

RMSR-2006-PSB-1

**CURTISS-
WRIGHT**

Rack-Mounted Fibre Channel Data Playback Unit

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Key Features

- Data playback
 - + 1 Gigabit/sec optical fibre channel interface
 - + Supports arbitrated loop connections
- Integrates six media storage bays
 - + Operates with one or six media cartridges inserted into the system
- Accepts all TTC MSC-XXXX solid state media cartridges and supports legacy cartridges
- Uses digital recording format
- Supports SCSI compatible media addressing
- IRIG Chapter 10 interface compatible
- Rackmount chassis for ground support
- Requires the use of a host PC with a 4 Gbit optical fibre channel PC host card
- Front panel LED indicators for recorder status
- 115/230VAC power supply

Applications

- Ground support transfer of stored data
- Preparing data cartridges for recording

Overview

The RMSR-2006-PSB is a 19 inch 5U rack mount unit that integrates six media storage bays and supports file download from Curtiss-Wright's MSC solid state based recorder media cartridges. The RMSR-2006-PSB facilitates ground support playback and transfer of recordings acquired and archived on MSC-0xxx-FS and MSC-0xxx-SS media cartridges that are based on an electrical Fibre Channel Arbitrated Loop interface at data rates up to 1Gbps.

In addition, the RMSR-2006-PSB provides media cartridge hot swap capability. The use of the media cartridge interlock latch and corresponding interlock signal is used to internally gate power to the individual media slots. All functionality is supported by TTC Media Manger, which allows the customer to access, copy, delete, and declassify data on the installed media cartridges (declassify feature based on installed media capabilities). The user is able to individually address and control any of the media cartridges within the six (6) slots of the unit.

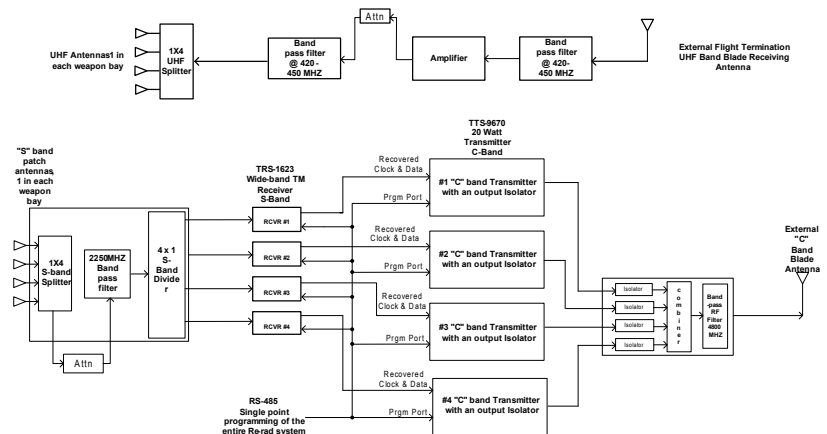


Figure 1: RMSR-2006-PSB-1 system block diagram

Specifications

Environmental

- Temperature:
 - + Operating: 0°C to +55°C
 - + Storage: -40°C to +70°C
- Humidity: 0-100% RH, condensing
- Service life: 1200 hours

Electrical

- Input power: 115/230VAC, 50/60 Hz autoranging
- Power consumption: 65W maximum

Dimensions and Mechanical

- Dimensions (W x L x H)
 - + 19.00 x 22.61 x 8.72" (482.6 x 574.3 x 221.5 mm)
- Unit connectors: AC receptacle, DB9MM, fibre optic LC

RMSR-2006-PSB-1 Data Playback

- Basic configuration: Data read through fibre channel arbitrated loop. Storage capacity is based on the size of plug-in media cartridges.
- Status: Front panel status LEDs show: activity, lock, and fault
- Control: TTC recorder control software provides access to data

MSC-XXXX-FS/SS Media Cartridge

- Configuration: Removable solid state cartridges
- Solid state capacity: Versions are available for 92 GB, 136 GB, and 276 GB
- Download: Data can be recovered using the fibre channel I/F or an optional download unit

Ordering Information

Contact [Curtiss-Wright](https://www.curtisswright.com) for ordering information