

Flex3000 to Kenwood MC-60a adapter

N6JSX /8

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How I wired my Mic adapter. One of the main reasons for using the MC60a is due to its superior Mix audio quality and the base stand features requiring no extras. I especially like the PTT/hold and Up/Down buttons that work well with the Flex3000. I discovered holding down the Up/Down put the 3000 into an auto-increment until the opposite button is touched, stopping the incrementing.

The 'Up/Down' buttons on the MC60 are open-to-ground for toggle.

'Fast' is not connected.

There are a few items to note when building this adapter (lessons learned):

1. 8pin-round in-line connector; pre-tin the solder cups prior to soldering the wires or risk melting the wire jackets.
2. LAN cable; if you scavenge a LAN cable for a pre-made RJ-45 insure the wires are true copper and copper color. Not the cheap silver covered something that is very very difficult to solder/pre-tin without melting the wire jacket no mater how much flux you use.
3. To insure the 8in-round connector cable clamp snugly grips the cable I had to add a piece of heat-shrink tubing over the cable jacket.
4. Write down the RJ-45 wire colors per pin-number, makes it easier and faster to wire during soldering.
5. 8pin round connector was obtained from eBay.

Flex3000 to MC-60a pin-outs

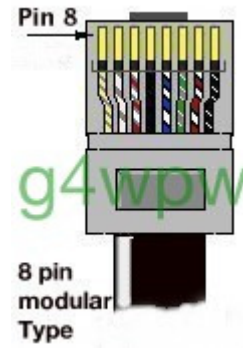
pin/slot	Flex/ Yaesu	MC-60	
1 [R]	Fast	NC	6
2	GND	PGND	8
3	PTT	PTT	2
4	MIC	Mic	1
5	MGND	MGND	7
6	+5V	+8V	5
7	Up	Up	4
8 [L]	Dwn	Dwn	3

(This MC-60a data should be good for MC-50.)

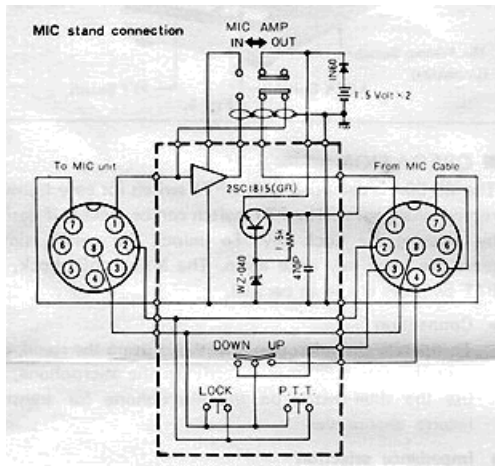
Flex3000

PIN1	FAST SCAN
PIN2	GROUND
PIN3	PTT
PIN4	MIC
PIN5	MIC GROUND
PIN6	+ 5VOLT
PIN7	UP
PIN8	DOWN

Flex3000



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view from front of transceivers

