

INFORMATION

Version 1.10

New features and modifications are added to the IC-R30. Note the following changes for the instruction manual.

■ Remotely controlled by an iOS or Android device

IC-R30 can be remotely controlled by a Remote Control application. Refer to Section 8 “Bluetooth®” in the ADVANCED MANUAL for application download and connection details.

■ Receive Priority setting item is added

The “RX Priority Setting (LE Device)” item is added in the Bluetooth Set menu.

The D-STAR Fast Data and Headset audio cannot be used simultaneously through the Bluetooth LE (Low Energy) communication. Select the communication that you want to preferentially use from D-STAR Fast Data or Headset audio.

RX Priority Setting (LE Device) (Default: RX Audio)

[MENU] > Bluetooth Set > Headset Set > **RX Priority Setting (LE Device)**

■ Removed limitation in the P-Scan Edge setting

The Programmable scan retains the Tuning Step, receive mode and RF gain settings, even if you set the Programmable Scan Edge lower and upper frequencies on different bands.

P-Scan Edge

[MENU] > Scan > **P-Scan Edge**

■ New features of Temporary Skip function

- Up to 20 Temporary Skip memories can be saved on both in the VFO mode and Memory channel mode.
- While a VFO scan is stopped, hold down [SKIP] for 1 second, then select “Temp Skip Set” to set the frequency or Memory channel as a Skip Frequency or Channel.
- While a VFO scan is stopped, hold down [SKIP] for 1 second, then select “Adds to SKIP MR Group” to save the frequency in the “S:SKIP CH” in the Manage Memory menu.
- The “Temp Skip” item in the QUICK menu is changed to “Temp Skip Set,” and a new “Temp Skip Cancel” item is added.
- A new “Temporary Skip” option is added to the Custom Key item in the Bluetooth Set menu. Holding down this key for 1 second cancels the Temporary Skip setting.
(MENU > Bluetooth Set > Headset Set > Icom Headset > Custom Key)
- New “While Scanning” and “While Powered ON” options are added to the “Temporary Skip Timer” item in the Scan menu.

Temporary Skip Timer (Default: 5min)

[MENU] > Scan > **Temporary Skip Timer**

When the unwanted frequencies or Memory channels are set to “Temporary Skip,” they are skipped for this set period of time and conditions.

- ① Individually settable for A band and B band.
- Options: 5, 10 or 15 minutes, While Scanning (until the Scan is stopped) or While Powered ON (until the receiver power is turned OFF).

■ Duplex scan is added

The Duplex scan searches for both the receive frequency and also the offset frequency, depending on the amount of frequency offset and direction.

- ① “DUP-” or “DUP+” is displayed in the Duplex mode.
- ① A duplex scan will not start when the frequency offset is set to “0.000 MHz.”
- ① Refer to Section 7 in the ADVANCED MANUAL for the Duplex mode settings.
- ① The Duplex scan resumes 200 milliseconds after the signal disappears.

■ DUP Frequency Check function is added

- During a Memory scan, not only the set frequency, but also the offset frequency is scanned if Duplex is set to the channel.

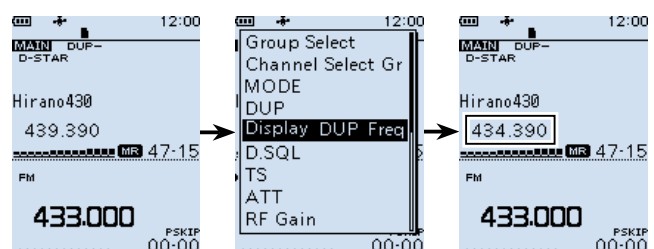
① Example: By saving only a repeater’s transmit frequency, the repeater’s receive frequency is also scanned.

① This function can be turned ON in the “DUP Check During MR Scan” item in the Scan menu.

DUP Check During MR Scan (Default: OFF)

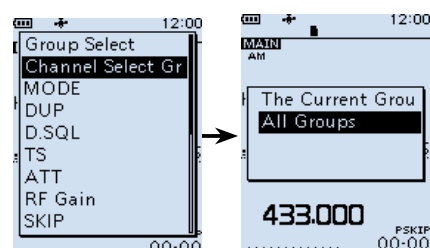
[MENU] > Scan > **DUP Check During MR Scan**

- During a Memory scan, when the scan stops on a frequency that Duplex is set, you can check the offset frequency from the [QUICK] menu. Push [QUICK], then select “Display DUP Frequency” to check.
Each time you select “Display DUP Frequency” in the [QUICK] menu, the receive frequency and offset frequency are switched.



