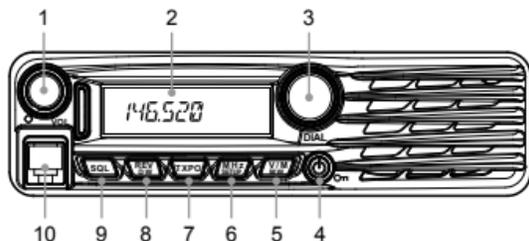


# FTM-3100R

## Quick Manual



- 1 VOL knob
- 2 LCD display
- 3 DIAL knob
- 4 Power/LOCK key
- 5 V/M MW key ( $\frac{V/M}{MW}$ )
- 6 MHz SETUP key ( $\frac{MHz}{SETUP}$ )
- 7 TXPO key ( $\frac{TXPO}{}$ )
- 8 REV DW key ( $\frac{REV}{DW}$ )
- 9 SQL key ( $\frac{SQL}{}$ )
- 10 External MIC jack

### Adjusting the volume

Rotate the volume clockwise/counterclockwise to adjust the volume level.

### Tuning in to the frequency

Press  $\frac{V/M}{MW}$  to switch to VFO mode, then rotate the DIAL. Press  $\frac{MHz}{SETUP}$  to make the first three digits of the frequency display blink, then rotate the DIAL to set the frequency by one MHz increments.

### Changing the transmit power level

Press  $\frac{TXPO}{}$ , then rotate DIAL to select the transmit power level.

"HIGH"  $\Rightarrow$  "LOW"  $\Rightarrow$  "MID"

Press  $\frac{TXPO}{}$  to set the transmit power level.

### Restoring defaults (All Reset)

All transceiver settings and memory content may be restored to the default settings.

Turn the power OFF.

While pressing  $\frac{TXPO}{}$ ,  $\frac{MHz}{SETUP}$ , and  $\frac{V/M}{MW}$ , turn the power ON.

When "ALL RESET PUSH V/M KEY" appears, release the keys.

Press  $\frac{V/M}{MW}$  to reset.

### Locking the keys and DIAL

Press Power/LOCK to lock the keys and knobs.

Press Power/LOCK again to unlock.

### Returning to the operating screen

Press and hold  $\frac{MHz}{SETUP}$  for over one second to return to the operating screen from the Setup menu.

- Supplements**
- Press  $\frac{MHz}{SETUP}$  to return to the previous screen.
  - Press and hold  $\frac{MHz}{SETUP}$  for over one second to return to the operating screen.

## Communicating

### Transmitting

While pressing **[PTT]** on the microphone, speak into the microphone keeping it approximately 5 cm from your mouth. The upper and lower portions of the indicator light are red.

### Receiving

Release **[PTT]** on the microphone to return to receive mode.

## Using the memory channels

Frequently used frequencies can be registered to the memory channels. You can also assign a name to each memory channel.

### Registering frequencies

Switch to VFO mode, then rotate the DIAL to tune in to the frequency you want to register to the memory channel. Press and hold **[V/M]** for over one second, then rotate the DIAL to select the desired memory channel and press **[V/M]**.

### Assigning a name to the memory channel

Press **[V/M]** to switch to memory mode. Rotate the DIAL to select the memory channel that is to be assigned a name. Press and hold **[MHz/STEP]** for over one second, then rotate the DIAL to select "MEM NAME 18".

Press **[MHz/STEP]**, then rotate the DIAL to input the name.

You can move the cursor to the right by pressing **[V/M]**.

Press and hold **[MHz/STEP]** for over one second to save the input name.

## Scanning

The FTM-3100DR is equipped with a scanning function to search for memory channels and frequencies with active signals.

### VFO scan

Press **[V/M]** to switch to VFO mode.

Press and hold **[UP]** or **[DWN]** on the microphone for over one second.

Pressing **[UP]** scans in the higher frequency direction.

Pressing **[DWN]** scans in the lower frequency direction.

Press **[UP]**, **[DWN]** or **[PTT]** on the microphone to cancel scanning (this does not put the transceiver into transmit mode).

### Memory scan

Frequencies registered to the memory channels can be scanned in the memory channel number order.

Press **[V/M]** to switch to memory mode.

Press and hold **[UP]** or **[DWN]** on the microphone for over one second.

Pressing **[UP]** scans the memory channels in an upward direction.

Pressing **[DWN]** scans the memory channels in a downward direction.

Press **[UP]**, **[DWN]** or **[PTT]** on the microphone to cancel scanning (this does not put the transceiver into transmit mode).