

## MEMORY CHANNELS

In Memory channels, you can store frequencies and related data that you often use. Then you need not reprogram the data every time. You can quickly recall a programmed channel by simple operation. A total of 1000 Memory channels are available for bands A and B.

### SIMPLEX & REPEATER OR ODD-SPLIT MEMORY CHANNEL?

You can use each memory channel as a simplex & repeater channel or as an odd-split channel. Store only one frequency to use as a simplex & repeater channel or two separate frequencies to use as an odd-split channel. Select either application for each channel depending on the operations you have in mind.

Simplex & repeater channels allow:

- Simplex frequency operation
- Repeater operation with a standard offset (if an offset direction is stored)

Odd-split channels allow:

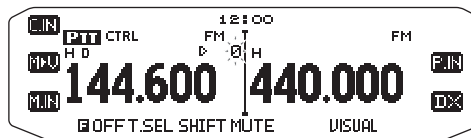
- Repeater operation with a non-standard offset

The data listed below can be stored in each Memory channel:

Parameter	Simplex & Repeater	Odd-split
Receive frequency	Yes	Yes
Transmit frequency		Yes
Receive frequency step size	Yes	Yes
Transmit frequency step size		Yes
Offset direction	Yes	No
Tone ON/OFF	Yes	Yes
Tone frequency	Yes	Yes
CTCSS ON/OFF	Yes	Yes
CTCSS frequency	Yes	Yes
DCS ON/OFF	Yes	Yes
DCS code	Yes	Yes
Reverse ON/OFF	Yes	No
Memory channel lockout	Yes	Yes
Memory channel name	Yes	Yes
Modulation/ Demodulation mode	Yes	Yes

### STORING SIMPLEX AND STANDARD REPEATER FREQUENCIES

- 1 Press **[VFO]** to enter VFO mode.
- 2 Rotate the **Tuning** control to select your desired frequency.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a frequency.
- 3 Set up any additional data desired for the frequency.
  - Offset direction, Tone ON/OFF, Tone frequency, CTCSS ON/OFF, CTCSS frequency, DCS ON/OFF, DCS code, etc.
- 4 Press **[F]**.
  - A memory channel number appears.



- 5 Rotate the **Tuning** control to select your desired channel number.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a channel.
- 6 Press **[M.IN]** to store the data in the selected Memory channel.

**Note:** If you store the data in a Memory channel that already has data stored in it, the old data will be cleared and the new data will be stored.

#### ■ Call Channel Memory (Simplex)

The Call channel can be used to store any frequency and related data that you will recall often. You may want to dedicate the Call channel as an emergency channel within your group.

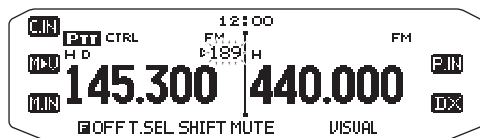
To store a simplex frequency and related data as the Call channel instead of in a Memory channel, after step 4 (above), press **[C.IN]**.

**Note:** Storing new data in the Call channel will clear the old data. (The Call channel itself cannot be cleared, but data can be replaced with new data.)

## STORING ODD-SPLIT REPEATER FREQUENCIES

Some repeaters use a receive and transmit frequency pair with a non-standard offset. To access those repeaters, store two separate frequencies in a memory channel. You can then operate on those repeaters without changing the offset frequency you stored in the menu.

- 1 Set up a simplex channel by following steps 1 to 6 of "STORING SIMPLEX AND STANDARD REPEATER FREQUENCIES", above.
- 2 Press **[VFO]** to enter VFO mode.
- 3 Rotate the **Tuning** control to select your desired transmit frequency.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a frequency.
- 4 Set up any additional data desired for the transmit frequency.
  - Tone ON/OFF, Tone frequency, CTCSS ON/OFF, CTCSS frequency, DCS ON/OFF, DCS code, etc.
- 5 Press **[F]**.
  - A memory channel number appears.
- 6 Rotate the **Tuning** control to select your desired channel number.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a channel.



- 7 Press **[PTT]**, **[M.IN]** to store the data in the selected Memory channel.

### Call Channel Memory (Odd-Split)

The Call channel can be used to store any frequency and related data that you will recall often. You may want to dedicate the Call channel as an emergency channel within your group.

To store an odd-split frequency and related data as the Call channel instead of in a Memory channel, after step 6 (above), press **[PTT]**, **[C.IN]**.

**Note:** You cannot store the transmit offset status and Reverse status in an odd-split Call channel.

## RECALLING A MEMORY CHANNEL

- 1 Press **[MR]** to enter Memory Recall mode.
- 2 Rotate the **Tuning** control to select your desired Memory channel.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a channel, or you can enter a channel number using the microphone keypad.

### Memory Recall Method

The transceiver Menu also provides you with the option to recall Memory channels with stored frequencies in your current band, or all Memory channels:

- 1 Enter Menu mode and access Menu 201.



