

Adding a Transmit Indicator to the KN-Q7A Kit

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The relays make a loud enough noise, so you can tell that the relays for transmitting have been engaged. However I wanted some external indicator to tell me that I was transmitting. There were several ways to do this, I chose the easiest way I could find. It takes very little components and is inexpensive.

Parts Needed:

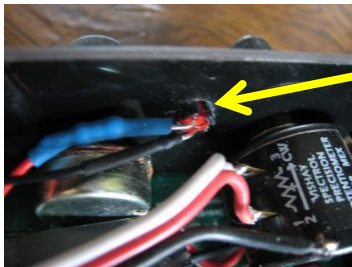
- 1) LED – I preferred Red, but any color will work.
- 2) Resistor – value will depend on your LED.
- 3) LED mount – 23077 from www.jameco.com

Assembly:

Make a hole in the front panel. See photo:



Trim and solder resistor to lead of LED. Place heat-shrink tubing over the resistor.



Place the LED mount into drilled hole and mount the LED in mount.

Solder negative of LED to GND connection on Microphone Jack.

Solder positive line of LED to +8VT volt. I soldered it to the resistor for ease of removal if needed.



Conclusions: I could have added a cable with connectors to allow disconnection to be easier.