

PRODUCT SPECIFICATION



ORBIT CONTROL STAR PLUS

Expert planning, industry knowledge and innovative engineering have consistently placed Orbit's Star controller at the top of its class. Designed for use in commercial and residential watering systems.

FEATURES

Three independent programs A, B and C
Station timing in one minute increments for precision time requirements using rotary dial 1 minute to 120 minutes
Station timing using slide switches 2 minutes to 120 minutes
Four start times per program.
7-Day calendar specifies watering by day of week
Program Odd, Even and Interval (1 to 32 days) day watering on A, B or C programs
Program "No Watering" by specific day of week, or by daily time period
Master valve/Pump start programmable by individual station.
0 minutes to 9 hour programmable delay between stations.
Semi automatic programmable rain delay from 24-72hours, 4-99 days
Seven operation modes: Auto, Manual, Extra, Test, Rain Delay, Water Budgeting, Off



DISPLAY & USER INTERFACE

Transflective Positive Image LCD
AM/PM or 24 Hour Clock
Station run time adjustment available "at a glance"
Large 12 position programming rotary dial
Station Program indicator "at a glance"
Rain sensor bypass switch

WIRING TERMINAL BLOCK

Convenient screw less terminals accept 0.5mm - 1.0mm
Two common terminals
Pump start terminal
Rain sensor terminal
24vac output terminal
24vac input terminal (indoor model only)



BACKUP & PROTECTION

Built in 10 minute per station default program
Over current protection program skips fault zone and notifies operator on LCD
Non volatile memory program backup
Primary and secondary surge protection
Automatic self restoring electronic fuse
Rain protection (outdoor model) ETL Approved, UL Standard

see over for more specification & models



Specifications Subject to Change Without Notice - Product Drawings / Images are representative only and are subject to change

PERTH

PH: 08 9455 1677
FAX: 08 9455 1680
hrsales@hrproducts.com.au

SYDNEY

PH: 02 9725 5733
FAX: 02 725 5283
infonsw@hrproducts.com.au

MELBOURNE

PH: 03 9457 7500
FAX: 03 9457 7400
infovic@hrproducts.com.au

BRISBANE

PH: 07 3806 0522
FAX: 07 3806 0533
infoqld@hrproducts.com.au

ADELAIDE

PH: 08 8341 0008
FAX: 08 8341 0707
infoa@hrproducts.com.au

ELECTRICAL SPECIFICATION

Input required: 240vac +/- 10%, 50 Hz models

Output: 24vac at 0.6 amps

Valve capacity: one valve plus pump start

TEMPERATURE RANGE

Minimum: 2° C

Maximum: 43° C

MECHANICAL SPECIFICATION

OUTDOOR

Lock Mechanism: Keyed latch, two keys provided

Valve Wiring Access Hole: 33mm with rubber grommet

Primary Power Access: 15mm threaded conduit adapter

Mounting: One tear drop hole, two lower through holes, hardware and template provided

OUTDOOR DIMENSIONS

Height 165mm

Width 235mm

Depth 52mm

Inlet Size 32mm

MODELS	CODE
6 station outdoor, built in transformer, power lead	ORBITPLUS6CD
9 station outdoor, built in transformer, power lead	ORBITPLUS9CD
12 station outdoor, built in transformer, power lead	ORBITPLUS12CD