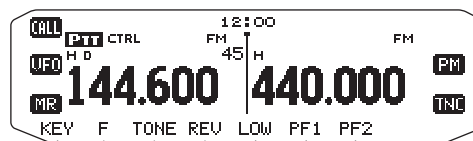
- 2 Set the recall method to CURRENT (current band) or ALL BANDS (all bands).
  - CURRENT allows you to recall only those memory channels that have stored frequencies within the current band. ALL allows you to recall all programmed memory channels.
  - When the recalled memory channel is an AM channel, you cannot recall on the B band.

Frequency ranges:

- 118 MHz: 118 ~ 135.995 MHz
- 144 MHz: 136 ~ 199.995 MHz
- 220 MHz: 200 ~ 299.995 MHz
- 300 MHz: 300 ~ 399.995 MHz
- 430/440 MHz: 400 ~ 523.995 MHz
- 1200 MHz: 800 ~ 1299.990 MHz

## CLEARING A MEMORY CHANNEL

- 1 Press **[MR]** to enter Memory Recall mode.
- 2 Rotate the **Tuning** control to select your desired Memory channel.
  - Additionally, you can press the microphone **[UP]/[DWN]** keys to select a channel, or you can enter a channel number using the microphone keypad.



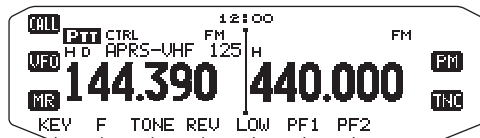
- 3 Turn the transceiver power OFF.
- 4 Press **[MR]** + **Power ON**.
  - A confirmation message appears on the display.



- 5 Press the **Tuning** control to clear the Memory channel.
  - To exit without clearing the channel, press **[ESC]**.

## NAMING A MEMORY CHANNEL

You can name Memory channels using up to 8 characters. When you recall a named Memory channel, its name appears on the display. Names can be call signs, repeater names, cities, people, etc.



- 1 Press **[MR]** to enter Memory Recall mode.
- 2 Rotate the **Tuning** control to select your desired Memory channel.
- 3 Enter Menu mode and access Menu 200.



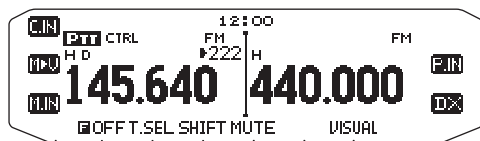
- 4 Enter your desired name for the channel.

**Note:** You can overwrite a Memory channel name by performing the steps above. You can also clear a Memory channel name by clearing the Memory channel.

## MEMORY-TO-VFO TRANSFER

Transferring the contents of a Memory channel or the Call channel to the VFO can be useful if you want to search for other stations or a clear frequency, near the selected Memory channel or Call channel frequency.

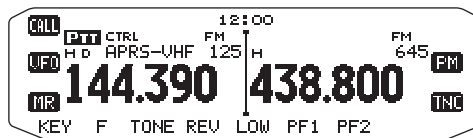
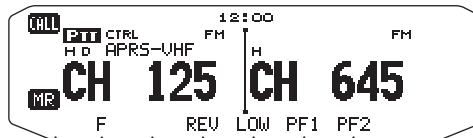
- 1 Press **[MR]** or **[CALL]** to enter Memory Recall mode or select the Call channel.
- 2 Rotate the **Tuning** control to select your desired channel. (This step is not necessary when selecting the Call channel.)
- 3 Press **[F]**, **[M>V]**.
  - The entire contents of the Memory channel or Call channel are copied to the VFO, and VFO mode is selected after the transfer is complete.
  - When copying a transmit frequency from an odd-split Memory or Call channel, you must first turn the Reverse function ON before pressing **[F]**, **[M>V]**.



## CHANNEL DISPLAY FUNCTION

Use this function when you want to use only Memory channels. When this function is switched ON, the transceiver displays only a Memory channel number instead of a frequency.

- 1 Turn the transceiver power OFF.
- 2 Press **[LOW] + Power ON** to turn the channel display ON or OFF.



### Note:

- ◆ If no Memory channels have saved data in them, channel display will not function.
- ◆ When using Channel Display, you cannot reset the transceiver.

While in Channel Display mode, the transceiver keys function as shown next page:

Key Name	[KEY]	[F], [KEY]	[KEY] (1s)	While Transmitting	[KEY] + Power ON
	Power ON/OFF	Power ON/OFF	Power ON/OFF	Power ON/OFF	X
PM	–	–	–	–	–
TNC	–	DX PacketClusters Monitor ON/OFF	–	–	–
CALL	Call mode	–	Call Scan	–	–
VFO	–	–	–	–	–
MR	MR mode	–	Memory Scan	–	–
KEY	–	–	–	–	–
F	Function mode	Exit Function mode	Key Lock	–	–
TONE	–	–	–	–	–
REV	Reverse ON/OFF	–	–	–	–
LOW/ MUTE	Change output power	Mute	–	Change output power	Change channel display
PF1	Select the Weather channel (K type)	–	–	–	–
PF2	Change control band (default)	–	–	–	–
Tuning control	–	–	Group Scan	–	–
BAND SEL A	A band	–	Change Single/Dual	–	–
BAND SEL B	B band	–	Change Single/Dual	–	–