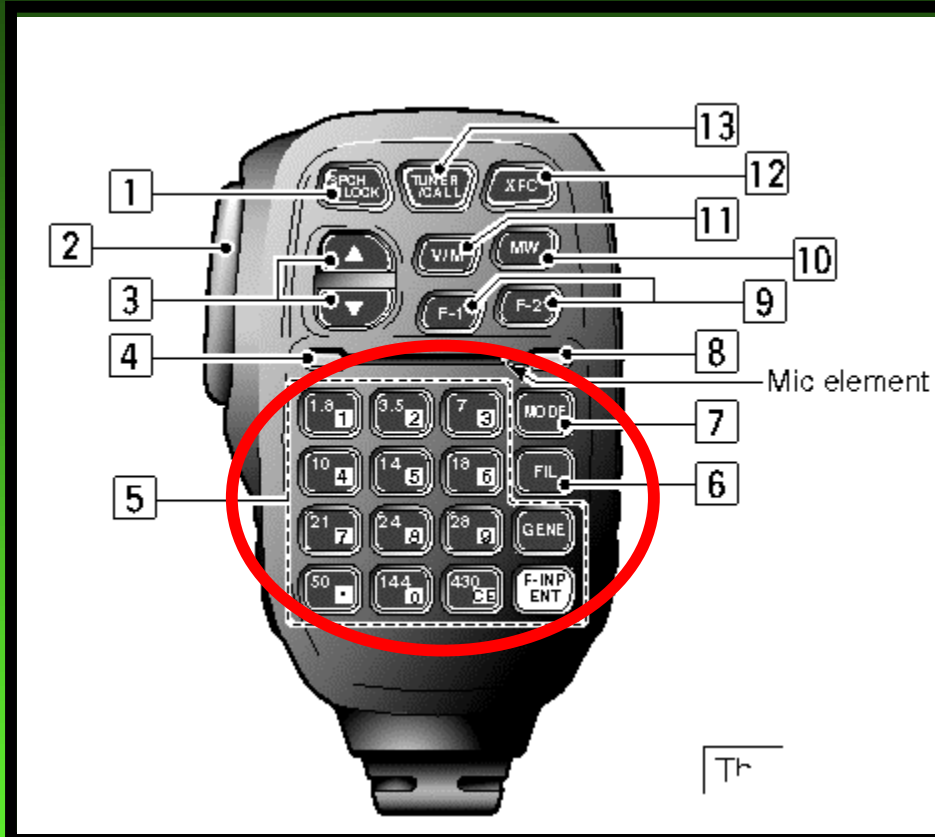


PROGRESS

- 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



FREQUENCY KEYPAD ENTRY



- ① Push **[F-INP/ENT]**.
 - “**F-INP**” appears.
- ② Input the desired frequency.
 - Push **[(50)•]** to input “• (decimal point)” between the MHz digits and kHz digits.
- ③ Push **[F-INP/ENT]** to set the input frequency.
 - To cancel the input, push **[CE]** instead of **[F-INP/ENT]**.

[EXAMPLES]

14.025 MHz



18.0725 MHz



706 kHz



5.100 MHz



7.000 MHz



21.280 → 21.245



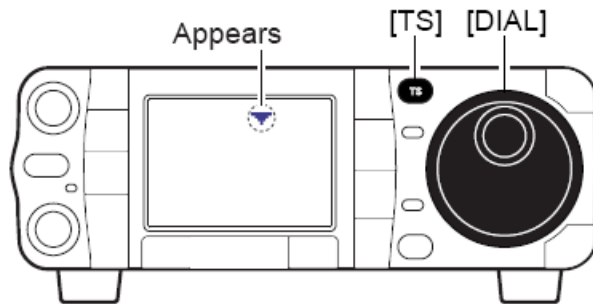
•MHz FORMAT

•OMIT UNNECESSARY DIGITS

TUNING STEP MODE

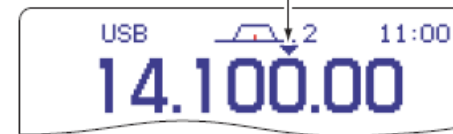
◆ Programmable tuning step

The operating frequency can be changed in steps of (0.01 (AM/FM/WFM only), 0.1, 1, 5, 9, 10, 12.5, 20, 25 or 100 kHz selectable) for quick tuning.



- ① Push **[TS]** momentarily to turn the programmable tuning function ON.
 - “▼” appears when the programmable tuning function is ON.

