Inputting/changing the call sign

When transcribing the call sign for the first time after purchase, or after resetting the transceiver, a screen requesting input of your call sign appears.

Rotate the DIAL to select a character, then press . The character is entered, then the cursor moves to the right by one. After inputting the call sign, press .

Supplement  To switch the character type, press ([A/a]).

Changing the call sign

The call sign can be changed from the Setup menu.

Press and hold for over one second, then rotate the DIAL to select [14 CALLSIGN] and then press .

Assigning a name to the memory channel

Press to access the name input screen, then press twice. The memory name is registered and the tag is displayed on the screen.

Selecting communication mode

For normal use, operate the transceiver in AMS mode ( ). The operating mode automatically switches to VWO or VWD to the received signal strength.

Press to manually change the communication mode: “AMS”→“DN (V/D mode)”→“VW (FR mode)”→“FM (analog)”→“WIDE”.

DN Calls are less prone to interruptions due to detection and correction of voice signals during digital voice signal transmission.

VW: Digital voice data transmission using the entire 12.5 kHz band. Enables high-quality voice communication.

FM: Analog communication mode using FM mode.

Changing the transmit power level

Press to select the desired transmit power level. Pressing each time switches the level as follows: “HIGH”→“LOW”→“MID”.

Selecting the memory channels

Frequently used frequencies can be registered to the memory channels. You can also assign a name to each memory channel and press . The frequency and memory channel number are displayed on the screen.

Press and hold for over one second, then press . Rotate the DIAL to select the desired memory channel and press .

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Communicating

Using this transceiver enables digital communications with Yaesu C4FM digital amateur transceivers and also communication with FM analog transceivers. When using AMS (AMS), the operating mode recognizes C4FM digital or analog FM signals, and automatically switches to match the received signal. When operating in DN or VW digital modes, be especially aware of the analog stations using the frequency, and do not transmit when there is a risk of interference.

* Select the mode in accordance with circumstances.

Transmitting

While pressing [PTT] on the microphone, speak into the microphone keeping it approximately 5 cm from your mouth.

In analog mode, the upper and lower portions of the indicator light red. In digital audio mode, the upper portion lights red and lower portion lights blue.

Receiving

Release [PTT] on the microphone to return to receive mode. Upon receiving a C4FM digital signal, the station name or call sign of the received station appears.

* You can change the time duration the received station information is displayed. Press and hold [2 TX/RX]→[6 DIGITAL POPUP TIME].

Using the GM function

In GM mode, the group members that are within communication range and group members that are outside of your communication range are displayed separately. The direction and distance to the available group members from your station are displayed in real-time. Group members can also exchange messages and images.

* A microSD memory card is required for data management. Refer to "Using a microSD memory card" in the Operating Manual to insert the microSD memory card into the transceiver.

* During the GM operation, press [ESC] to quit the GM operation and return to the VFO or memory mode operation screen.

Displaying GM stations operating within range

On the operating band, tune in to the frequency, then in AMS mode (AMS) or digital mode (DN/VW), press [G]. Displays stations operating GM on the same frequency, which are within communication range.

Displaying the location information

You can display the current location information of your station. In digital mode, you can also display the location information of the received stations.

On the normal screen, the current location information of the received station on the left side of the frequency display. The screen displays the compass indicating the direction you are heading, and your station movement speed.

On the operating band, tune in to the frequency, then in AMS mode (AMS) or digital mode (DN/VW), press [G]. Displays stations operating GM on the same frequency, which are within communication range.

Selected station Within communication range

Direction and distance to the selected station

Within communication range

Outside communication range

Message preview

There is a new message

Checking transmit and receive messages and images

From the message list or image list on the [LOG SELECT] screen, you can view the data. You can also create and send a new message, reply to the received data or forward the received data to the group members.

NEW Creating and sending a new message

Message received (unread)

Message received (read)

Message sent

Message failed to send

Image received (unread)

Image received (read)

Image sent

Image failed to send

* For details on how to create new messages, edit the groups/group members, synchronize the operating group member information with other stations (SYNC function), and import/export the group information using a microSD memory card, refer to the GM Function Instruction Manual (download from Yaesu website).