Tonick Watering

TW-3 DECODER IRRIGATION CONTROLLER

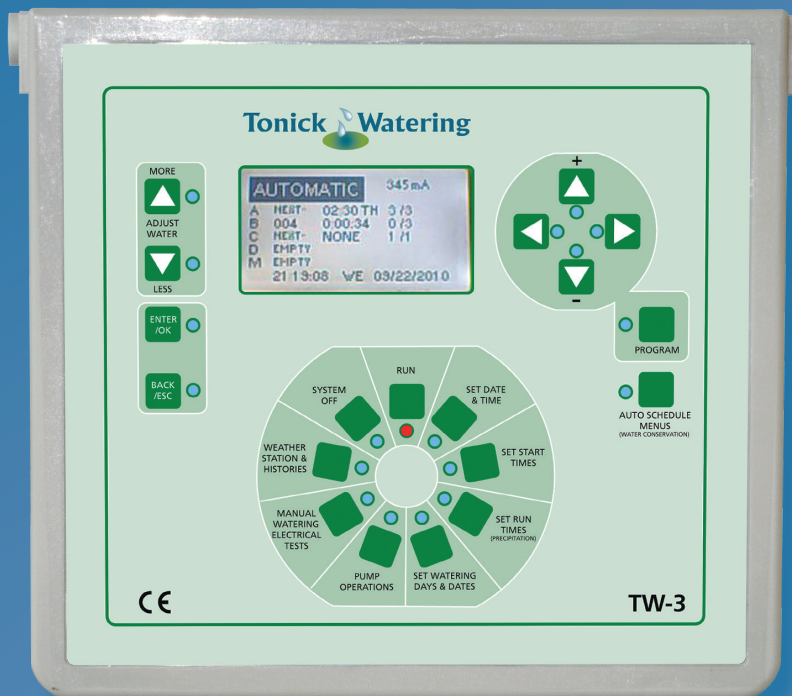## RETROFIT TW-2, SC3000, AQUARIUS 2100/2400, DEMI-RAIN, RM-1
NOW with remote control using your mobile phone

- **Lower cost**
- **Very simple to use**
- **Up to 5 decoders on together**
- **127 Watermation decoders**
- **99 Toro SC3000 decoders**
- **95 Gemini decoders**
- **127 Gemini and Tonick decoders**
- **Waterproof case and transformer**
- **4 Programs, concurrent or stacking**

- **Built-in remote control circuit**
- **Remote control using your mobile phone**
- **Powerful faultfinding diagnostics**
- **Program by time or precipitation**
- **Comprehensive history log files**
- **24VAC pump output circuit**
- **Built-in 2 wire decoder programmer/tester**
- **Field-proven lightning protection**

Following on from the best-selling Watermation TW-2 controller, the Tonick TW-3 combines simplicity of programming with the latest technology. This makes it extremely easy to set up, with a dial-type rotary switch and graphics backlit LCD.

As with other latest high technology products, there is a significant reduction in both cost and size.

The case is waterproof as is the transformer feeding it, so there is no worry where to mount the TW-3. The case and label use advanced UV resistant materials. Each of the four watering programs has up to 12 starts/day and can be programmed for any or all days of the week plus odd and even dates. Programs may run in parallel giving up to 4 decoders on at the same time. Any station number may be included in any program without restriction. Overlapping starts on the same program will stack.

Each program may be modified by a monthly seasonal adjust percentage.
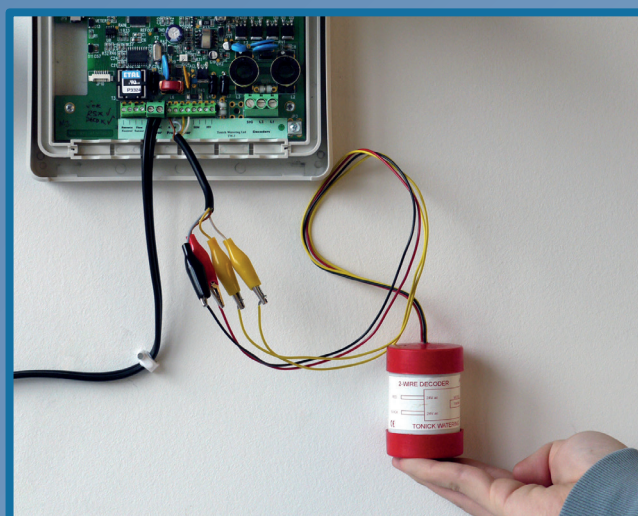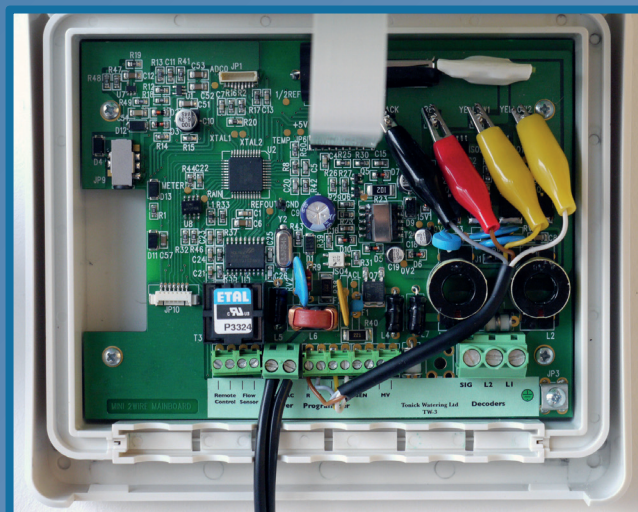
An additional no-watering window and no-water dates may be specified.

A fifth manual program is available, running independently of any automatic. This can be used from the front panel for diagnostic investigations or to run programs using the built-in remote control circuit.

Comprehensive history files are kept. These include a run log, failure log and total time/precipitation over the last 7 days for each station.

Tonick TW-3, Overview of Features

- Up to four 2 or 3 wire paths may be combined.

- 1-127 Tonick TW/2W-1 'Watermation' type decoders, Watermation MK1 originals, Logic Aquarius 2-wire, Tonick TW/WM.

- 1-99 Toro Trident/SC3000 3 wire decoders.

- 1-95 Gemini decoders plus another 32 Tonicks.

- Waterproof case, UV resistant.

- Waterproof external transformer. UL Listed/CE conforming.

- Histories of decoders run, any failures, past week's minutes and precipitation applied.

- Precipitation rate definable for each station.

- Station run time adjustable from 30 seconds to 9 hours OR by precipitation in 1mm increments.

- 4 programs. Each will run independently of one another, so up to 4 decoders on at once if run times are concurrent. Best thought of as 4 independent controllers in one box. Run-times, from 30 - 32,767 seconds.

- Overlapping starts on the same program will stack.

- Manual run of decoders in addition to the above, up to 5 decoders on at the same time.

- Electrical wire path tests. Readout of line current. Rapid testing of stations, one by one.

- Seasonal adjust, month by month for each program.

- Programming decoder station numbers and testing of 2-wire decoders before installation, using a plug-in test lead with 4 crocodile clips.

- DTMF decoder built-in to allow remote control with a hand held transmitter with keypad. Can be fed from a low cost off-the-shelf receiver or a Pay As You Go mobile phone.

- Simple remote control from the user's mobile phone.

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