

## Laboratory Cartridge Receptacle



### Applications

- Laboratory Playback of mission data recorded onto XRMM-1XXX Removable Cartridge
- Laboratory Formatting and Setup of XRMM-1XXX Cartridges prior to Mission Data Recording
- General Purpose IEEE-1394b compatible Data Storage unit

### Features

- High-Speed Ground Based Data Playback/ Recording receptacle:
  - Up to 800 Megabits/sec recording interface using IEEE-1394b
- Media Storage receptacle for solid state cartridges:
  - Uses XRMM-1XXX Series Cartridges (XXX = Size in GB)
  - Capacities up to 128 Gigabytes
  - Solid-State Storage Media
- Front Panel LED's Indicate Unit Status
  - Power
  - Cartridge Lock
  - Unit Activity
- Includes Universal AC Input Brick Power Supply with IEC-320 Power Input Receptacle
- Works with any system that supports the IEEE-1394b High-Speed Serial Interface:
  - Rear DB-15 connector supports IEEE-1394b modes and is transformer coupled
  - Cartridge front panel DB-9 connector supports all IEEE-1394a/b modes

### Description

The XMSR-1001-PSL is a Laboratory Media Storage Receptacle that uses IEEE-1394b interface for data playback & recording onto TTC's XRMM-1XXX (XXX = size in GB) series Solid-State Drive cartridges. The receptacle houses a removable data cartridge that can record High-Speed serial data from a high-speed data acquisition system such as TTC's AIM and MUX series products. The receptacle uses standard IEEE-1394b protocol to communicate with the Host System at speeds up to 800 Megabits/sec. The cartridges are removable allowing the recorded mission data to be downloaded in a laboratory environment. The XRMM-1XXX cartridges are directly compatible with TTC's MUX-300XR Series Data Multiplexers and with TTC's XMSR-1001-PS Flight-Rated Data Recorder.

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### XMSR-1001-PSL Datasheet

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Teletronics Technology Corporation  
 15 Terry Drive, Newtown, PA 18940  
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)