

Miniature Solid State Recorder with Removable PCMCIA Memory



Features

- Solid State PCM/Recorder
- Two Versions Available
 - Stand Alone with Internal Power Supply
 - MCDAU/MEDAU Stackable Utilizing the System Power Supply
- Ruggedized for Airborne Applications
- Uses up to 2 PCMCIA Cards
 - Up to 16GB per Slot
 - Removable Data Transfer
- Acquires One PCM Input Channel
 - Data Rates up to 10 Mbps
 - Internal Frame Correlator
- Uses Digital Recording Format
 - Standard File Structure
 - Microsecond Frame Time Tag (Elapsed time or optional IRIG time tag)
 - Simplifies Direct Analysis from Media
 - PCM Regeneration Not Required
- Flexible Control/Status Interfaces
 - RS-232 (Setup/Control/Status)
 - Discrete (Control/Status)
- Compatible with MUX-300x products

Applications

- Flight Test Recording
- Limited Space Applications
- Portable Data Recording System
- Applications requiring Playback/Analysis on a Standard Laptop Computer

Description

The MMSM-100C solid state PCM Recorder is used in demanding applications such as airborne instrumentation recording. Two versions are available the MMSM-100C-ST, a stackable version which utilizes the MCDAU/MEDAU encoder power supply or the MMSM-100C-SA, a standalone version that includes an internal power supply. The unit is configured to handle one high speed serial PCM input at data rates up to 10 Mbps. A frame correlator decommutates the PCM data for direct file-structure recording. Plug-in PCMCIA cards are available with capacities up to 16 GB. The unit is programmable via serial RS-232. Control/Status is also provided. Acquired data can be analyzed/archived on a standard PC.

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MMSM-100C-SA/ST 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