Programmable tuning step indicator



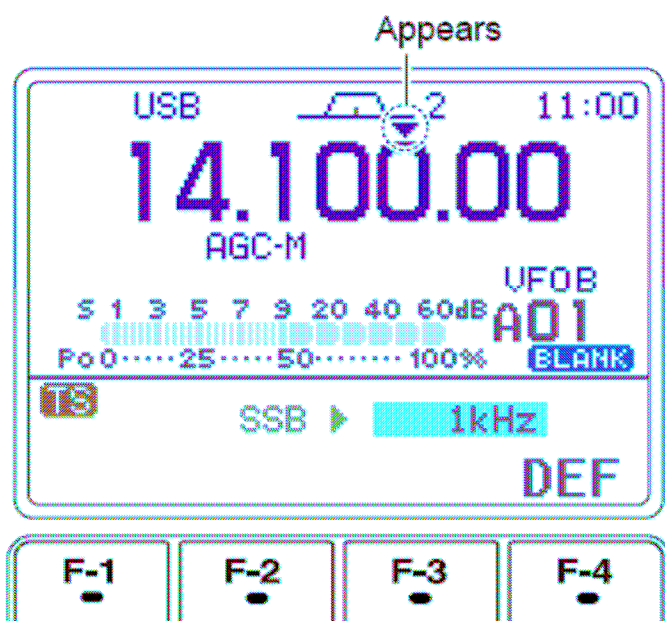
- ② Rotate **[DIAL]** to change the frequency in programmed kHz steps.
- ③ Push **[TS]** again to turn the programmable tuning function OFF.
 - “▼” disappears.
- ④ Rotate **[DIAL]** for normal tuning, if desired.



WATCH FOR THE TRIANGLE MARKER.

LARGER TUNING STEPS

- ① Push **[TS]** momentarily to turn the programmable tuning step ON.
 - “▼” appears when the programmable tuning function is ON.
- ② Push and hold **[TS]** for 1 sec. to enter the tuning step setting display.
 - The tuning step setting for the selected mode appears.



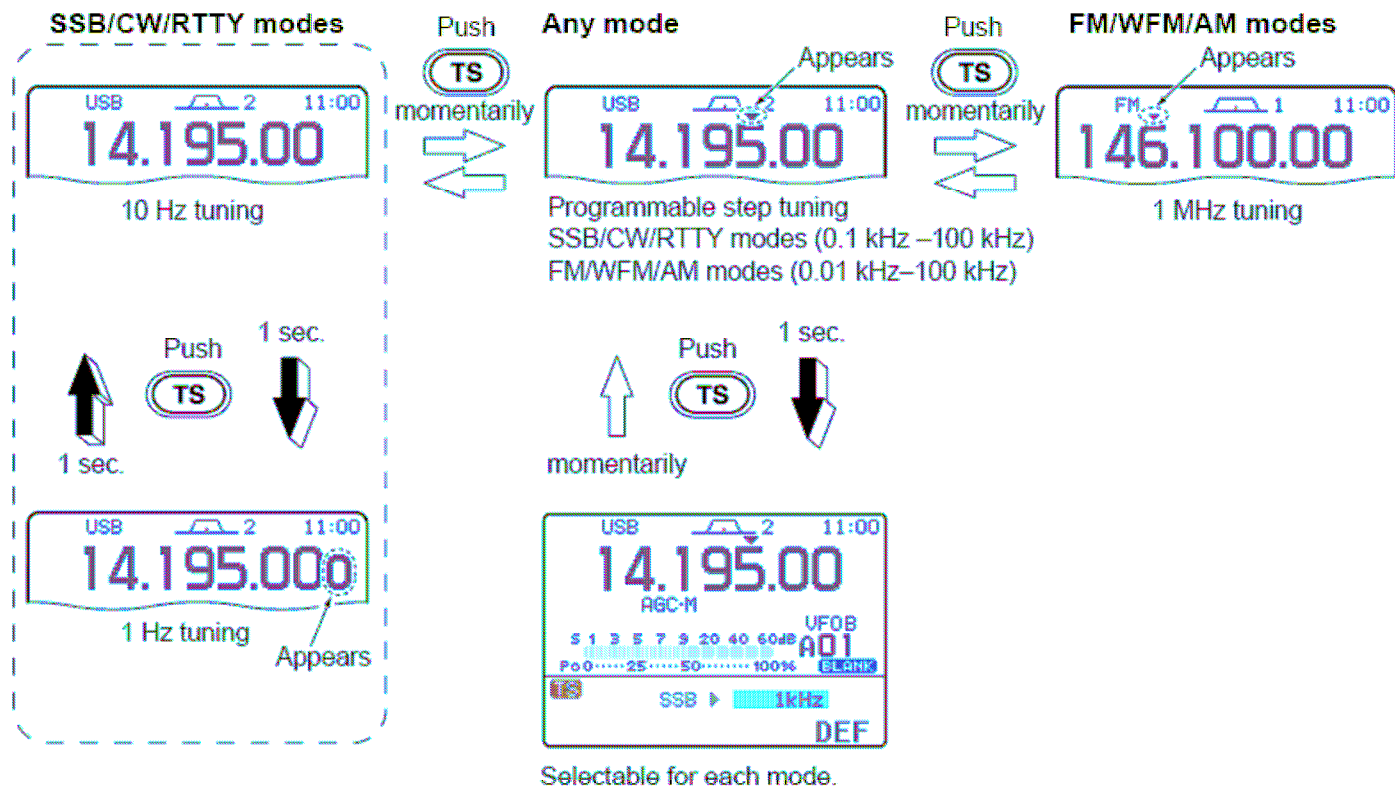
- ③ Select the desired operating mode with **[MODE]**. (see p. 34)
- ④ Rotate **[DIAL]** to select the desired tuning step from 0.01 (FM/WFM/AM only), 0.1, 1, 5, 9, 10, 12.5, 20, 25 or 100 kHz.
 - Push and hold **[F-4 DEF]** for 1 sec. to return to the default setting, if desired.
- ⑤ Repeat steps ③ and ④ to select the “kHz” tuning steps for other modes, if desired.
- ⑥ Push **[TS]** (or **[▼(MENU/GRP)]**) to exit the setting display.



