

Yaesu VX-8R Settings for AT Golden Packet/Operation ON-Target Event

Set Event Frequency:

1. Set VX-8R into “Dual Receive” mode.
2. Press the “B” band button briefly to engage band “B” as the operating band.
3. Press the V/M key to place the “B” band into VFO mode.
4. Press the BAND repeatedly to switch to VHF Hi operating band.
5. Rotate dial or use keypad to enter the event frequency, 144.34 into the “B” band.

Set Callsign:

1. Press MENU key repeatedly until “STATION LIST” appears on the display.
2. Press and hold the MENU key for one second to enter the APRS/GPS set mode.
3. Rotate DIAL knob to select Set Mode Item **20: MY CALLSIGN**.
4. Press the MENU key briefly to enable call sign programming
5. Rotate DIAL knob or press the appropriate keys on your keypad to set the first letter/number in your callsign.
6. When the correct letter/number has been selected, press the MODE key to move the cursor to the next character.
7. To correct a mistake, press the BAND key to backspace the cursor and re-enter the correct letter/number.
8. Repeat steps 5 -7 as many times as necessary to complete your callsign. The callsign can consist of up to six characters. If your callsign is less than six characters, enter spaces into the remaining digits.
9. Press the MODE key to move on to the next position, then rotate the DIAL knob to select the SSID (Secondary Station Identifier) if desired.
10. Press the MENU key briefly to save setting.

Enable APRS:

1. Rotate DIAL knob to select Set Mode Item **4: APRS MODEM**.
2. Press the MENU key briefly to enable adjustment of modem settings.
3. Rotate the DIAL knob to select “1200bps” (to activate the AX.25 modem)
4. Press the MENU key briefly to save setting.

Set Icon/Symbol:

1. Rotate DIAL knob to select Set Mode Item **22: MY SYMBOL**.
2. Press the MENU key briefly to enable adjustment of setting.
3. Rotate DIAL knob to desired symbol (Eyeball).
4. Press the MENU key briefly to save setting.

Set Digipeater Path:

1. Rotate DIAL knob to select Set Mode Item **15: DIGI PATH.**
2. Press the MENU key briefly to enable adjustment of setting.
3. Rotate the DIAL knob to select the path number (1-8) you wish to set.
4. Press the MODE key briefly to begin call sign entry into selected path.
7. Rotate DIAL knob or use keypad to enter the "H" in HOP7-7 into the path.
8. Press the MODE key to move the cursor to the next character.
9. Repeat steps 7 & 8 for the remainder of the HOP7-7 path.
10. To correct a mistake, press the BAND key to backspace the cursor and re-enter the correct letter/number.
11. Once HOP7-7 is completely entered, press the MENU key briefly to save setting.

Set Beacon/Interval:

1. Rotate DIAL knob to select Set Mode Item **14: BEACON TX.**
2. Press the MENU key briefly to enable adjustment of setting.
3. Rotate the DIAL knob to select "AUTO" or "MANUAL" as desired.
4. Press the MENU key briefly to save setting.
5. Rotate DIAL knob to select Set Mode Item **12: BEACON INTERVAL.**
6. Press the MENU key briefly to enable adjustment of setting.
7. Rotate the DIAL knob to select "5min" as the beacon interval
8. Press the MENU key briefly to save setting.

Set Beacon Text:

1. Rotate DIAL knob to select Set Mode Item **13: BEACON STATS TXT.**
2. Press the MENU key briefly to enable adjustment of setting.
3. Rotate the DIAL knob to select the status text line (1-5) you wish to set.
4. Press the MODE key briefly to begin comment entry into selected text line.
5. Rotate DIAL knob or use keypad to enter Troop number and mountain name into the text line one character at a time, using the MODE key to move the cursor to the next character and the BAND key to backspace the cursor and correct any mistake.
6. Press the MENU key briefly to save setting.

Set Position:

1. Rotate DIAL knob to select Set Mode Item **21: MY POSITION.**
2. Press the MENU key briefly to enable adjustment of setting.
3. Rotate the DIAL knob to select AUTO if using FGPS-2 unit or you can manually enter the Lat/Lon of your location or use one of 10 memory slots to use a saved a location.
4. You must have an active GPS location/signal in order to transmit a beacon.