

## **DE-LUXE SEQUENTIAL IRRIGATION CONTROLLERS**

4 Station, 8 Station, 16 Station, 24 Station, 32 Station and continued in multiples of 8 up to a maximum of 48.

### **Design Concepts:**

1. Application in glasshouse, agricultural and golf course environments.
2. Simple to use.
3. Rapid programme advance facility.
4. AC or DC operation - must be specified on order.
5. Low voltage safe 24v AC outputs.
6. 24 hour or 7 day electro mechanical clock
7. Strong and robust ABS case with hinged waterproof transparent cover (8 and 16 station only).
8. Scratchproof, stain resistant front panel label.
9. Individually timed stations.

### **Technical Specifications:**

1. Integral fused 3-way terminal block connected to a 240v AC 50/60 Hz supply.
2. Safe 24v AC 50/60 Hz to irrigation valves and pump relay. Output rated at 24v AC  
0.8 amp.
3. Adjustable timing range from a minimum of 3 seconds to a maximum of 108 minutes per station.
4. Electro mechanical 24 hour clock with a maximum of 48 starts during the day or,
5. 7 day clock, with "skip a day" facility plus 12 starts during 24 hours.
6. 3 position switch to control the pump, ON, OFF, AUTO.
7. Fused on primary and secondary supplies.
8. LED indication to keep an accurate position of the program.
9. Reset button.
10. Mains On/Off switch.
11. Programme advance switch. Allows the grower to rapidly run through the programme to the desired station.
12. A cable tray mounted LED to indicate a healthy output to the valves.
13. Constant 24v AC or DC output for hand watering.
14. Time base extended to hours. Optional.
15. Low and high output voltage tappings.
16. Remote start facility. Initiation by a soil tensiometer or by push switch.
17. Low reservoir water level inhibit inputs with front panel LED indication.

*ALL CONTROL UNITS ARE SUPPLIED WITH COMPLETE TECHNICAL AND INSTALLATION INSTRUCTIONS.*

*ALL CONTROL UNITS CARRY A 12 MONTH WARRANTY.*

## **STANDARD 4,8 & 16 STATION SEQUENTIAL IRRIGATION CONTROLLERS**

### **FOUR AND EIGHT STATION IRRIGATION CONTROLLERS:**

#### **Design Concepts:**

To provide an economical yet versatile sequential irrigation controller for small commercial horticultural installations requiring a basic system and the keen amateur gardening enthusiast.

#### **Technical Specifications:**

1. Suitable for glasshouse, bowling greens and agricultural environments.
2. Simple to use.
3. Splashproof PVC box.
4. Integral fused 3-way terminal block connected to a 240v AC 50/60Hz supply.
5. Safe 24v AC 50/60Hz to irrigation valves and pump relay output rated at 0.8 amps.
6. Adjustable timing range from a minimum of 3 seconds to a maximum of 108 minutes per station.
7. A highly accurate 24 hour Grasslin clock which allows 48 starts per day.
8. Pump output.
9. Fused on secondary supply.
10. LED station indication to keep an accurate position of the programme.
11. On board LED indication for a healthy supply to the irrigation valves.
12. Constant 24v AC output for hand watering.
13. Low and high voltage output tapings.
14. Remote start facility. Initiation by a cyclic switch, soil tensiometer or by push switch.
15. Low reservoir water level inhibit inputs.
16. AC or DC operation must be specified on order.
17. Reset button.
18. Programme advance switch. Allows the grower to rapidly run through the programme to the desired station.

#### **Additional Options:**

7 day Grasslin clock.

### **SIXTEEN SEQUENTIAL STANDARD CONTROLLER:**

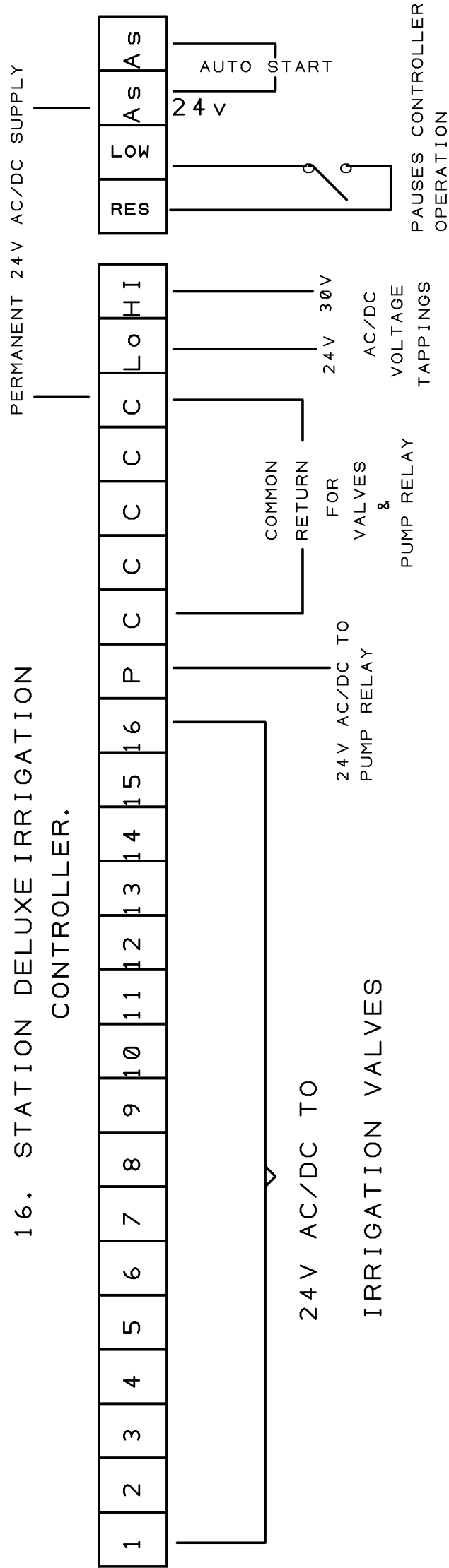
Incorporating all the features of the 4 and 8 station standard controllers but with the additional facility of an end of cycle relay to trigger further 8 or 16 station controllers.

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ALL CONTROL UNITS CARRY A 12 MONTH WARRANTY.*

# ELECTRICAL CONNECTIONS FOR THE

## 16. STATION DELUXE IRRIGATION

CONTROLLER:



1 AMP 1 " CERAMIC  
MAINS FUSE  
LOCATED IN BASE  
OF BOX.

## MAINS CONNECTIONS: —

BROWN TO FUSED LIVE 240V ~

# BLUE TO NEUTRAL

GREEN/YELLOW TO EARTH

STANDARD VOLTAGE TO IRRIGATION  
VALVES AND PUMP RELAY IS 24V AC/DC  
30V AC/DC IS USED FOR LONGER RUNS  
WHERE CABLE VOLTAGE DROP MAYBE A PROBLEM

LINK C TO LO FOR STANDARD SETTING

LINK C TO HI FOR LONG CABLE RUNS

RECOMMENDED CONDUCTOR SIZE 7/0.2MM SQUARED

ENSURE ALL CONNECTIONS ARE FIRM

## AVOID OVERTIGHTENING