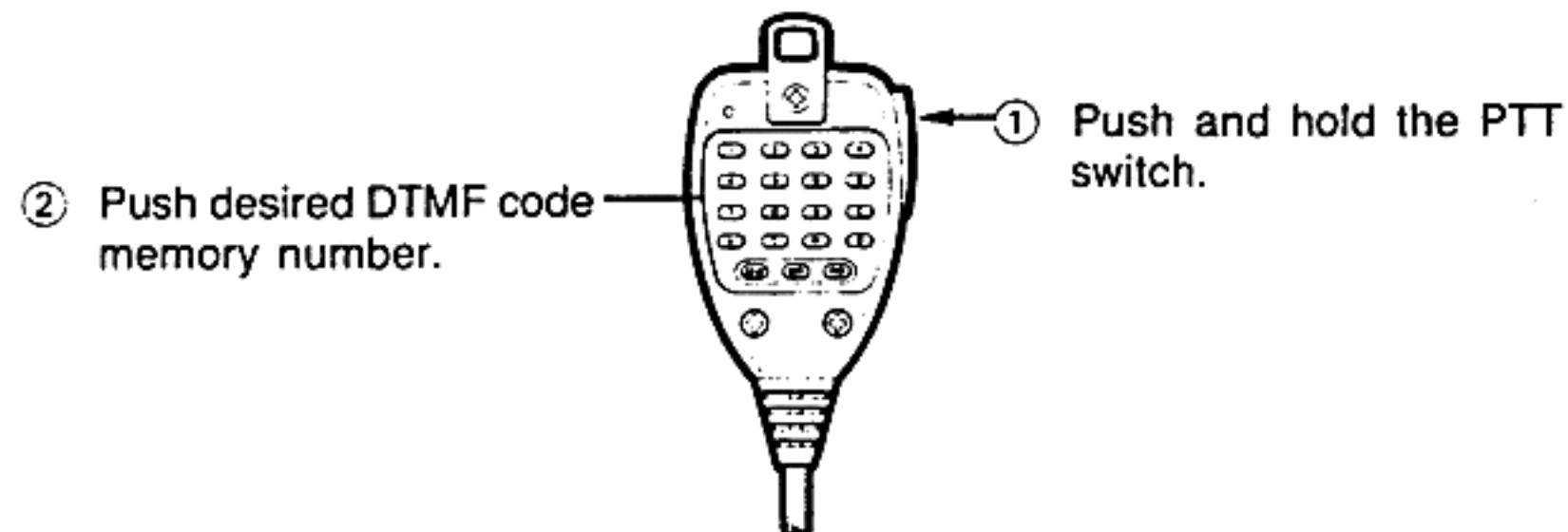• The active indicator blinks slowly.

■ 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.

① Push and hold the PTT switch.

② Push the desired DTMF code memory number.

■ DTMF code memory erasing

1) Push [MW] on the microphone to select MEMORY WRITING mode.
   • The active indicator blinks.

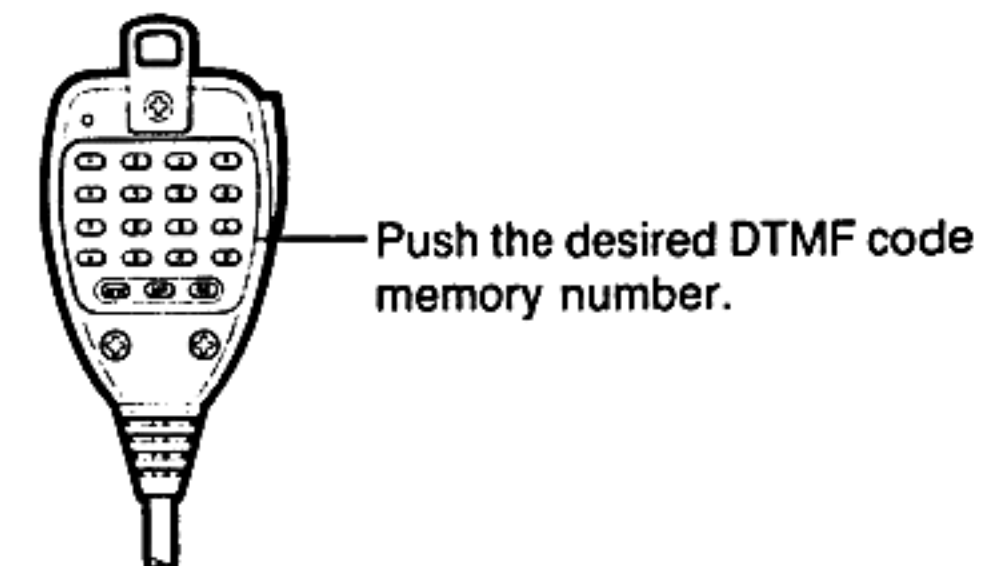2) While holding the PTT switch, push the desired DTMF code memory number [1] to [D] on the keyboard.

