



Count on it.

# E-Series OSMAC® and OSMAC RDR Systems



## GOLF CONTROLLERS

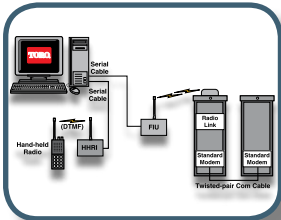
The E-Series OSMAC satellite is easy, economical and expandable. Easy to install, troubleshoot and maintain. Economical because it's priced right from the start and you buy only what you need, when you need it. Expandable to grow as your site conditions change. The OSMAC field satellites utilize paging technology to create one of the most convenient, dependable and flexible satellites on the market. Employing wireless communication, these satellites are great for retrofit projects.



### Features & Benefits

#### LOW COST WIRELESS COMMUNICATION

Ideal choice for upgrading existing systems. No communication wires are needed. Mounts to many existing pedestal bolt patterns.



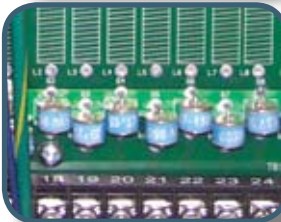
#### EASILY EXPANDABLE

E-Series OSMAC offers up to 64 stations. The OSMAC RDR is expandable up to 48 stations in eight-station increments.



#### ENHANCED SURGE PROTECTION

Provides lower operating costs on E-Series OSMAC and electric OSMAC RDR field satellites. Ideal for high lightning areas.



#### SMART OSMAC NARROW BAND UPGRADE

Includes new capabilities for your narrow-band E-Series and RDR satellite controllers, as well as RDR low-voltage retrofit kits. Working in conjunction with the satellite's firmware, Smart OSMAC provides stand-alone capabilities including multiple start times per program and sequential multi-station functions.



#### LOW VOLTAGE RETROFIT KIT FOR OSMAC RDR

Converts stand-alone controllers to wireless central control. Flow managed and handheld radio control.





# E-Series OSMAC® and OSMAC RDR Systems

## Specifying Information— Wide Band Frequency Modules

N1551-XX			
Configuration	Frequency (Wide Band)		
N1551	XX		
N1551	10—457.5250 MHz	14—467.7500 MHz*	18—467.8500 MHz*
	11—457.5500 MHz	15—467.7750 MHz*	19—467.8750 MHz*
	12—457.5750 MHz	16—467.8000 MHz*	20—467.9000 MHz*
	13—457.6000 MHz	17—467.8250 MHz*	21—467.9250 MHz*

Example: When specifying a frequency module with a frequency of 457.6000, you would specify: **N1551-13**

## Specifying Information—OSMAC RDR Low-Voltage Retrofit Kit

Model Number	Description
RDR0160LVN0	OSMAC RDR Retrofit Kit
NLN3491A	8-Station Expansion Card

## Specifying Information— Pedestal-Mount Satellite, Hydraulic

RDR-XX-P-XX-X-XX					
Description	Configuration	Cabinet	Output	Communication	Surge Protection
RDR	XX	P	XX	X	O
RDR—Field Satellite	16—16 Stations 24—24 Stations 32—32 Stations 40—40 Stations 48—48 Stations	P—Plastic	01—Normally Open Hydraulic 6A—24 VAC Electric	P—Wide Band N—Narrow Band	0—No Surge M4—Full Surge

When specifying a 32-station OSMAC RDR Hydraulic satellite in a plastic cabinet, normally open hydraulic output with narrow-band communication, you would specify: **RDR32P01N0**

## Specifying Information—E-Series Satellites

E-XX-X-6A-X-MX					
Description	Configuration	Cabinet	Output	Communication	Options
E	XX	X	6A	X	MX
E—E-Series Satellite	16—16 Stations 24—24 Stations 32—32 Stations 40—40 Stations 48—48 Stations 56—56 Stations 64—64 Stations	P—Plastic, Green S—Stainless Steel (Painted) T—Desert Sand B—Tree Bark	6A—Electric	N—Narrow Band P—Wide Band	0—No Options 1—Large-capacity Terminal Block w/Standard Surge 2—Large-capacity Terminal Block w/ additional Surge 3—Large-capacity Terminal Block & Switches 4—Large-capacity Terminal Block w/ additional Surge & Switches

Example: When specifying a 32-station, E-Series Satellite with OSMAC Wide Band digital wireless paging, a stainless steel cabinet, electric output, additional surge protection and a large-capacity terminal block, you would specify: **E-32S6APM2**

Note: FCC license required. Frequency modules do not need to be ordered separately. Product shipped with four pre-programmed synthesized frequency modules (462.2125, 462.4375, 467.2125 and 467.4375).  
\* Non-stocking frequencies.

## Electrical Specifications

- Input power: 120/240 V ac, 50/60 Hz
  - E-Series OSMAC
    - 0.20 amps, 110-120 V ac, 60 Hz (no load)
    - 0.96 amps, 110-120 V ac, 60 Hz (max load)
    - 0.10 amps, 220-240 V ac, 50/60 Hz (no load)
    - 0.47 amps, 220-240 V ac, 50/60 Hz (max load)
  - RDR OSMAC
    - 0.17 amps @ 115 V ac, 60 Hz (no load)
    - 0.76 amps @ 115 V ac, 60 Hz (max load)
    - 0.09 amps @ 230 V ac, 50 Hz (no load)
    - 0.41 amps @ 230 V ac, 50 Hz (max load)
- Station output power: 24 V ac; 3.0 amps (72 VA) total
- UL and CE approved

## Optional Accessories

- Wide-band frequency modules (N1551XX) for E-Series OSMAC or RDR
- Low-voltage Retrofit Kit – (RDR0160LVN0) for OSMAC RDR

## Additional Features E-Series OSMAC

- Synthesized decoder modules that can be reprogrammed in the field - new frequency models can store up to 4 pre-programmed frequencies to transition from construction to permanent frequencies (narrow band)
- Stainless steel (painted) and bi-wall plastic cabinet configurations
- Five terminal strip options available
- Colored LED indicators to confirm 24, 9-, and 5-volt power to various boards within the cabinet
- LED's for each station output
- Simple self-testing by sliding a switch - more than eight separate functions can be verified.
- Internal antenna allows for smaller profile cabinet
- Uses automotive fuses
- Patented Hot Post for each eight-station module

## Additional Features OSMAC RDR

- Hydraulic or electric models available
- Runs up to 16 stations simultaneously (from the central or by remote control)
- Hand-held radio
- Multi-function radio allows control and voice transmissions from the same unit
- Programmable syringe time from 30 seconds to 128 minutes in 30-second intervals.
- Optional relay card available
- Pre-wired satellite pedestal models available without RDR control unit for upgrading existing OSMAC systems

## Dimensions

- Plastic Cabinet:
  - 41cm W x 99cm H x 41cm D (17" W x 40" H x 16" D)
- Metal Cabinet:
  - 33cm W x 91cm H x 33cm D (13" W x 36" H x 13" D)
- RDR Large pedestal:
  - 41cm W x 115.5cm H x 41cm D (16' W x 45 1/2" H x 16" D)

## Warranty

- One year