

TORO**Count on it.**

Custom Command™

CONTROLLERS

COMMERCIAL

The TORO Custom Command offers convenience and flexibility on your commercial applications. Ease of use is built in with hand-held capability that allows you to operate your system remotely. And the good news doesn't stop there. With a program stacking feature and a high station count, what you want is available, when you want it.

Simply put, hand-held capability offers you three key benefits: remote operation, single-person operation and quick operation. It gives you all of the convenience you need, packaged in a small hand-held unit.

Ideal for limited watering windows and water conservation, program stacking allows you to run one to four programs at the same time. This gives you more options when simultaneous operation is needed.

From medium-sized to larger commercial applications, Custom Command can protect your turf. In a plastic cabinet come nine, 12, 15, 18 and 24 stations. In a metal cabinet, the station count extends up to 36 and 48 stations, giving you even greater flexibility.



Custom Command Commercial Controller

9, 12, 15, 18 and 24 Stations—Plastic
12, 15, 18, 24, 36* and 48* Stations—Metal
(*Requires larger cabinet.)

Features

- Flexible, easy programming
- Four independent programs offer concurrent operation capability
- Seven-day calendar, odd/even day or day interval options of one to 30 days
- Excluded day option, when used with the odd/even day option, allows for non-watering on specific day(s)
- 365-day clock/calendar with excluded day option
- Station run times of one minute to 10 hours in one-minute increments
- 16 total start times
- Start time stacking within each program
- Season Adjust setting from 10–200% in 10% increments
- Rain delay setting from one to seven days conserves water
- Programmable Master Valve on/off per program
- Automatic, semi-automatic, manual and timed-manual operation
- Snap-out design allows easy removal of control module without disturbing valve wiring
- Roomy controller interior for ease of installation and service
- User-friendly, 10-position programming dial and large, easy-to-read LCD

- Self-diagnostic circuit breaker identifies and overrides an electrical valve malfunction
- Non-volatile memory retains program data through power failures of any duration
- Battery operation allows for Armchair Programming™
- Battery backup keeps accurate time for up to 90 days during power failure
- Rain sensor hook-up with sensor override switch on faceplate
- Weather-resistant, locking cabinet with heavy-duty internal transformer (plastic/metal models)
- Plastic models made with durable, UV-resistant material
- Plastic models come with a built-in screwdriver for convenience
- Pedestal mount available (12-, 15-, 18- and 24-station metal models)
- Five-year warranty (including lightning protection)

Additional Features for 36- and 48-station Models

- Exclusive Toro SurgePro™ protection safeguards against lightning and power surges on 24 V ac (50/60Hz) and station outputs up to 16 KV
- Remote-ready for convenience
- User-defined stacked or multiple simultaneous program operation, selectable from one to four programs
- Runs up to four valves and master valve or pump start simultaneously

Electrical Specifications

- Maximum output per station: 24 V ac, 0.5 amps
- Maximum valve output: 24 V ac, 1.25 amps (including Master Valve)
- Power supply: 50 VA
- Station capacity: Up to two 24 V ac, 0.25 amp solenoids per station, plus Master Valve
- Battery backup: 9-volt alkaline battery (included)
- Outdoor:
 - Transformer input: 120 V ac, (60 Hz)
 - Transformer output: 24 V ac, 2.08 amps
- UL and CUL listed

Mechanical Specifications

- Dimensions:
 - Plastic: 11½" W x 5¾" H x 8¾" D (292 x 149 x 219mm)
 - Shipping weight (including carton): 10 lbs. (4,5kg)
 - Metal (9-, 12- 15- and 24-station models): 10¾" W x 9¾" H x 5¾" D (273 x 248 x 146mm)
 - Metal (36- and 48-station models): 10¾" W x 15¾" H x 5¾" D (273 x 399 x 146mm)
 - Pedestal: 10¾" W x 27¾" H x 3¾" D (273 x 702 x 86mm)
 - Shipping weight (including carton):
 - Plastic: 15 lbs. (6,8kg)
 - Metal (9-, 12- 15- and 24-station models): 14 lbs. 5 oz. (6,4kg)
 - Metal (36- and 48-station models): 18 lbs. (8,1kg)



Note: Specifications subject to change without notice.

For more detailed information, contact your local Toro distributor.

Specifying Information

Model	Cabinet	Type
CC—Custom Command Controller	M—Metal Cabinet, Outdoor Mount, Internal Transformer P—Plastic cabinet, Indoor/Outdoor Mount, Internal Transformer	9—9 Stations 12—12 Stations 15—15 Stations 18—18 Stations 24—24 Stations 36—36 Stations 48—48 Stations
Optional CC-PED—Pedestal Mount		

Example: A 12-station Custom Command Controller with an internal transformer, metal cabinet and pedestal mount would be specified as: **CC-M12 and CC-PED**

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Rain Switch

A simple yet powerful conservation tool, the Toro rain switch prevents needless watering by automatically shutting down the irrigation system when it rains. The shut-off point is selectable from $\frac{1}{8}$ " to 1" increments.



Specifying Information

Model Number	Description
850-74	Rain Switch

Universal Hand-held Remote

(Available on 36- and 48-station counts only.)

It will make your life easier. The Custom Command hand-held remote is a powerful tool that offers total convenience. This option gives you the ability to conduct irrigation checks, make program changes and operate your system without opening field satellite enclosures. In addition, only one person is necessary for such function.



Not only a command piece, it also serves as a two-way voice radio, allowing you to communicate with other crewmembers. It's all the power and handiness you need in a small remote-controlled unit.

Features

- Simple command set
- Accesses controller and satellite features from the field
- Two-way voice communication capability
- System On and Off command activation
- Five-watt radio
- 16 selectable and programmable channels
- For use with a Custom Command controller or Sentinel central control system



Specifying Information Hand-held Radio

Model Number	Description
SHHR CC-Remote UNI-Remote	Sentinel Hand-held Radio Custom Command Remote Interface Universal Remote



The Toro Company ▸ Irrigation Division ▸ An ISO 9000-Certified Company
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