Preamplifiers

The preamps amplify received signals in the receiver front end to improve the signal-to-noise ratio and sensitivity. A preamp is used when receiving weak signals.
ⓘEach band memorizes the Preamplifier setting.

Push P.AMP ATT (P.AMP).
ⓘEach push changes between "P.AMP1," "P.AMP2," and OFF (no icon).

Displayed when the preamp is ON.
(Example: P.AMP1)

P.AMP1	Wide dynamic range preamplifier. It is most effective for the HF low bands.
P.AMP2	High-gain preamplifier. It is most effective for the 50 MHz bands.

NOTE: When you use the preamp while receiving strong signals, the signal may be distorted. In such case, turn OFF the preamp.

Attenuator

The Attenuator prevents a desired signal from becoming distorted when a very strong signal is near the frequency, or when a very strong electric field, such as from a broadcasting station, is near your location.
ⓘEach band memorizes the Attenuator setting.

Hold down P.AMP ATT (ATT) for 1 second to turn ON the Attenuator.
ⓘPushing P.AMP ATT turns OFF the Attenuator (no icon).

Displayed when the Attenuator is ON

RIT function

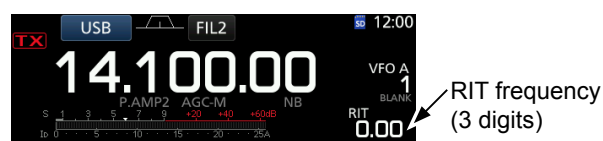The RIT (Receive Increment Tuning) function compensates for differences in frequencies of other stations.
The function shifts the receive frequency up to ±9.99 without shifting the transmit frequency.
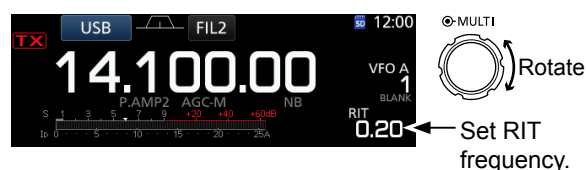
1. Push RIT.
    • The RIT function turns ON.
       ⓘWhen using the Fine Tuning function (p. 3-4), the RIT frequency is displayed in 4 digits, instead of 3.
    ⓘPushing RIT again turns OFF the RIT function.

RIT frequency (3 digits)

2. Set the RIT frequency to match the receiving station's frequency.

Rotate

Set RIT frequency.

ⓘYou can reset the RIT frequency to "0.00" by holding down CLEAR for 1 second.
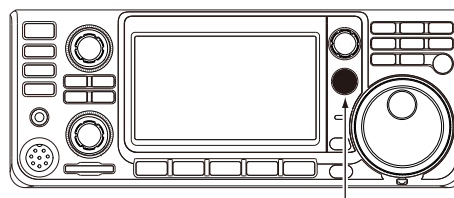ⓘYou can add the frequency shift to the operating frequency by holding down RIT for 1 second.
3. After communicating, push RIT to turn the RIT function OFF.

◇ RIT monitor function
When the RIT function is ON, you can directly monitor the operating frequency by holding down XFC.
ⓘWhile monitoring, the RIT function is temporarily OFF.
ⓘWhile monitoring, the settings for the Noise Reduction, Notch filter and Twin PBT are temporarily OFF.

While holding down XFC.