



# Quick Start Guide Dual LUN Emulator

101-0026-01

05/05/2023

Revision 1

Created from 20-0047-2

## Document History

Revision	Date	By	Description	Released
1	05/05/2023	BM	First draft	



## Notices

### Definition

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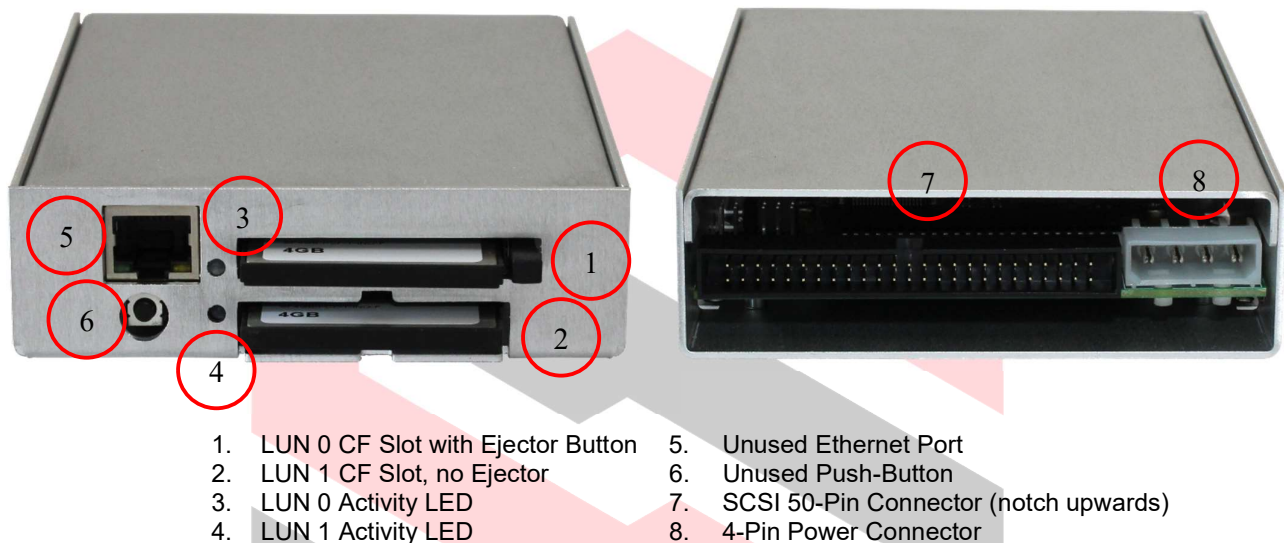
## 1 Overview

This is a guide to the Dual LUN emulator product, with a parallel SCSI interface. It is designed to emulate an Adtron dual PCMCIA based device.

Each LUN is associated with its own CF card, both of which are removable.

## 2 Main Features

The image below shows the main features of the device.



### 2.1 Activity LED Behaviours

When power is applied to the device, the Activity LEDs (3. and 4. above) behave in the following manner.

No Media fitted in Slot	No LED illumination
Media fitted, no activity	Green LED On
Media fitted in slot, SCSI command active	Red LED flashes

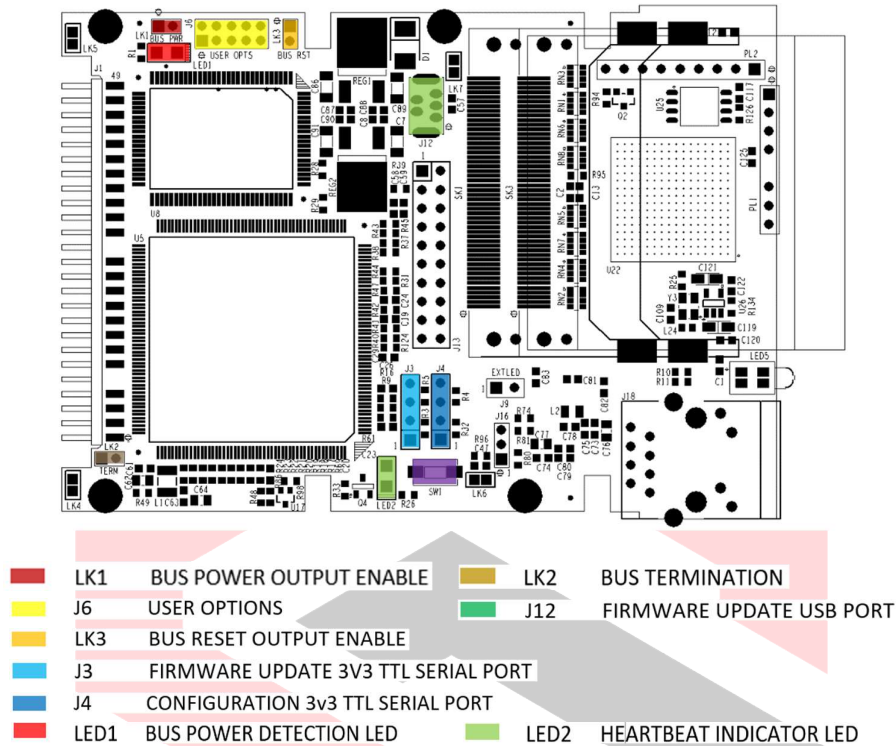
### 2.2 Jumpers and Connectors

The diagram below shows the main jumpers and connectors on the main PCBA board. The main two that may need to be changed depending on the host system SCSI bus configuration are the LK1 and LK2 jumpers.

With LK1 fitted, the emulator supplies TermPwr to the SCSI bus. If LED1 is illuminated when the SCSI connector is attached, but not the power connector, then LK1 is NOT required.

With LK2 fitted, the emulator will terminate the SCSI bus. This must be fitted if the emulator is the last physical device on the SCSI bus and there is no external termination block fitted.

This main PCBA is configured with a SCSI small form factor connector and a separate 50, 68 or 80-pin adapter is required to provide the physical interface to a standard SCSI host.



### 2.2.1 Adapter board and Setting the SCSI ID

The SCSI ID is set on the interface adapter board via a header that provides the standard SCSI connector (50 and 68-pin only as the 80-pin sets the ID via the backplane). The image below shows the position of this header and the pin pairs that are used. This board is set to SCSI ID 0, i.e. no jumper fitted.



Below are some examples of SCSI ID settings:

ID 0 - No Jumpers Fitted	:	:	:	:	:	:
ID 1 - J3-1 Fitted	:	:	:	:	:	[ ]
ID 2 - J3-2 Fitted	:	:	:	:	[ ]	:
ID 3 - J3-1 and 2 Fitted	:	:	:	:	[ ]	[ ]
ID 4 - J3-3 Fitted	:	:	:	[ ]	:	:

