

INITIAL SETTINGS (STARTING OVER)

■ Initial settings

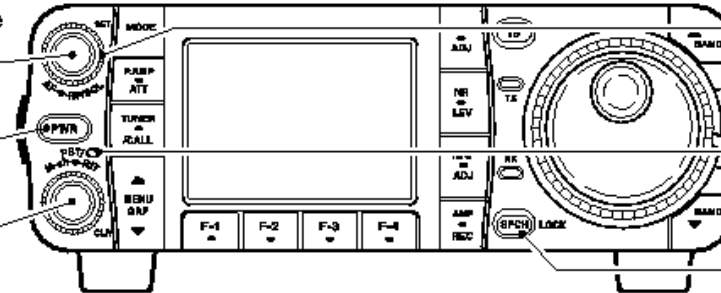
After resetting the transceiver, set controls and switches as shown in the diagram below.

CCW : counterclockwise

[AF]: Max. CCW

[POWER]: OFF

[PBT]: Center
(Push and hold for 1 sec.)



[RF/SQL]: Center

[PBT/M-ch/RIT]: PBT
(indicator lights)

[LOCK]: OFF

Turn power ON, then check the display. If any of the following indicators appear, turn them OFF as follows:

- Tuning step indicators, ▼, (SSB, CW or RTTY):
Push [TS].
- MHz tuning step indicator, ▼, (FM, WFM or AM):
Push [TS]
- 1 Hz frequency readout (SSB, CW or RTTY):
Push and hold [TS].
- Preamp indicator, **P.AMP** :
Push [P.AMP/ATT]
- Attenuator indicator, **ATT** :
Push [P.AMP/ATT]
- Noise blanker indicator, **NB** :
Push [NB/ADJ]
- Noise reduction indicator, **NR** :
Push [NR/LEV]
- Manual notch indicator, **MIN** :
Push [MNF/ADJ]
- Auto notch indicator, **AN** :
Push [ANF/• REC]
- Memory mode indicator, MEMO:
Use [F-4 U/M] in the M-2 menu (p. 27).
- Split indicator, **SPL** :
Use [F-1 SPL] in the M-1 menu (p. 89).



FOR BASIC MODE, TURN OFF SPECIAL FEATURES.

PROGRESS

- Radio setup – front panel display/controls, rear panel connections
- VFO behavior and selection
- Selecting the operating frequency band and modulation mode
- Frequency setting
- Audio volume, squelch, & receiver gain adjustment
- Multifunction meter
- Simple transmitter settings – RF Output power, microphone gain.
- SSB operation
- CW operation
- FM operation



VFO FEATURES

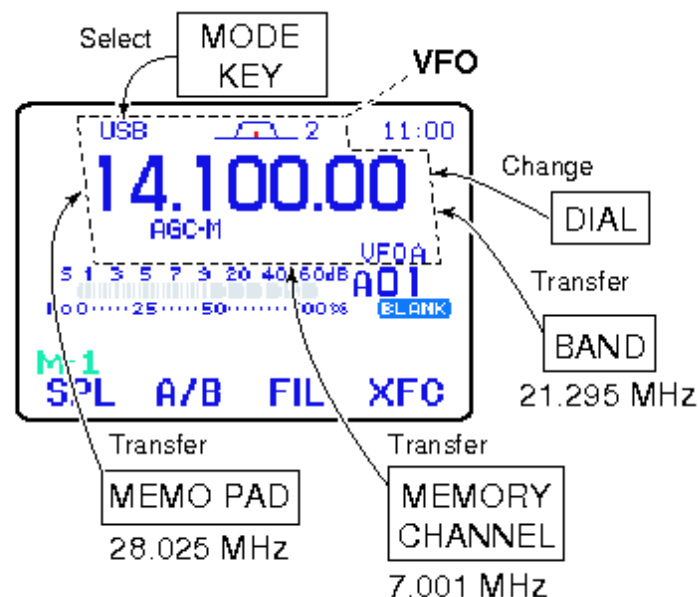
■ VFO description

VFO is an abbreviation of Variable Frequency Oscillator, and traditionally refers to an oscillator.

The IC-7000 VFO is somewhat different. The VFO display of the IC-7000 acts like a computer's window and can show one frequency and one operating mode.

You can call up a desired frequency to the VFO with the memo pad-read key (p. 110) or the memory transfer function (p. 107). You can also change the frequency with **[DIAL]** and select an operating mode with **[MODE]** key or call up previously accessed frequency and modes with the band stacking register (p. 28).

The IC-7000 has two VFOs, specially suited for split frequency operation. The VFOs are called VFO A and VFO B. You can use the desired VFO to call up a frequency and operating mode for operation.



NOT JUST YOUR ORDINARY VFO.

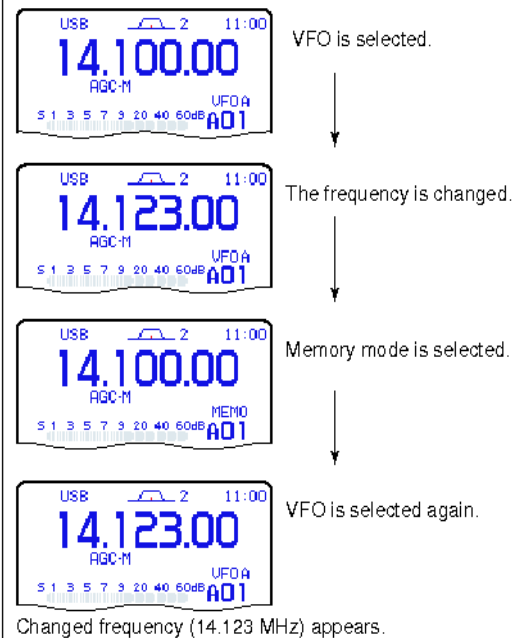
◇ Differences between VFO and memory mode

VFO MODE

Each VFO shows a frequency and operating mode. If the frequency or operating mode is changed, the VFO automatically memorizes the new frequency or operating mode.

When VFO settings are changed with frequency and mode from another VFO or memory mode, the last-used frequency and operating mode for that VFO appear.

[EXAMPLE]

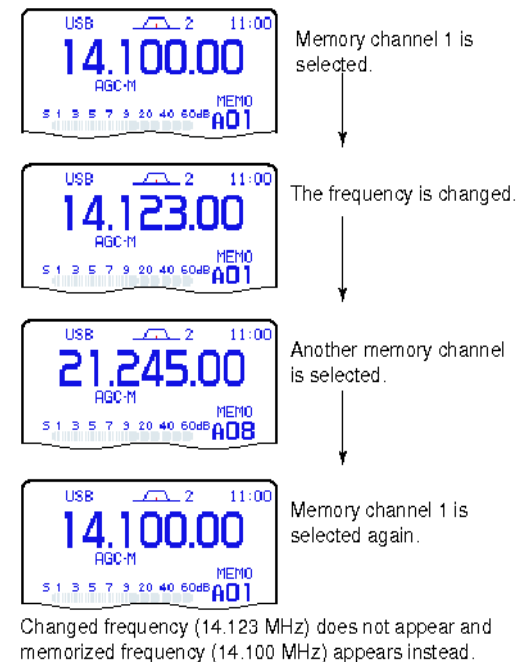


MEMORY MODE (pgs. 100–108)

Each memory channel shows a frequency and operating mode like a VFO. Even if the frequency or mode is changed, the memory channel does not memorize the new frequency or operating mode.

When a memory channel is changed with frequency and mode from another memory channel or VFO mode, the memorized frequency and operating mode appear.

[EXAMPLE]



BEHAVIOR TO EXPECT WHEN SWITCHING BETWEEN VFO AND MEMORY MODES.

VFO OPERATION

■ VFO operation

◇ Selecting VFO A/VFO B

① Select **M-1**.

Menu group selection

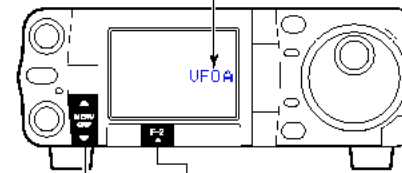
Push [MENU/GRP] for 1 sec.
Selection from: **M**, **S** or **G**(Graphic)

Menu selection (Example: M)

Push [MENU/GRP] momentarily.
Selection from: **M-1**, **M-2** or **M-3**



Either "VFOA" or "VFOB" appears.



[MENU/GRP] [F-2]

② Push [F-2 **A/B**] to toggle VFO A or VFO B.

◇ VFO equalization

① Select **M-1**.

② Push and hold [F-2 **A/B**] for 1 sec. to set the undisplayed VFO frequency and mode to those of the displayed VFO.

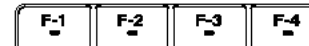
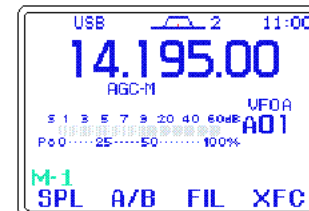
- Three beeps sound when the VFO equalization is completed.

CONVENIENT

Use two VFOs as a quick memory

When you find a new station, but you wish to continue searching, the Two-VFO system can be used for quick memory storage.

- ① Push [F-2 **A/B**] for 1 sec. to store the displayed frequency into the undisplayed VFO.
- ② Continue searching for stations.
- ③ Push [F-2 **A/B**] to retrieve the stored frequency.
- ④ To continue searching for a station, push [F-2 **A/B**] again.



Push [F-2] for 1 sec.,
then push [F-2] again.



• VFO "A" AND "B".
• EQUALIZING "A" AND "B" – SIMPLE SCRATCH MEMORY.

PROGRESS

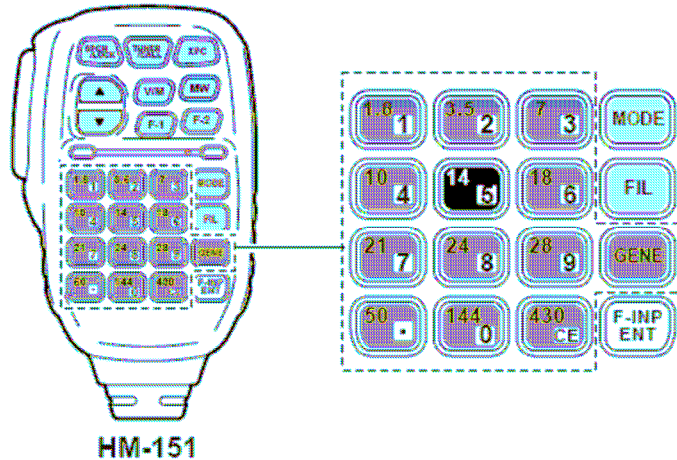
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BAND SELECTION

