OSMAC®

SATELLITE

Convenient. Dependable. Completely Flexible.

The OSMAC irrigation system field satellite combines Toro's expertise in irrigation with Motorola paging technology to create one of the most convenient, dependable and flexible satellites on the market. Employing wireless communication, OSMAC satellites are great for retrofit projects. Six 8-station output cards stretch flexibility even further, allowing you to expand from eight to 48 stations without adding wires or altering hardware. OSMAC is the convenient solution.

- ‣ Completely modular, expands from eight to 48 stations
- ‣ Retrofits existing satellites without adding wires or altering hardware
- ‣ Operates from any location on the project via remote control radio
- ‣ Motorola quality and radio expertise

TORO®

TORO
MODULAR

OSMAC satellites are completely modular, allowing planned expansion from eight to 48 stations. They're the ideal choice for upgrading existing systems — adding wires or altering hardware is unnecessary.

A multi-function hand-held radio provides remote control for easy satellite operation. When used in conjunction with the OSMAC central software and a Toro-specified weather station, system management becomes virtually automatic.

OSMAC satellites increase productivity and give you greater versatility in turf management. With its time-saving features, it provides all essential large turf irrigation functions.

For more information, contact your local Toro distributor.

Features

- Modular solid-state design, expandable up to 48 stations in 8-station increments
- Standard RDR mounting clip, great for retrofitting existing installations
- Pedestal versions available
- Hand-held radio puts satellite control in the palm of your hand
- Multi-function radio allows control and voice transmissions from the same unit
- Runs up to 10 stations simultaneously — from the central or remote control
- Programmable syringe time from 30 seconds to 128 minutes in 30-second intervals

- Optional relay card available
- Electronics built for Toro with Six-Sigma quality by Motorola — the world leader in radio communications
- Enhanced surge protection available for pedestal-mount RDRs

Electrical Specifications

- Input power:
  - 120/240 VAC, 60 Hz
  - 0.07 amps @ 115 VAC, 60 Hz (no load)
  - 0.76 amps @ 115 VAC, 60 Hz (maximum load)
  - 0.09 amps @ 230 VAC, 50 Hz (no load)
  - 0.41 amps @ 230 VAC, 50 Hz (maximum load)
- Station output power:
  - 24 VAC
  - 0.60 amps (14 VA) per station
  - 3.0 amps (72 VA) total
- Station draw:
  - 3 solenoids per station
  - 12 solenoids may operate simultaneously

Mechanical Specifications

- Dimensions:
  - RDR:
    12" W x 6½" H x 4¾" D
    (304.8mm W x 165mm H x 121mm D)
  - Small Pedestal:
    12⅜" W x 41½" H x 8¼" D
    (321mm W x 1054mm H x 209.6mm D)
  - Large Pedestal:
    13" W x 45½" H x 13" D
    (330mm W x 1155.7mm H x 330mm D)

Specifying Information RDR Only

J16	X	O40	X

Configuration	*Frequency*
D—16 Stations B—Expandable (8-Station Base)	1—467.8625 MHz 2—467.8125 MHz 3—467.8375 MHz

For Example:
When specifying an expandable 8-station OSMAC Satellite with a frequency of 467.8125 MHz, you would specify:

J16-B-O40-2

Specifying Information Pedestal-Mounted RDR

DXX	X	X	X	6	X

Configuration	*Cabinet*	*Output*	*Surge Protection*	*Frequency*
RC—16 Stations 24—24 Stations 32—32 Stations 40—40 Stations 48—48 Stations	4—Standard (13 x 8), Galvanized Steel 5—Large (13 x 13), Galvanized Steel 8—Standard (13 x 8), Stainless Steel 9—Large (13 x 13), Stainless Steel	1—Normally-Open Hydraulic 6—24 VAC Electric 8—Normally-Closed Hydraulic	0—Standard 1—Enhanced	1—467.8625 MHz 2—467.8125 MHz 3—467.8375 MHz

For Example:
When specifying a 32-station OSMAC Satellite with a large (13 x13) stainless-steel cabinet, normally-open hydraulic output, standard surge protection and a frequency of 467.8125 MHz, you would specify:

D32-91-062

TORO

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