

– MegaTron Quick Steps —

MegaTronXS 4-20mA Output Programming

Defining the mA Output

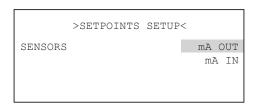
Step 1:

Push the **SET UP RUN** button to get this screen. From here push **SETPOINTS** (Button 1) to go to the next screen.

	>HOME	SETUP<	
SETPOINTS			DATE/TIME
CALIBRATION			CONFIGURE
TIMERS			HISTORY
CUSTOMIZE			TOTALIZERS
ALARMS			RELAYS

Step 2

Press 6 for mA OUT



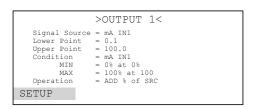
Step 3:

Press 1 for OUTPUT 1



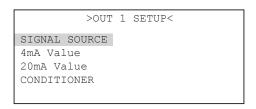
Step 4:

Press 5 for **SETUP**



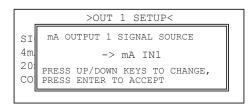
Step 5:

Press 1 for SIGNAL SOURCE



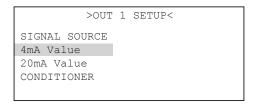
Step 6

Arrow up until you get to the desired source for the output you want.



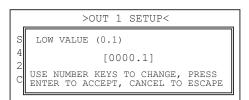
Step 7:

Press 2 for 4mA Value



Step 8:

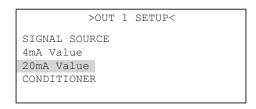
Enter the source reading that you want the output signal to be at 4mA.





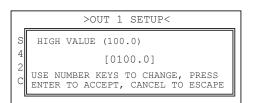
Step 9:

Press 3 for 20 mA Value



Step 10:

Enter the source reading that you want the output signal to be at 20mA.



Signal Conditioning

A mA output can be conditioned or modified by another analog reading. This allows for two analog readings to be blended into one mA output.

Step 1:

Select CONDITIONER from mA output setup.

```
>OUT 1 SETUP<
SIGNAL SOURCE
4mA Value
20mA Value
CONDITIONER
```

Step 2:

Select the second signal source that will act as the conditioner to the mA output

Step 3:

Define the 4mA and 20mA values of this second analog system.

Step 4:

Select the Operation that the conditioner will perform to the output.

```
>OUTPUT 1<

Signal Source = mA IN1
Lower Point = 0.1
Upper Point = 100.0
Condition = mA IN1
MIN = 0% at 0%
MAX = 100% at 100
Operation = ADD % of SRC
SETUP
```

Example: A mA output of the pH set to provide 4mA at a pH of 6 and 20mA at a pH of 10.

