

DVC-201M-SA

1-Channel MPEG-2 Video and Audio Decoder in Stand-Alone Box

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WRIGHT**

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Key Features

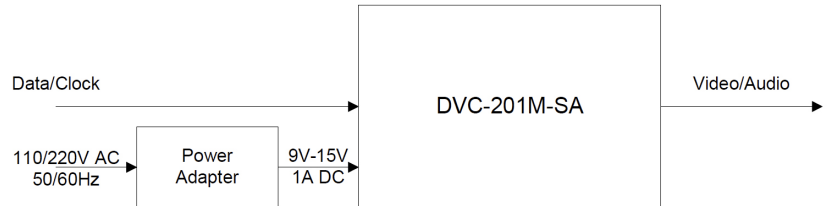
- Stand alone MPEG-2 video and audio decoder
- Regenerates one channel of compressed MPEG-2 video and audio
- Fully compatible with Curtiss-Wright's CVC-101M, MCVC-101M, MVID-201M and VID-201M video compression products

Applications

- Ground-based reconstruction of MPEG-2 video and audio
- System integration

Overview

The DVC-201M-SA is a 1-channel output board for use in stand-alone box. The board can regenerate one channel of MPEG-2 decoded video and stereo audio.



DVC-201M-SA Functional Block Diagram

Specifications

General

- Supply current: +9V @ 0.6A
- Power consumption: 5 watt maximum

Dimensions and Mechanical

- Weight: 18 oz (500 grams))
- Dimensions: 12.5" x 4.75" x 1"
- Connectors: PCM output - DBM25SD; video output - BJ3157; audio output - 3.5mm stereo phone jacks
- Mating connectors: PCM output - DBMA25P; video output - PL3155-29; audio output - 3.5mm stereo phone plugs

Audio Output

- Balanced output level: 750 mv (RMS)
- Maximal load: 3000 Ohm, 50 pF

Audio Format

- Description: MPEG-1 audio layer 2 (MP2), MPEG-1 audio layer 3 (MP3), linear PCM

Video Output

- Composite output level: 1.0v P-P
- S-Video output levels: Y= 1.0v P-P; C = 0.7v P-P
- Impedance: 75 Ohms all video outputs

Demultiplex

- Protocol: ISO/IEC 13818-1; MPEG-2 transport stream; video/audio/control/status

Video Format

- Description: MPEG-2 main profile @ main level; YUV422 profile @ main level

Ordering Information

Please contact [Curtiss-Wright Defense Solutions](#).