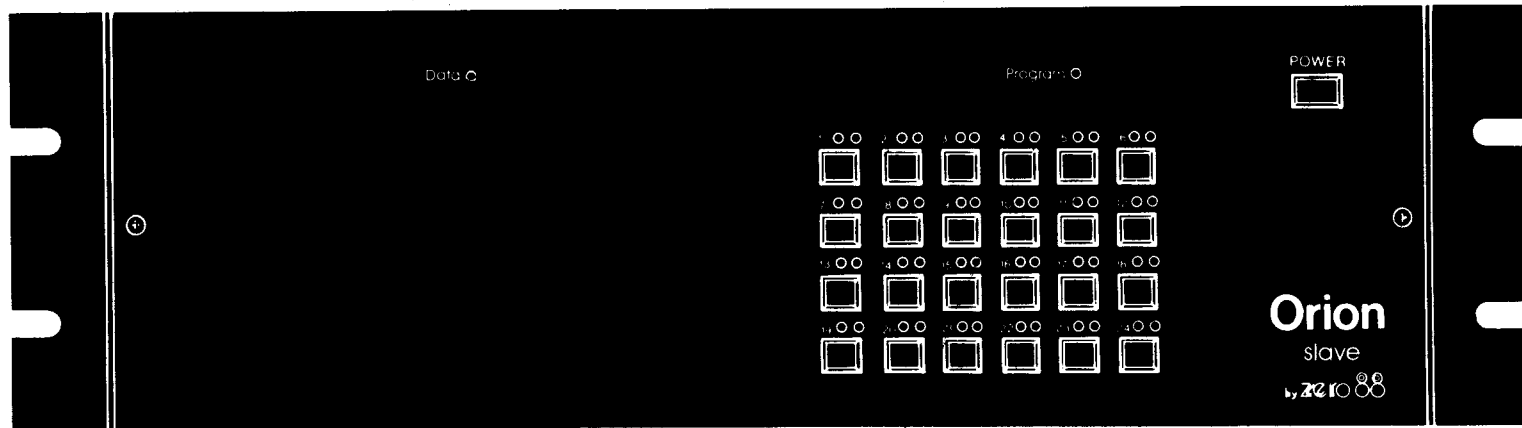


Orion

SLAVE
PROGRAMMING
GUIDE



This booklet presumes that the user is already fully familiar with the Orion.

If not, please work through the Orion Basic and Advanced Programming Guides first.

ORION SLAVE MANUAL | SETTING UP and OPERATION

■ SETTING UP

Connections

Plug one end of the 8 pin DIN lead supplied (marked 'Slave') into the DIN socket on the rear of the Slave; plug the other end into the Orion or into one of the output sockets of an Orion Slave Splitter.

DIL Switch Settings

Check that the DIL switch settings are as shown on page 4 before switching on.

■ OPERATION

All the features of an Orion are available and are used on an Orion Slave with the following minor exceptions:

Programming: If the first step of a chase (or first channel of a memory) is an Orion Slave channel, Add Step MUST be pressed FIRST to create a blank step (page 7 and Basic Programming pages 5, 11 & 18).

Channel Level Display: This feature is not available (Basic Programming page 14).

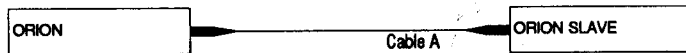
Security Code: Cannot use Orion Slave channel buttons (page 5).

Note: During normal use the data light should be on and remain on. If it is off or does not light, check:

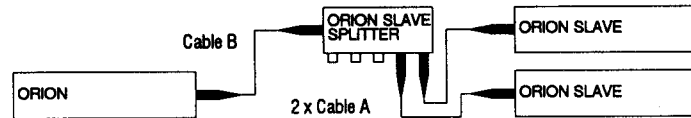
- That the Orion Slave is switched on.
- That the Orion is switched on.
- The connections are properly made.

ORION SLAVE MANUAL | CABLES AND CONNECTIONS

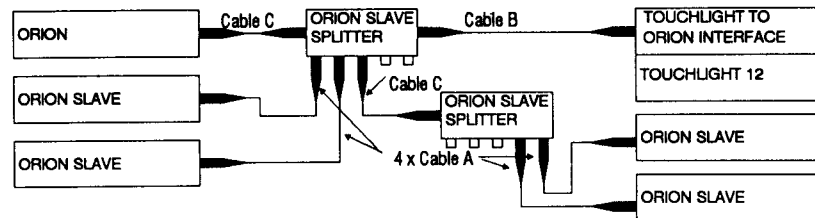
■ SINGLE ORION TO ORION SLAVE CONNECTION



■ SINGLE ORION TO MULTIPLE ORION SLAVES



■ SINGLE ORION AND MULTIPLE ORION SLAVES CONTROLLED BY A TOUCHLIGHT 12



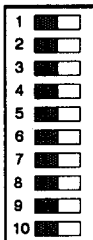
ORION SLAVE MANUAL | CONNECTIONS (contd); SETTING THE DIL SWITCHES

■ SYSTEM EXPANSION

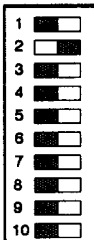
Up to 10 Orion Slave Splitters may be connected to one Orion. With a simple modification, one Slave Splitter can drive 10 further Slave Splitters, giving a theoretical maximum of well over 1000 channels. Up to 12 memories of the Orion system may be directly controlled using a Touchlight and a Touchlight to Orion Interface.

■ DIL SWITCH SETTINGS

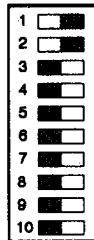
Slave Operation
(Normal Switch Positions)



Memory Dump
(See Separate Instructions)



Test Mode
(See Separate Instructions)



■ CONNECTION NOTES

All the cables necessary to connect an Orion Slave system are supplied with the individual parts.

The Orion Slave is supplied with Cable A (See diagrams opposite); the Orion Slave Splitter comes with Cable B; the Touchlight to Orion Interface includes Cable C.

NOTE: Do not use any other switch settings as they may have unexpected or unpredictable results.

ORION SLAVE MANUAL | TECHNICAL SPECIFICATION

■ POWER SUPPLY

200/265v 50/60Hz or 100/130v, 50/60Hz.

■ OUTPUTS

24 channels (via diodes, maximum output 5ma continuous)

0 to +10v analogue or 0 to +10v switched or 0 to +10v,

10ms pulse (for strobes), 25 pin Cannon 'D' plug

connections: Pins 1-24 are channels 1-24, pin 25 is 0v

■ SIZE

133x90x483mm (5 $\frac{1}{4}$ "x3 $\frac{1}{2}$ "x19")

■ NET WEIGHT

3.5kg (7lb 8oz)

The Orion is designed as a lighting controller and is unsuitable for any other purpose.

ORION SLAVE MANUAL | INSTALLATION NOTES

Use the list below to define and identify the Orion channels for your installation.

Channel No.	Type*	Identification
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

Channel No.	Type*	Identification
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

*Type: Use S for switched, D for dimmed, P (pulsed) for strobes, F for fixed.

■ **HELP!**

If you require further information or assistance please don't hesitate to contact us at St. Albans.

zero 88

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