■ Channel selection beyond the group

When you rotate [DIAL] to select a Memory channel, you can sequentially select a channel in a different group. Push [QUICK], and select “Channel Select Group Range,” then select “All Groups.”



■ Near station skip setting

A Memory channel that is set as a SKIP or PSKIP channel is excluded from the near station list, and the near station scan.

Near Station (MENU > Near Station)

Near Station Scan (During a Memory scan)

■ A new option for the Backlight function

A new option "ALL" is added to the Backlight function. Not only while receiving a digital signal, you can also select to light the Backlight when receiving a signal and the audio is output.

RX Backlight (Default: Digital Mode)

[MENU] > Display > **RX Backlight**

Select the Backlight function option.

- OFF: The function is OFF.
- Digital Mode: The backlight automatically lights while displaying the calling station's call sign or ID, or a received message on the display.
- ALL: The backlight automatically lights when receiving a signal, or while displaying the calling station's call sign or ID, or a received message on the display.

■ Audio file split operation has been changed

Before the update, when "Squelch Auto" is selected in the "RX REC Condition" item, a recorded audio file is newly created every time the squelch opens.

After the update, the recorded audio file is newly created also in the following condition or operation.

- When you change the operating mode (VFO or Memory mode).
- When you change the receive frequency greater than 5 kHz (other than WFM mode) or 200 kHz (WFM mode), or when you input the frequency from the keypad.
- When you change the Memory channel.
- When you change the receive mode other than between FM and FM-N, AM and AM-N or CW and CW-R.
- When you start a scan other than DUP scan or TONE scan.
- When or after a signal is received on a Priority channel during a Priority scan, when the receive frequency returns to the VFO frequency.
- After a signal is received during a VFO scan, when the receive frequency is changed greater than 5 kHz (other than WFM mode) or 200 kHz (WFM mode) then a signal is received.
- After a signal is received during a Memory scan, when the channel is changed then a signal is received.
- When a talk end code in the digital signal is received.

■ Internal speaker and Bluetooth headset volume setting

Bluetooth headset audio level and the internal speaker level can be separately set.

■ Bluetooth headset automatic disconnect

A new "Auto Disconnect" item is added in the Bluetooth menu.

Auto Disconnect (Default: OFF)

[MENU] > Bluetooth Set > Headset Set > **Auto Disconnect**

If there is no audio signal to the Bluetooth headset, or no operation is performed for a set period of time, the receiver automatically disconnects the SCO (Synchronous Connection-Oriented) link.

- When a signal is received or an operation is performed while the SCO link is disconnected, the receiver will automatically reconnect the SCO link again.

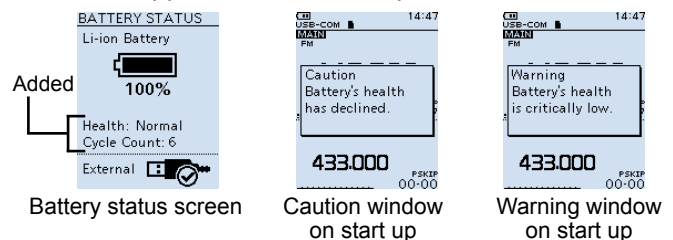
■ Battery status indication is added

- The "Battery Level" item is changed to "Battery Status."
(MENU > Others > Information > Battery Status)
- The Battery Health and Cycle count of battery pack (Li-ion battery pack) indications are added.

Battery Health: The battery status in 3 steps ("Normal," "Caution," "Warning").
When "Warning" is displayed, the battery pack is deteriorated. Replace the battery pack with a new one immediately.

Cycle count: Charging and discharging cycle.

- If the battery pack is totally deteriorated, a warning window appears on the start up screen.



■ Save form item for setting data

A save file format selecting item is added.

Save Form (Default: Now Ver)

[MENU] > SD Card > **Save Form**

Selects the format to save the settings to an SD card.

- Now Ver: Saves the settings in the current version format.
- Old Ver (1.00 - 1.06): Saves the settings in the older version (1.00–1.06) format.

NOTE

- If you select "Old Ver (1.00 - 1.06)," a function that is added when the receiver's firmware format is updated will not be saved.
- You cannot load a setting file that is saved in the current version format to an earlier firmware version.

■ CI-V command

Refer to Section 7 in the ADVANCED MANUAL for the added CI-V commands.

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