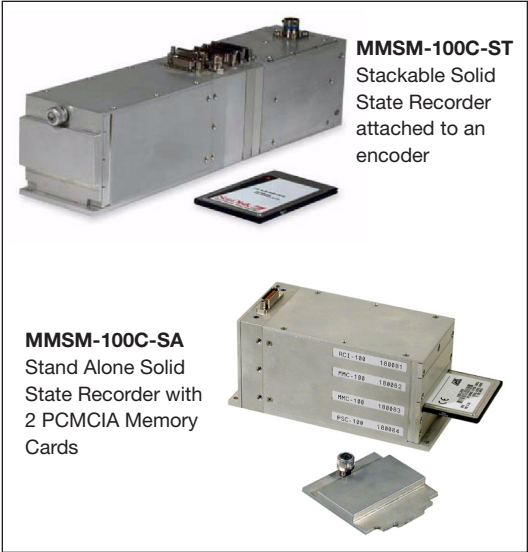


**Miniature Solid State Recorder with Removable PCMCIA Memory**



**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 2GB per Slot
  - Removable Data Transfer
- Acquires One PCM Input Channel
  - Data Rates up to 5 Mbps
  - Internal Frame Correlator
- Uses Digital Recording Format
  - Standard File Structure
  - Microsecond Frame Time Tag
  - Simplifies Direct Analysis from Media
  - PCM Regeneration Not Required
- Flexible Control/Status Interfaces
  - RS-232 (Setup/Control/Status)
  - Discrete (Control/Status)

**Applications**

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

**Description**

The MMSM-100 solid state PCM Recorder is used in demanding applications such as airborne instrumentation recording. Two versions are available the MMSM-100ST, a stackable version that works with TTC's MCDAU and MEDAU encoders, and the MMSM-100SA a stand alone version that includes an internal power supply. The unit is configured to handle one high speed serial PCM input at data rates up to 5 Mbps. A frame correlator decommutates the PCM data for direct file-structure recording. Plug-in PCMCIA cards are available with capacities up to 2GB. 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-100-SA/ST Datasheet**

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