

## ■ Digital repeater operation

Repeater call signs must be programmed for repeater operation in both digital voice and low-speed data communications.

### ◇ Repeater call sign programming

1. Select B band as the main band. (p. 14)
2. Enter "R1" or "R2" in call sign set mode.
  - ◀MENU screen▶ ↕ ▶CALL SIGN▶ ↕ ▶R1▶/▶R2▶  
(Push [MENU/↔](8)) (Rotate [DIAL]†, then push [↵](5)†.)
    - RPT1 or RPT2 CALL SIGN screen is displayed.
    - Pushing and holding [CS](9) for 1 sec. is also available to enter call sign set mode.
3. Rotate [DIAL]† to select the desired call sign memory, "R01" to "R60."
4. Push [▶](6) to enter call sign programming mode.
  - The 1st digit blinks.
5. Rotate [DIAL]† to select the desired character or code.
  - Push [A/a](3) to change the character group from "AB" (alphabetical characters; capital letters), "12" (numbers) and "/" (symbols) in sequence.
  - Set "/" at the 1st digit then set the desired area repeater's call sign (in a different zone) for CQ call ("/" stands for "CQCQCQ") in a different zone operation. (p. 44)
6. Push [▶](6) to select 2nd digit, then rotate [DIAL]† to select the desired character or code.
  - Push [▶](6) to move the cursor right; push [◀](4) to move the cursor left.
  - 2nd digit blinks (1st digit stops blinking).

7. Repeat the steps 5 and 6 to enter the desired repeater call sign.
  - Up to an 8-digit of call sign can be set.
  - Push [7] when setting with the gateway connection if the selected repeater has gateway capability. (The gateway connection can be set in RPT1 only when "NOT USE\*" is set to RPT2.)
  - If an un-necessary character is entered, push [▶](6) or [◀](4) to select the character, then push [CLR](1) to erase the selected character, or push and hold [CLR](1) for 1 sec. to all characters following the cursor.

```

RPT1 CALL SIGN
R01
RPT1AA G
◀SET ▲SEL
◀BACK ▶EDIT
CLR:CLR
  
```

8. Push [↵](5) to store the programmed call sign and returns to RPT1 or RPT2 CALL SIGN screen.
9. Push [MENU/↔](8) to return to frequency indication.

```

[DIAL] ◦ ◦ [A/a](2)/[↔](8) † [↵](5) ◦ ◦ [▶](6)
  
```

7

## 7 DV MODE OPERATION

### ◇ Repeater operation in the same zone

- 1) Set the desired repeater's frequency, offset and shift direction in B band. (pgs. 18, 32)
  - Select DV mode in advance. (p. 21)
- 2) Set your own call sign. (p. 38)
  - See p. 34 for your own call sign programming.
- 3) Set the desired station call sign. (p. 39)
  - See p. 36 for station call sign programming.
- 4) Set the repeater's call sign as follows;
  - 1) Enter "R1" in call sign set mode.

⟨MENU screen⟩ ↵: ⟨CALL SIGN⟩ ↵: ⟨R1⟩  
(Push [MENU/↵] ) (Rotate [DIAL]†, then push [↵](5)†.)

    - Pushing and holding [CS](9) for 1 sec. is also available to enter call sign set mode.
  - 2) Rotate [DIAL]† to select the nearest repeater's call sign.
  - 3) Push [↵](5) to set the call sign for "R1."
    - Return to CALL SIGN screen.
  - 4) Rotate [DIAL]† to select "R2" then push [↵](5)†.
    - RPT2 CALL SIGN screen is displayed.
  - 5) Rotate [DIAL]† to select the desired repeater's (in the same zone) call sign.
    - Select "NOT USE\*" when not operating RPT2.
  - 6) Push [↵](5) to set the call sign for "R2."
    - Return to CALL SIGN screen.

```
CALL SIGN
*UR: CQCQCQ
R1: RPT1AA
R2: NOT USE*
MY: MYCALL
/IC82
```

- 7) Push [MENU/↵] to return to frequency indication.
- 5) Push [PTT] to transmit; release to receive.

```
[DIAL] · · [↵](2)/[↵](8) †[↵](5) · · [↵](6)
```