DIFFERENT STEPS FOR DIFFERENT MODES.

TUNING STEP NAVIGATION

• [TS] switch flow chart



OVERALL USAGE OF THE “TS” BUTTON.

PROGRESS

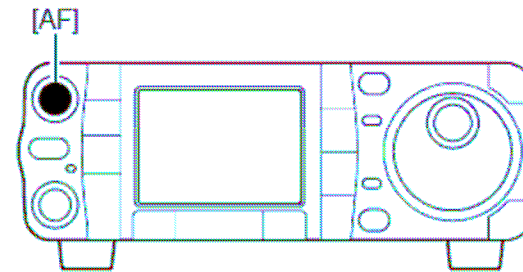
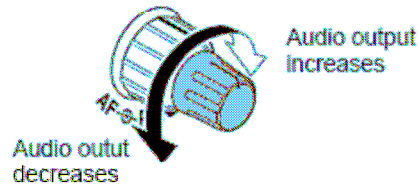
- Radio setup – front panel display/controls, rear panel connections
- VFO behavior and selection
- Selecting the operating frequency band and modulation mode
- Frequency setting
- Audio volume, squelch, & receiver gain adjustment
- Multifunction meter
- Simple transmitter settings – RF Output power,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



AUDIO FEATURES

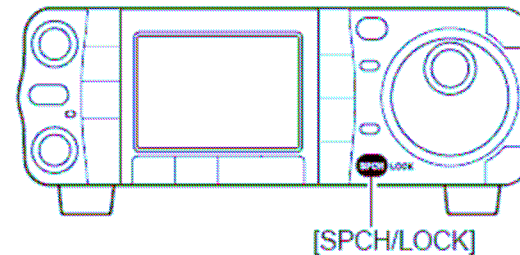
Rotate **[AF]** control clockwise to increase; counter-clockwise to decrease the audio output level.

- Set a suitable audio level.



The IC-7000 has a voice synthesizer function. This function announces the S-meter level, operating frequency and mode (S-meter level's announcement can be deactivated—p. 132) in a clear, electronically generated voice, in English (or Japanese).

- ① Select the desired parameters to be announced, such as Audio level, speed, language, contents, in the miscellaneous (others) set mode. (p. 131)
- ② Push **[SPCH/LOCK]** momentarily to announce the selected contents.
 - Push **[SPCH/LOCK]** momentarily to stop the announcement.

