



LDX21 MANUAL

The LDX21 Fibre Optic Line Driver can be operated in three distinct modes , **master internal clock**, **master external clock** and **slave**.

Mode switch settings :

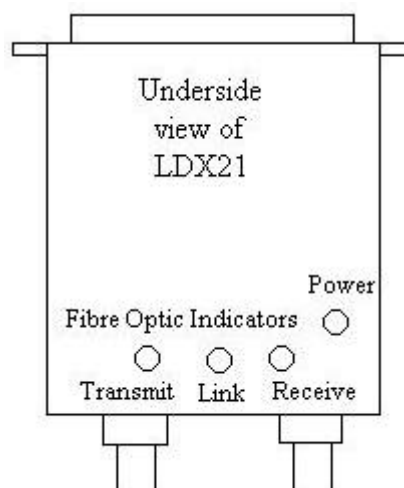
	1	2	3	4	5	6	7	8
Master int. clock	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF
Master ext. clock	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF
Slave	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF

To access switches undo screw and remove lid

The units must be used in pairs. One of the units in each pair must be set up to operate in slave mode (usually the remote unit). The other unit of the pair must be set up to operate as a master and can be set to operate using its own **internal clock** as the system clock or to receive an **external clock** from the system.

Fibre Optic Connection :-

When connecting the fibre optic cables to the unit ensure that the **Tx** of the master is connected to the **Rx** of the slave. The **Rx** of the master connects to the **Tx** of the slave.



Pin Configuration (15 Way 'D' plug)

- 1** Chassis Ground
- 2** Transmit Data (+) Output
- 3** Indicator Signal (+) Output
- 4** Receive Data (+) Input
- 5** Control Signal (+) Input
- 6** Bit Level Clock (+) Input/Output
- 7** Byte Level Clock (+) Input/Output
- 8** Ground
- 9** Transmit Data (-) Output
- 10** Indicator Signal (-) Output
- 11** Receive Data (-) Input
- 12** Control Signal (-) Input
- 13** Bit Level Clock (-) Input/Output
- 14** Byte Level Clock (-) Input/Output
- 15** Not connected

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