◇ Using the band stacking registers

[Example]: 14 MHz band

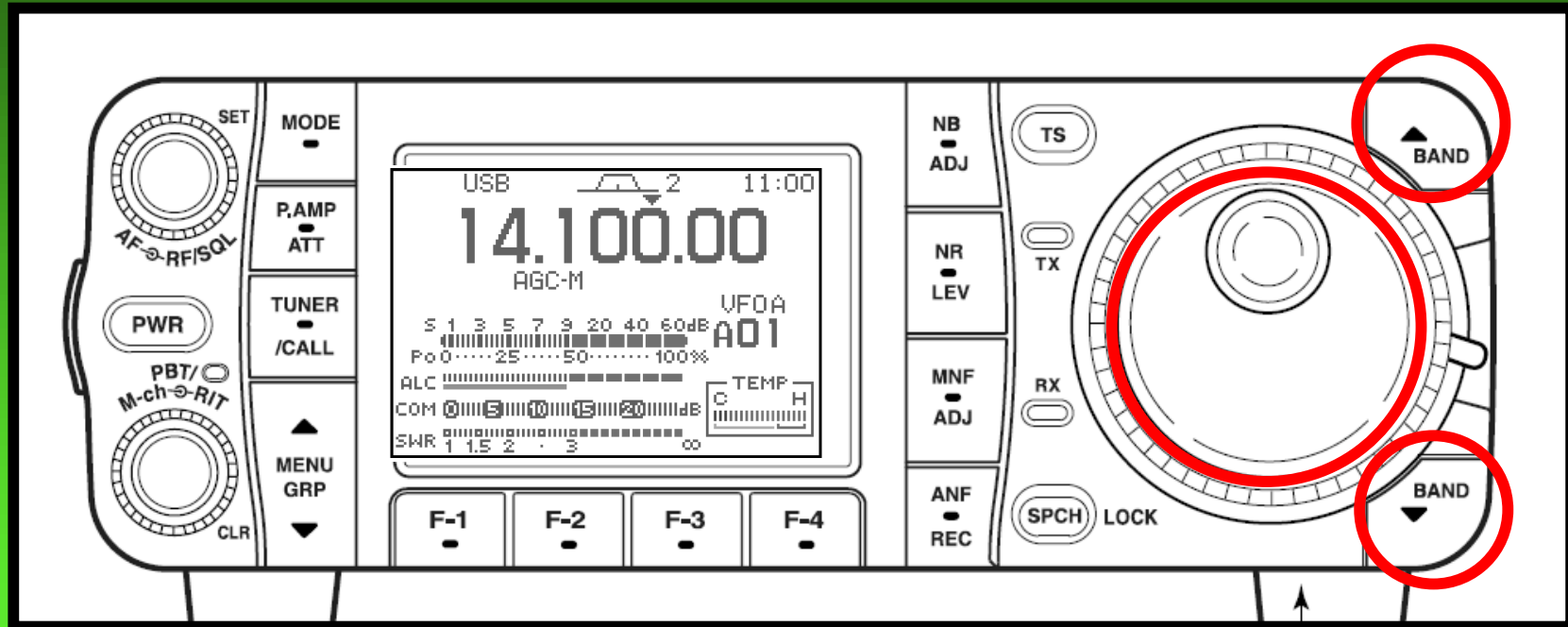


- ① Push [(14)5], then select a frequency and an operating mode.
 - Frequency and operating mode are memorized in the first band stacking register.
- ② Push [(14)5] again, then select another frequency and operating mode.
 - This frequency and operating mode are memorized in the second band stacking register.
- ③ Push [(14)5] again, then select another frequency and operating mode.
 - This frequency and operating mode are memorized in the third band stacking register.
 - When a fourth frequency and operating mode are selected on a band, the first register set in step ①, is overwritten.



BUTTONS ON MICROPHONE SELECT BAND.

BAND SELECTION & MAIN TUNING/LEVEL ADJUSTMENT DIAL



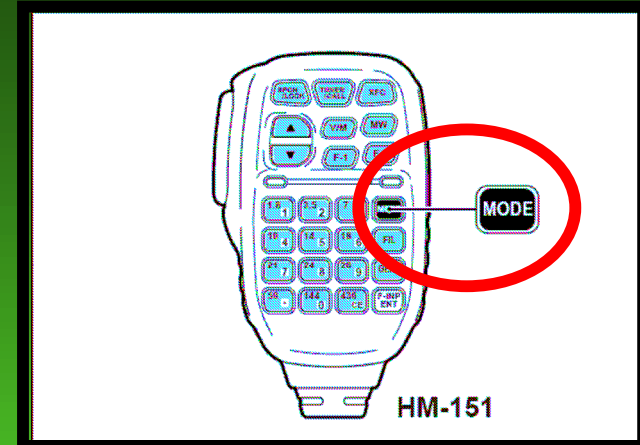
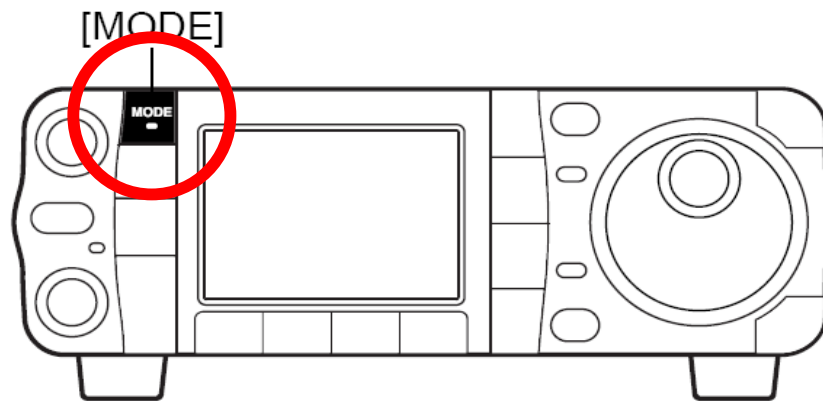
- FRONT PANEL KEYS ALSO SELECT BAND.
- “DO TOUCH THAT DIAL.”

MODULATION MODE SELECTION

The following modes are available in the IC-7000:
SSB (LSB/USB), CW, CW-R (CW reverse), RTTY,
RTTY-R (RTTY reverse), AM, FM and WFM (receive
only).

To select the desired mode of operation, push
[MODE] one or more times, then push **[MODE]**
for 1 sec., if necessary. See the diagram at right for the
order of selection.

- The selected mode is indicated in the function display.



•FRONT PANEL

•MICROPHONE BUTTON

MODE NAVIGATION

