



April 28, 2026

The MXT Pro PC software can be used to program the Midland® MXT Pro series of radios such as the MXT115P, MXT295, MXT395, and MXT595. The MXPG15 Programming Cable is required to program the MXT Pro series of radios.

Quick Start

1. Install the MXT Pro PC software.
2. Connect the MXPG15 Programming Cable to a USB-A port on the PC. The PC should recognize that a USB-to-serial converter has been connected and install the USB-Serial CH340 driver for the cable. Note the virtual serial port number assigned to the cable.
3. Connect the USB-C end of the MXPG15 programming cable to the USB-C port on the MXT Pro series radio base.
4. Apply 12 V power to the MXT Pro series radio.
5. Turn the MXT115P radio on. For MXT295, MXT395, and MXT595 radios with a Bluetooth microphone, leave the microphone powered off as the Bluetooth function can interrupt the PC programming process. Check for the red flashing LED on the radio base to confirm the radio has power. MXT295, MXT395, and MXT595 radios with a wired microphone can be programmed with the radio turned off or on.
6. Open the MXT Pro PC software.
7. Select the virtual serial port for the MXPG15 cable in the status bar drop-down at the bottom left of the programming application.
8. On the **Program** menu select **Read from Radio**.
9. Once the radio's program is read, edit the program as needed.
10. After editing, select **Write to Radio** from the **Program** menu to load the edited programming into the radio.



Channels

MXT Pro V1.0 C:\Program Files (x86)\MXT Pro\MXT Pro V1.0.dat

File Program

Channels Radio & Modes

Ch.	Ch.Name	RX Frequency	RX Privacy	Repeater Ch. ?	TX Frequency	TX Privacy	TX Power	Wide/Narrow Band	Scanning
1		462.5625	Off	No	462.5625	Off	Low	Narrow	Scan
2		462.5875	Off	No	462.5875	Off	Low	Narrow	Scan
3		462.6125	Off	No	462.6125	Off	Low	Narrow	Scan
4		462.6375	Off	No	462.6375	Off	Low	Narrow	Scan
5		462.6625	Off	No	462.6625	Off	Low	Narrow	Scan
6		462.6875	Off	No	462.6875	Off	Low	Narrow	Scan
7		462.7125	Off	No	462.7125	Off	Low	Narrow	Scan
8		467.5625	Off	No			Low	Narrow	Scan
9		467.5875	Off	No			Low	Narrow	Scan
10		467.6125	Off	No			Low	Narrow	Scan
11		467.6375	Off	No			Low	Narrow	Scan
12		467.6625	Off	No			Low	Narrow	Scan
13		467.6875	Off	No			Low	Narrow	Scan
14		467.7125	Off	No			Low	Narrow	Scan
15		462.5500	Off	No	462.5500	Off	High	Narrow	Scan
RPTR 15		462.5500	Off	Yes	467.5500	Off	High	Wide	Scan
16		462.5750	Off	No	462.5750	Off	High	Narrow	Scan
RPTR 16		462.5750	Off	Yes	467.5750	Off	High	Wide	Scan
17		462.6000	Off	No	462.6000	Off	High	Narrow	Scan
RPTR 17		462.6000	Off	Yes	467.6000	Off	High	Wide	Scan
18		462.6250	Off	No	462.6250	Off	High	Narrow	Scan
RPTR 18		462.6250	Off	Yes	467.6250	Off	High	Wide	Scan
19		462.6500	Off	No	462.6500	Off	High	Narrow	Scan

COM8

The **Channels** tab allows per channel options to be configured.

Ch. Name

A channel name, up to 8 characters, can be defined in the **Ch. Name** cell after a frequency has been selected.



The MXT115P does not have capability to display the channel name and does not store the channel name.



RX Frequency

Frequencies for channels 1 - 22 and RPTR 15 - RPTR 22 are fixed and these channels are always present in the radio. Channels 23 - 99 can have the receive frequency selected from the **RX Frequency** drop-down. The **TX Frequency** is automatically set based on the **RX Frequency** selection and whether the channel is selected as a repeater channel.

