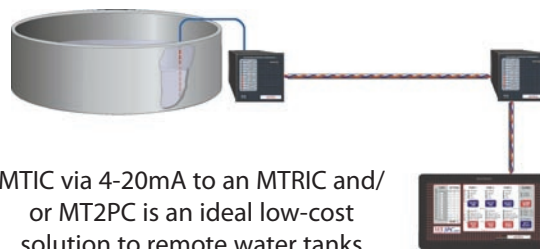
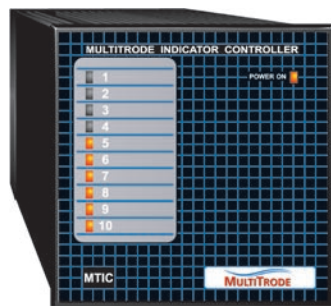
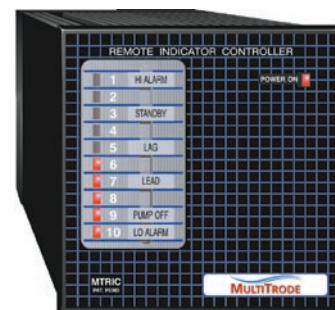


# MTIC Indicator Controller



MTIC via 4-20mA to an MTRIC and/or MT2PC is an ideal low-cost solution to remote water tanks



The MTIC was designed for applications where liquid level display, pump control and analogue output are needed. The unit provides level indication and ten N/O or N/C control relay outputs.

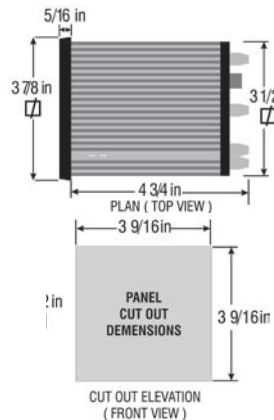
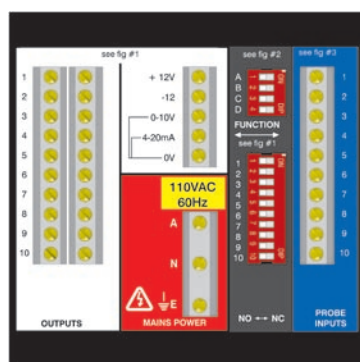
Simple installation and operation procedures make this unit one of the easiest retrofit level control devices in the MultiTrobe range for use when upgrading from ball floats.

Combining the MTIC with a ten-sensor probe offers the ultimate in low cost reliability. The MTIC is used where level indication or control of multiple pumps and/or alarms is required.

The 4-20mA and 0-10v analogue outputs can operate chart recorders, variable speed drives, telemetry and other control devices. The MTIC can be connected to the MTRIC, MT2PC or MT3PC via its 4-20mA output, providing full multiple pump control.

Our customers use the MTIC for many applications, such as water reservoirs with remote pump stations or water tanks in high-rise buildings with basement pumps

## MTIC Rear



## Available Models & Ordering Information

240VAC	MTIC2	MTRIC2
110VAC	MTIC3	MTRIC3
24VDC	MTIC5	
12VDC	MTIC6	

## Specifications

### Mode of Operation:

Mode Charge or Discharge (Fill or Empty)

### Probe Inputs: MTIC ONLY

Sensor Inputs	10
Sensor Voltage	10VAC Nominal
Sensor Current	0.8mA max (per sensor)
Sensitivity	1k, 4k, 20k, 80k Ohms

### Relay Outputs: MTIC & MTRIC

No of relay outputs	10 N/O or N/C
Selectable Delays	0, 5, 10, 15 sec
Relay contact rating	250VAC 5A Resistive, 2A Inductive
Relay contact life	10 <sup>5</sup> Operations
Terminal size	2 x 2 x 13 AWG / 2.5mm <sup>2</sup>

### Other Inputs: MTRIC ONLY

Analogue 4-20mA, 0-10VDC Note: The MTRIC is designed to operate only with other MultiTrobe devices in conjunction with a MultiTrobe Probe.

### Other Outputs: MTIC ONLY

Analogue 4-20mA RLoad < 940 Ohms

### Display:

LEDs 10 LED bargraph & Power On

### Physical Product:

Dimensions	3 7/8 h x 3 7/8 w x 5 1/8 d (Inches) 137h x 237w x 162d (mm)
Mounting	Panel mounted through cut-out (brackets supplied)
Enclosure	Extruded aluminium

### Power Supply:

Supply Voltage AC	24, 110, 240, 415VAC - 50/60Hz
Power Consumption	16VA max
Supply Voltage DC	12 or 24VDC,
Power Consumption	10 watts max

### Environmental Range:

Centigrade	-10° to +60°C
Fahrenheit	-14° to +140°F



[www.multitrode.com](http://www.multitrode.com)

### MultiTrobe Pty Ltd · Australia

Brisbane Technology Park 18 Brandl Street  
PO Box 4633 Eight Mile Plains Qld 4113  
Tel: +61 7 3340 7000 Fax: +61 7 3340 7077  
[sales@multitrode.com.au](mailto:sales@multitrode.com.au)

### MultiTrobe Inc · USA

6560 East Rogers Circle  
Boca Raton Florida 33487  
Tel: +1 561 994 8090 Fax: +1 561 994 6282  
[sales@multitrode.net](mailto:sales@multitrode.net)