① Push and hold the PTT switch.

② Push desired DTMF code memory number.

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.

Push the desired DTMF code memory number.

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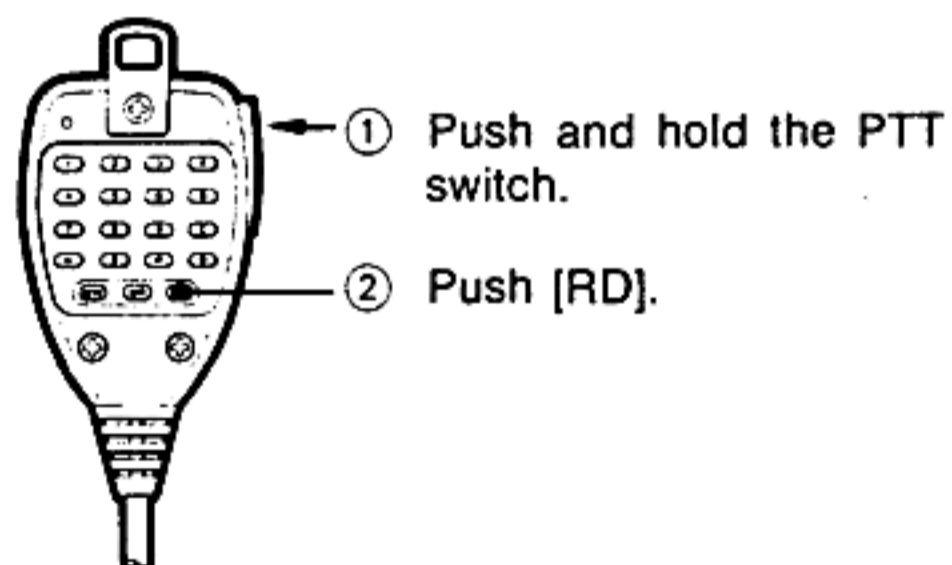   • The active indicator goes out.

■ 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.

① Push and hold the PTT switch.

② Push [RD].

