



Kraus Global Inc.

MICON COMMUNICATION INTERFACE UNIT (MCIU)

INSTALLATION MANUAL:

NORTH AMERICAN AND EUROPEAN



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MICON COMMUNICATION INTERFACE UNIT (MCIU) INSTALLATION GUIDE

Each MCIU has the capability of communicating with up to sixteen MICON 500 pump heads. Each MICON 500 pump head must be connected to the MCIU as outlined in steps 1 to 6 below.

1. Locate the wire conduit coming from the MICON 500 tub.
2. Select 3 labelled wires:

PINK wire # 9

TAN wire # 10

GREEN wire # 16
3. Observe the MCIU board. There are four 12 pin connectors on each board: P1, P2, P3, P4. You will utilize 3 pins per MICON hook-up: TTP, TTC and DCC, for a total of sixteen MICON 500 interfaces.
4. Connect wires to pins as shown in table below:

From MICON 500 Wire Conduit	Connect to MCIU Board
PINK wire # 9	TTP1 (P1)
TAN wire # 10	TTC1 (P1)
GREEN wire # 16	DCC1 (P1)

If you are connecting more than one MICON head to the MCIU, use exactly the same configuration as above for heads 2—16 (i.e., TTP2, TTC2, DCC2, etc.).

5. Plug the RS232 connector on the MCIU into the serial port of your computer. DB 25 pin male connector plugs into the MCIU. DB 9 pin female connector plugs into computer serial port.
6. Connect jack into MCIU at J2 as shown in wiring diagram (over). Plug other end with attached 9 VDC adaptor into a 120 VAC outlet.

MICON COMMUNICATION INTERFACE UNIT (MCIU) WIRING DIAGRAM

