

DMX201A

De-multiplexer for embedded audio

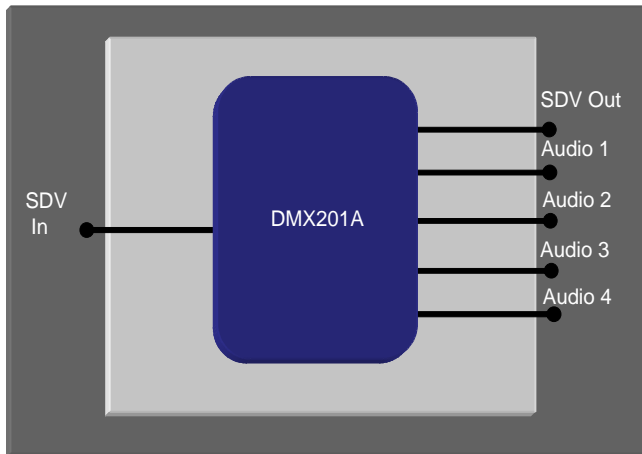
INSERTERS

SWITCHES

CONVERSION

KEYERS

MIXERS



Extracts embedded audio from SDI

Four channels (line level) out

Ideal for monitoring

Power fail bypass relay



The Microvideo DMX201A module extracts audio that has been embedded into Serial Digital Video (270Mb/s), conforming to SMPTE272M-A. It produces four channels of analogue audio at balanced line level and can extract from any of the four audio groups.

The DMX201A is part of our Series 200 range of products. These can be mounted in a 1U or 3U frame. All the modules in the Series 200 range are eurocard size and plug into the front of the frame for easy access.

MicroVideo

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Technical Information

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- Inputs:** Serial digital (270Mb/s) with reclocked loop through to EBU Tech 3267-E and SMPTE 259M containing embedded audio to SMPTE 272M-A.
- Outputs:** SDI: Active loop through (with power fail relay bypass) output on BNC.
Audio: Four channels of balanced analogue audio at standard line level (0dBm = 18dB of full scale). All on a single 15 way D-Type. Precision adjustment of level for individual channels on the board.
- Control:** DIP switches Select which group is extracted from.
Select channels (1 & 2 or 3 & 4) to convert to analogue for monitoring.
LEDs indicate SDV input presence.
Presence of embedded audio on SDV.
- Physical:** Eurocard size module for mounting in our 1U or 3U frames.
- Power usage:** 8W
- Frames:** Up to 6 modules will fit in a Microvideo 1U frame and 15 in a 3U frame.
- Ordering:**
- | | |
|---------|--|
| DMX201A | De-multiplexer module for AES/EBU digital audio |
| FR1U-20 | 1U rack mounting frame for series 200 cards (dual PSU) |
| FR3U-10 | 3U rack mounting frame for series 200 cards (single PSU) |
| FR3U-20 | 3U rack mounting frame for series 200 cards (dual PSU) |

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