• 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.
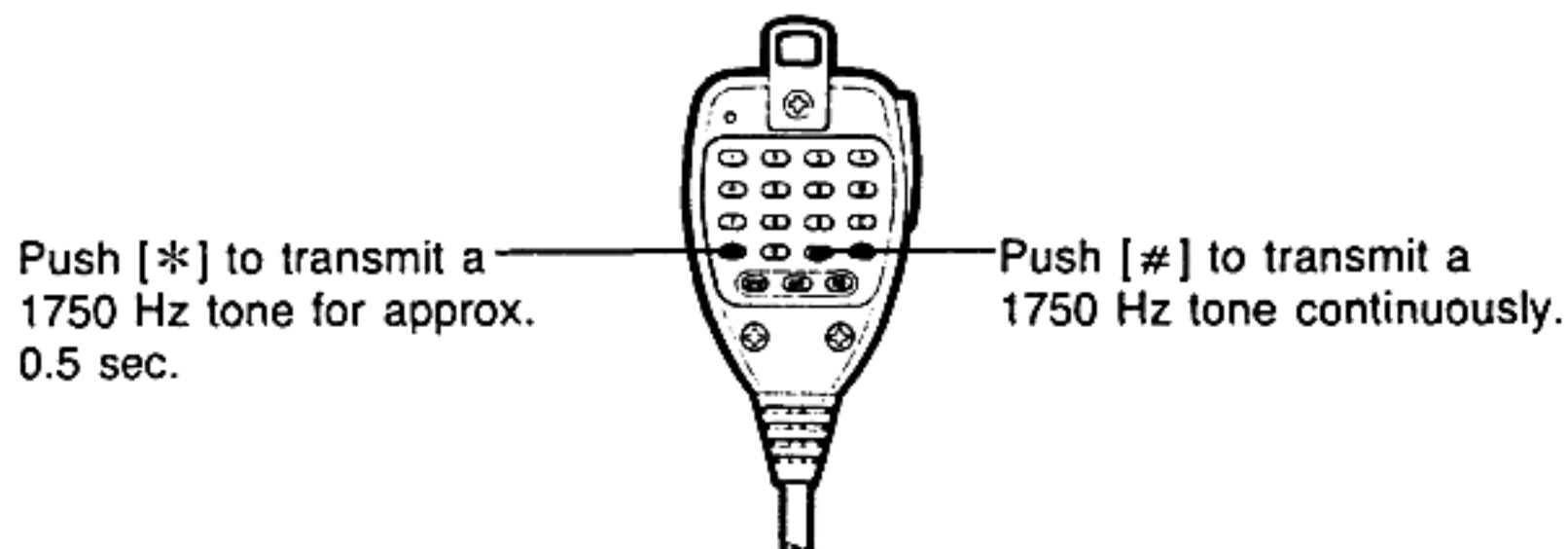
• Writing a re-dialing memory

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

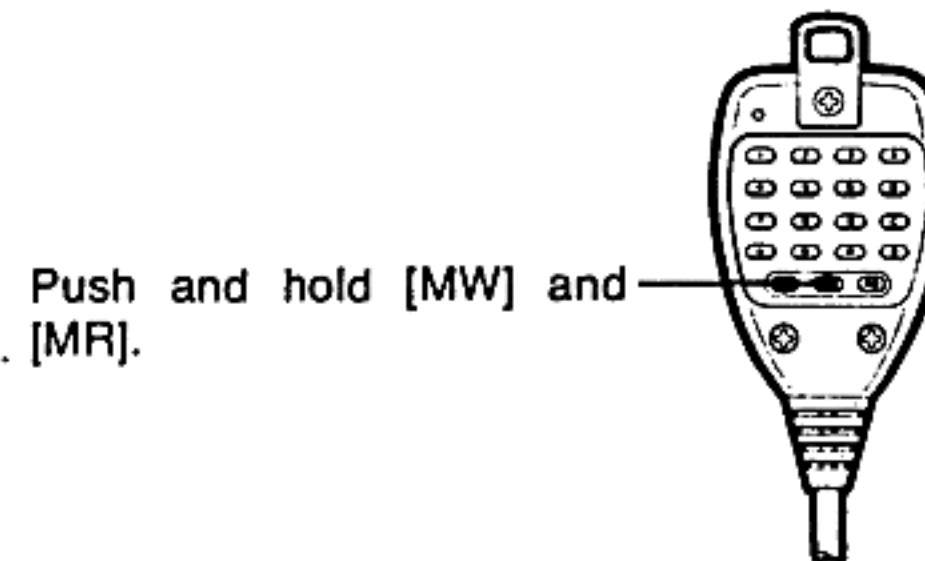Using the HM-56, you can access a repeater that requires a 1750 Hz tone.

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.

Push [✳] to transmit a 1750 Hz tone for approx. 0.5 sec.

Push [#] to transmit a 1750 Hz tone continuously.

■ 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.

Push and hold [MW] and [MR].

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