

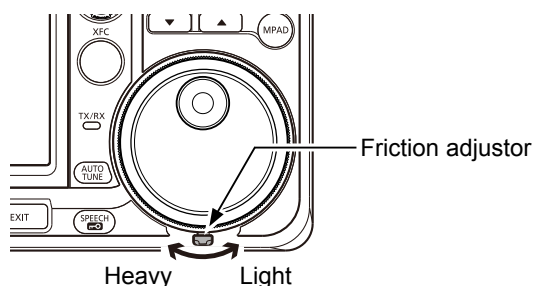
13 OTHER FUNCTIONS

Adjusting the main dial friction

You can adjust the friction of **(MAIN DIAL)** to suit your preference.

The friction adjuster is located under **(MAIN DIAL)**. See the illustration below.

Slide the adjuster for a comfortable friction level while continuously and evenly turning the dial in one direction.



Using the SPEECH function

The transceiver has a built-in Voice synthesizer to announce the operating frequency, mode, as well as the S-meter level in a clear electronically-generated voice, in either English or Japanese.

First, set the following items in the SPEECH screen.

MENU » **SET > Function > SPEECH**

- SPEECH Language
- SPEECH Speed
- S-Level SPEECH
- MODE SPEECH
- SPEECH Level

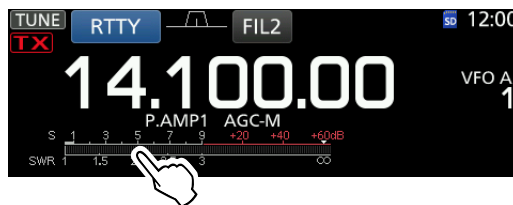
- Push **(SPEECH)** to announce the currently selected frequency, mode*, and S-meter* level.
*If set to ON, the Mode and S-meter level are announced.

Measuring SWR

The transceiver has a high-performance SWR meter. This meter displays a stable measurement in real time, even if the transmit output power varies frequently, such as during an SSB mode operation. You can measure the SWR of an antenna itself through the internal antenna tuner. There are 2 ways to measure SWR, one is *spot measurement* and the other is *plot measurement*.

◇ Spot measurement

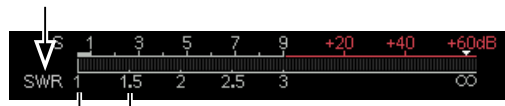
1. Push **(TUNER)** to turn OFF the antenna tuner.
① Perform this step if the antenna tuner is connected and you want to measure the SWR of the antenna itself.
2. Select the RTTY or RTTY-R mode.
3. Set the desired frequency band and a frequency in the portion of the band that you use the most.
4. If necessary, adjust the RF power to more than 30 W in the Multi-function menu.
 - 70 MHz: 20 W
(70 MHz band transmission may be possible, depending on the transceiver version.)
5. Touch the TX meter several times until the SWR meter is selected. (p. 3-11)



NOTE: Before transmitting, monitor the operating frequency to make sure you will not cause interference to other stations on the same frequency.

6. Push **(TRANSMIT)** or hold down [PTT] on the microphone to transmit.
7. Read the SWR on the meter.
① If the SWR meter indicates 1.5 or less, the antenna is matched.

SWR meter



The best match is within this range.
(1.5 or less)

8. Push **(TRANSMIT)** or release [PTT] to stop transmitting.
① If the measured SWR is more than 1.5:1, push **(TUNER)** to match the antenna with the transceiver.