Programming Memories Manually

The following steps must be followed exactly.

Do <u>NOT</u> skip any steps along the way.

Frequency Mode vs. Channel Mode

These two modes have different functions and often confused.

<u>Frequency Mode</u> - Used for a temporary frequency assignment, such as a test frequency or quick field programming.

<u>Channel Mode</u> - Used for selecting preprogrammed channels.

All programming MUST be initially done in the Frequency Mode using the Upper Display only. From there you have the option of assigning the entered data to a specific channel for later access in the Channel Mode if desired.

IMPORTANT: Programming done using the Lower display cannot be saved and will be lost.

Programming a Channel with Standard Offsets

⬇ Programming a Channel with any offset

⬇ Programming a Basic Simplex Channel

Programming a Repeater Channel with Standard Offsets

This example is for: 146.700 MHz
600 kHz minus offset
into channel 9 9
CTCSS tone 123.0
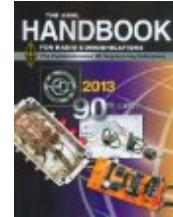
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1.   Set radio to **Frequency Mode** (VFO)
 a.)   UV5R - Press VFO/MR button
 b.)   UV82 - Press/Hold MENU button during PowerON.

2.   Select Upper Display
 a.)   UV5R - Press [A/B] and select the **Upper Display**.
 b.)   UV82 - Press [EXIT A/B] and select the **Upper Display**.

3.   Turn TDR OFF (Dual Watch)
    [Menu] 7 [Menu] OFF [Menu] [Exit]

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4.   Delete Prior Data
    [Menu] 2 8 [Menu] 9 9 [Menu] [Exit]

5.   Enter RX frequency
    1 4 6 7 0 0

6.   Set TX CTCSS codes for Transmit.
    [Menu] 1 3 [Menu] 1 2 3 0 [Menu] [Exit]

7.   Set RX CTCSS codes for Receive (if needed).
    [Menu] 1 1 [Menu] 1 2 3 0 [Menu] [Exit]

8.   Enter the TX Frequency Shift.
    [Menu] 2 5 [Menu] - [Menu] [Exit]

9.   Repeater Offset.
    [Menu] 2 6 [Menu] 0 0 0 6 0 0 [Menu] [Exit]

10. Store RX frequency
   [Menu] 2 7 [Menu] 9 9 [Menu] [Exit]

11. Reverse RX TX display
   [* Scan]

12. [Menu] [Menu] 9 9 [Menu] [* Scan] [Exit]

Note: On 'some' newer radios, instructions 10, 11, 12 can be consolidated into one.

10. Store RX/TX frequency
   [Menu] 2 7 [Menu] 9 9 [Menu] [Menu] [Menu] [Exit]

Switch back to Channel Mode (MR)

Programming a Repeater Channel with any offset
(Standard or Odd Split)

This example is for: 146.700 MHz
600 kHz minus offset
into channel 9 9
CTCSS tone 123.0 (optional)

This procedure can be used to program standard offsets as well a cross band (VHF/UHF). If you know the repeater's RX and TX, you can program them separately without using the repeater offset menus.

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1. Set radio to **Frequency Mode** (VFO)
   a.)   UV5R - Press VFO/MR button
   b.)   UV82 - Press/Hold MENU button during PowerON.

2. Select Upper Display
   a.)   UV5R - Press [A/B] and select the **Upper Display**.
   b.)   UV82 - Press [EXIT A/B] and select the **Upper Display**.

3. Turn TDR OFF (Dual Watch)
   [Menu] 7 [Menu] OFF [Menu] [Exit]

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4. Delete Prior Data
    [Menu] 2 8 [Menu] 9 9 [Menu] [Exit]

5. Set TX CTCSS / DCS codes for Transmit. (optional)
    [Menu] 1 3 [Menu] 1 2 3 0 [Menu] [Exit]

6. Store RX frequency into channel
    1 4 6 7 0 0 [Menu] 2 7 [Menu] 9 9 [Menu] [Exit]

7. Store TX frequency into channel
    1 4 6 1 0 0 [Menu] [Menu] 9 9 [Menu] [Exit]

Switch back to Channel Mode (MR)

Programming a Basic Simplex Channel (No Tone)
into channel 9 9

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1. Set radio to **Frequency Mode** (VFO)
    a.)   UV5R - Press VFO/MR button
    b.)   UV82 - Press/Hold MENU button during PowerON.

2. Select Upper Display
    a.)   UV5R - Press [A/B] and select the **Upper Display**.
    b.)   UV82 - Press [EXIT A/B] and select the **Upper Display**.

3. Turn TDR OFF (Dual Watch)
    [Menu] 7 [Menu] OFF [Menu] [Exit]

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4. Delete Prior Data
    [Menu] 2 8 [Menu] 9 9 [Menu] [Exit]

5. Enter the TX Frequency Shift.
    [Menu] 2 5 [Menu] OFF [Menu] [Exit]

6. Store RX frequency into channel
    1 4 6 5 8 0 [Menu] 2 7 [Menu] 9 9 [Menu]

7. Store TX frequency into channel
    [Menu] [Menu] [Exit]

Switch back to Channel Mode (MR)

Back