

The TDC (Turf Decoder Controller) system provides a durable, cost effective alternative to traditionally wired irrigation control systems. Using a 2-wire path to communicate to buried decoders, the TDC is vandal-resistant, easy to install and easy to expand.



**TDC 100/200 Series
Modular Controller**

Key Features – Stand Alone Controller

- Modular Controller up to 200 stations
- Large LCD display and simple, intuitive programming interface
- 1, 2 & 4 station decoders with surge protection built-in
- Activate up to 20 solenoids at up to 4.5km (2.8 miles) away from the controller
- Water window calculator
- Powerful diagnostics for locating and troubleshooting
- Remote Ready and Rainsensor compatible

Additional Features

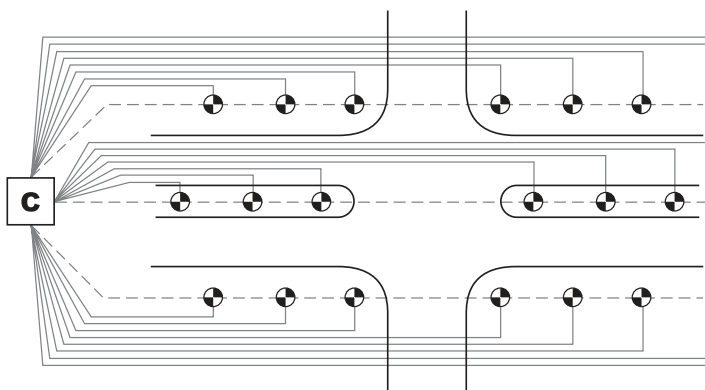
- Large LCD display and simple, intuitive programming interface
- 10 independent irrigation programs and 1 non-irrigation program
- 6 start times per program
- Manual start of each station or entire program
- Water Budget (Season Adjust) 0 to 200% in 10% increments
- 14 day calendar and 14 day interval watering schedule
- Odd/even day watering, with 31st day exclusion
- Day Exclusion (remove a day from standard program)
- Powerful diagnostics for troubleshooting
- 10 digit alpha numeric zone identification
- Non-volatile memory retains programming
- Programmable master valve, by program
- Programmable pump start, by program
- Lockable, weather-resistant wall mount cabinet
- 12-24 hour real time clock
- Automatic Backup Program

Electrical/Mechanical Specifications

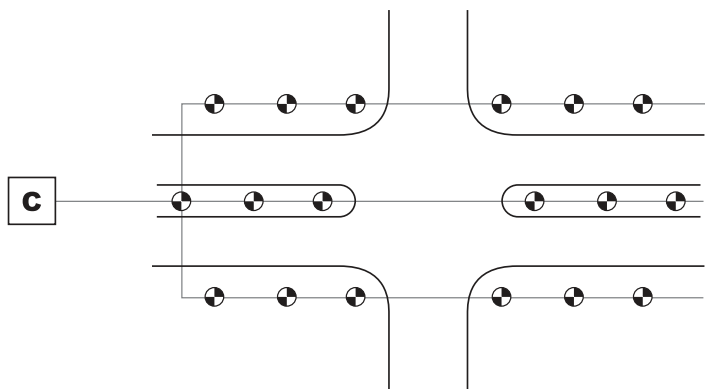
- Input power: 120 or 220/240 V.a.c., 50/60 Hz. Transformer
- Station output power: Up to 38 V.a.c. max
- 3 amps max output
- Operating Temperature: 0-60° Celsius
- UL/cUL, TUV, CE, C-Tick, and SAA approved
- Dimensions:
33.5 x 35.5 x 15cm
13" x 14" x 6" (H x W x D)



TDC 100/200 Series Decoder



Typical Roadway project before TDC



Typical Roadway project after TDC

Key Features - Decoders

- 1, 2 or 4 station valve decoders
- 1 or 2 solenoids per station
- Utilises D.C. latching solenoids for valve control
- Sensor decoder for connection to pulse (flow) or switch (rain) type sensors

Target Customers

- Parks
- Commercial Developments
- Residential Developments
- Large Homes
- Sports Fields
- Cemeteries
- Roadway Developments

Specifying Information

Specifying Two-Wire Decoder System, Turf Stand-Alone Controllers

Model	Description
CDEC-SA-100	Turf Stand-Alone Decoder Controller, D.C. latching, 100 station output
CDEC-SA-200	Turf Stand-Alone Decoder Controller, D.C. latching, 200 station output
DEC-ISP-1	1-Station TDC Decoder with enhanced lightning protection
DEC-ISP-2	2-Station TDC Decoder with enhanced lightning protection
DEC-ISP-4	4-Station TDC Decoder with enhanced lightning protection
DCLS-P	D.C. Latching Solenoid, fully potted
DEC-SG-LINE	Communication line surge arrestor - input wires



Count on it.

Toro Irrigation Products distributed by:

Lely (UK) Ltd
1, Station Road
St. Neots
Cambridgeshire
PE19 1QH
Tel: (01480) 226800
Fax: (01480) 226881

GB Form Number: LUK200-AACY

© 2007 The Toro Company – All Rights Reserved.