RX Privacy

A CTCSS tone or DCS code may be selected in the **RX Privacy** drop-down. The **TX Privacy** selection will automatically be set the same as the **RX Privacy** for direct channels.

Repeater Ch. ?

Select **Yes** in the **Repeater Ch. ?** drop-down to add the 5 MHz transmit frequency offset used for repeater channels. The **Repeater Ch. ?** drop-down is only available when a 462 MHz main **RX Frequency** is selected, 462.5500, 462.5750, 462.6000, 462.6250, 462.6500, 462.6750, 462.7000, or 462.7250.

TX Frequency

The transmit frequency is automatically set based on the **RX Frequency** and **Repeater Ch. ?** selections.



FCC regulations prohibit mobile radios from transmitting on 467.5625, 467.5875, 467.6125, 467.6375, 467.6625, 467.6875, and 467.7125 MHz frequencies.

TX Privacy

The CTCSS tone or DCS code used for transmitting is set equal to the **RX Privacy** selection for direct channels. Repeater channels allow selection of an independent transmit CTCSS tone or DCS code.

TX Power

Depending on the channel's frequency selection, **High** or **Low** transmit power can be selected in the **TX Power** drop-down. The high power selection is nominally 15, 30, or 50 Watts based on the model being programmed. The low power selection is nominally 5 Watts for all models.



FCC regulations limit transmit power to 5 Watts on 462.5625, 462.5875, 462.6125, 462.6375, 462.6625, 462.6875, and 462.7125 MHz frequencies.

Wide/Narrow Band

The channel bandwidth can be selected as **Wide** or **Narrow** using the **Wide/Narrow Band** drop-down. **Narrow** will set the radio channel for maximum ± 2.5 kHz deviation and 12.5 kHz occupied bandwidth. **Wide** will set the radio channel for maximum ± 5 kHz deviation and 20 kHz occupied bandwidth.



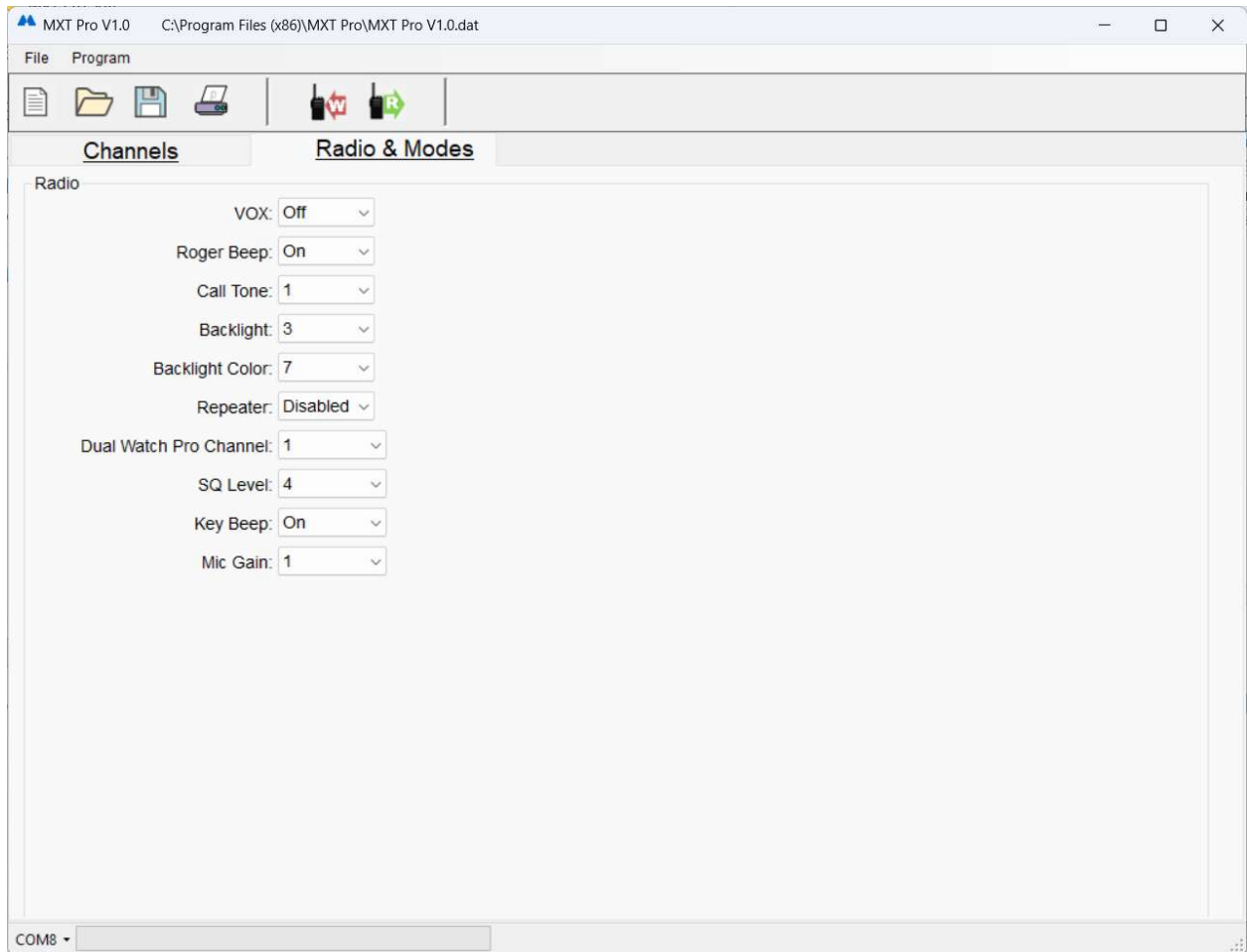
FCC regulations limit transmissions to maximum ± 2.5 kHz deviation and 12.5 kHz occupied bandwidth on 467.5625, 467.5875, 467.6125, 467.6375, 467.6625, 467.6875, and 467.7125 MHz frequencies. Although mobile radios don't transmit on these frequencies, narrow bandwidth is the appropriate selection for receiver.

