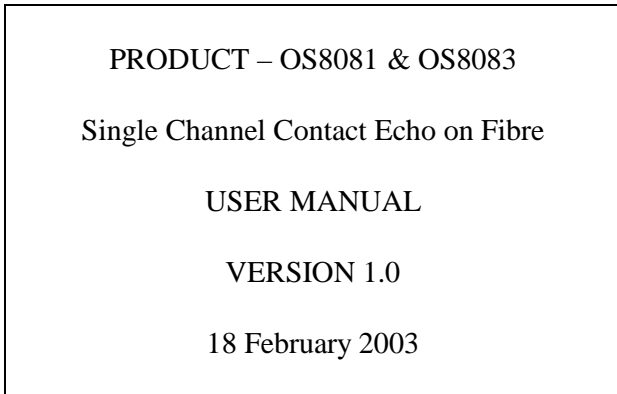


Os8081_u
 Author : W.D.
 Issue 1.0



Product: OS8081 \	Model:	
Serial Number:	JOB No :	
TEST	CRITERIA	RESULT
Power Supply	+5V	
Power Indicator	Functional	
Contact Indicator	Functional	
Echo	Operational	
Optic TX Level	- dB	
Optic RX Level	- dB	
Power Budget	dB	

Date: **Tested By:**

USER MANUAL

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Inspect the packaging for any visual damage.

The manufacturer is not liable for damage during shipment.

3.2 Installation

Before installation commences check the following:

- Input voltage supply rating of the equipment
- Link loss is within the power budget of the equipment

3.3 Fibre Connection

Connect the optic fibres. Make sure of the direction of connection.

The one fibre must be connected to 'TX' locally and 'RX' at the remote side and visa versa.

Be careful not to bend the fibres to sharp.

4 OPERATOR'S INSTRUCTION

The unit needs no operator intervention to function.

5 MAINTENANCE INSTRUCTIONS

No routine maintenance is required on this equipment.

5.1 First Line Maintenance

5.1.1 *Instrument and tools required*

Optic power meter
Multi-meter.

5.1.2 *Maintenance Procedure*

When arriving at a suspect unit it is always necessary to ensure that the unit has been correctly coupled and to note the alarm conditions of the equipment.

First observe the power indicator.

If the power indicator is off, check the supply voltage.

If all these tests have been done and the unit is still not operational the supplier must be notified.

6 SPECIFICATIONS

6.1 Electrical Characteristics

Power Supply

Power Connector -	2 Colour Coded Wires
Supply Voltage -	12VDC
Supply Current -	25mA per Channel

Input/Output Contact

Input Contact-	Optic Isolated Contact Sense
Output Contact-	Relay Contact Normal Open

6.2 Optical Characteristics

Connector -	ST
Transmission	
Wavelength -	850nm
Reception Wavelength -	850nm
Responsivity -	7 mV/μW Typical or 13mV/μW
Fibre Compatibility -	M/M(50/125μm)
Minimum Receive Level -	-30dB

6.3 Physical Characteristics

Overall Unit Dimensions -	Depth - 65 mm
	Width - 31 mm
	Height - 18 mm
Weight -	200g (max)
Power Cable Length-	50mm

7 Notes

8 Contact Details

Email: support@addvid.co.za

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Manufactured by: **Advanced Digital Devices**

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