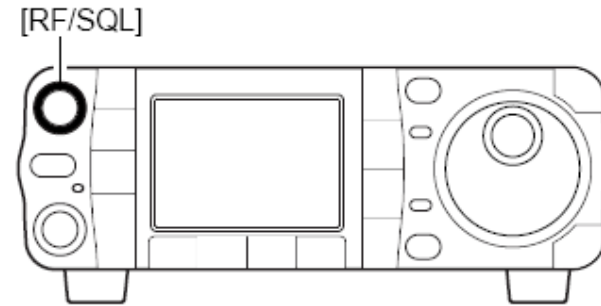


UPPER: VOLUME/AF GAIN CONTROL
LOWER: SYNTH. VOICE ANNOUNCEMENT

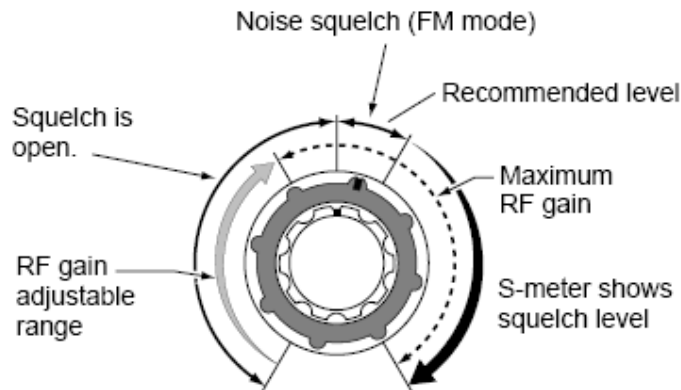
SQUELCH TYPES

[RF/SQL] adjusts the RF gain and squelch threshold level. The squelch removes noise output from the speaker (closed position) when no signal is received.

- The squelch is particularly effective for FM. It is also available for other modes.
- The 12 to 1 o'clock position is recommended for any setting of the **[RF/SQL]** control.
- The control can be set as 'Auto' (RF gain control in SSB, CW and RTTY; squelch control in AM, FM and WFM (RF gain is fixed at maximum) in the miscellaneous (others) set mode as follows (p. 129).



•When functioning as RF gain/squelch control



SETTING	OPERATION
RF+SQL (default)	Can be used in all modes. Functions as noise squelch or S-meter squelch in FM mode; S-meter squelch only in other modes.
SQL	Operates as a squelch control. •RF gain is fixed at maximum sensitivity.
AUTO	Operates as an RF gain control in SSB, CW and RTTY modes. •Squelch is fixed open. Operates as a squelch control in AM, FM and WFM modes. •RF gain is fixed at maximum sensitivity.



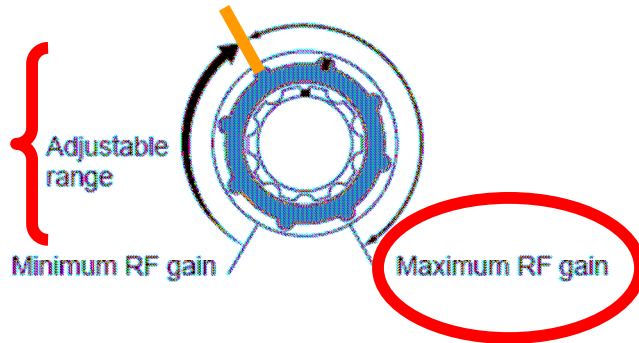
COMBINATION SQUELCH & RF GAIN ADJ. NOT JUST YOUR ORDINARY SQUELCH.

J. Haley WG9T

SQUELCH TYPES

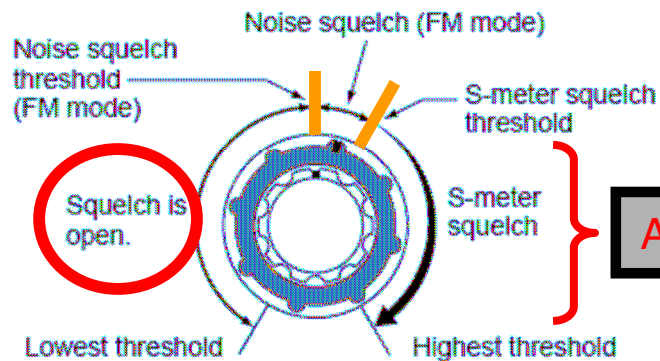
- When functioning as RF gain control
(Squelch is fixed open; SSB, CW, RTTY only)

Adjustment



RF GAIN CONTROL

- When functioning as squelch control (RF gain is fixed at maximum)



Adjustment

SQUELCH CONTROL



DETAIL OF THE TWO FUNCTIONS.

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