Scanning

Selecting **Skip** in the **Scanning** drop-down will remove the channel from the radio's channel scan list.



Radio & Modes



The **Radio & Modes** tab allows radio wide options to be configured.

VOX

Selecting a level in the **VOX** drop-down will enable the radio's VOX function which allows transmissions based on microphone audio detection without the need to press PTT. VOX is more appropriate for use with headsets. Level **1** is the most sensitive selection, transmitting with lower voice levels.

Roger Beep

Selecting **On** in the **Roger Beep** drop-down enables a short tone sent over the radio channel when PTT is released. The tone alerts listeners that the transmission ended and the channel is free.



Call Tone

A call tone sequence may be selected in the **Call Tone** drop-down. This sequence will be transmitted when the CALL button is pressed. Selecting **Off** will disable the function.

Backlight

The brightness of the radio display backlighting may be selected in the **Backlight** drop-down. Level **3** is the brightest selection.

Backlight Color

The **Backlight Color** drop-down selects the color of the radio display backlighting. Corresponding backlight selections are white, blue, green, red, cyan, purple, and yellow.

Repeater

Selecting **Enabled** in the **Repeater** drop-down adds the eight standard GMRS repeater channels, 15RP - 22RP, to the radio channel list.

Dual Watch Pro Channel

Select the desired watch channel in the **Dual Watch Pro Channel** drop-down. The watch channel and the operational channel will be monitored for activity when the dual watch function is enabled.

SQ Level

Select the relative noise squelch threshold level in the **SQ Level** drop-down. Lower levels will allow reception of weaker noisier signals. The default level is **4**.

Key Beep

Select **On** in the **Key Beep** drop-down to provide audible confirmation when a button is pressed.

Mic Gain

Select a relative level for microphone gain in the **Mic Gain** drop-down. Level **1** is the most sensitive, reaching full modulation with lowest voice level. The default level is **2**.



Mic Gain is only used for the MXT115P.