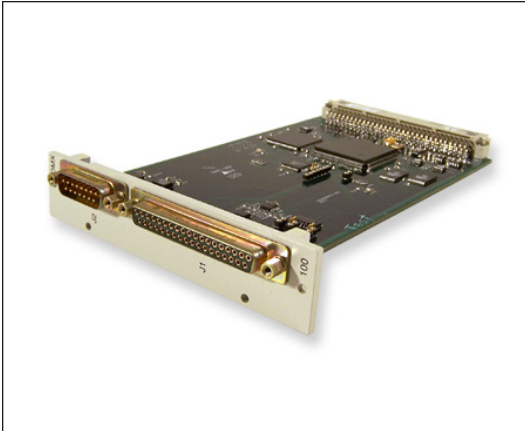


### Demultiplexer Board



#### Applications

- Ground based reconstruction of multiplexed serial data streams
- System integration
- Embedded asynchronous data

#### Features

- Overhead demultiplexer board for the RMOR-2000 unit
- Operates as the frame correlator/demultiplexer of the incoming data stream
- Parses out data to output boards for PCM, video, analog, voice, and other data types for real-time analysis
- Works with all signals that are multiplexed by the MARM-2000 unit
- Supports data rates up to 20 Mbps
- Programmable interleaver format
- Automatic format switching for up to 8 formats
- Includes RS-232 port for RMOR-2000 setup
- This board is required in the RMOR-2000 for proper operation
- Microsoft Windows application software included

#### Description

The DMX-100E demultiplexer board provides the central demultiplexer function for TTC's Rack Mount Output Reproducer (RMOR) series products. The board is used with various output boards (e.g. SOC-102 and DVC-101D) to regenerate PCM, video and other types of data channel outputs for real-time analysis, recording or post-mission playback purposes. The DMX-100E card is fully compatible with the signals that are multiplexed using TTC's Miniature Adaptable Real-time Multiplexer Unit (MARM-2000). The DMX-100E's interleaver format and channel block characteristics are programmed by the user using TTC's Microsoft Windows application software called Interleaver Setup Software (ISS). The DMX-100E supports a maximum aggregate data rate of up to 20 Mbps.

Revision 05/11/2015

#### DMX-100E Datasheet

©2015 Teletronics - A Curtiss-Wright Company  
 Specifications subject to change without notice.

Approved for Public Release 15-S-2569



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

Teletronics - A Curtiss-Wright Company

15 Terry Drive, Newtown, PA 18940

phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

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