

DMSD01



CONEXER SD DVB-T Modulators

- AV to DVB-T digital modulators
- Generates digital SD channel for Freeview™ tv sets and STB's
- Channel name edit and LCN function
- Single, Twin and quad input models
- RF loop through

PRODUCT RANGE...

- DMSD01 - single input SD DVB-T modulator
- DMSD02 - twin input SD DVB-T modulator
- DMSD04 - quad input SD DVB-T modulator

TECHNICAL SPECIFICATION

	DMSD01	DMSD02	DMSD04
Video Inputs:	CVBS	CVBS	CVBS
Input level:	0.7-4Vpp	0.7-4Vpp	0.7-4Vpp
Impedance:	75ohm	75ohm	75ohm
Standard:	PAL/NTSC	PAL/NTSC	PAL/NTSC
Audio Inputs:	0.5-2.5Vpp	0.5-2.5Vpp	0.5-2.5Vpp
Video Compression:	MPEG2	MPEG2	MPEG2
Video bitrate:	5-12Mbits/s	5-12Mbits/s	5-12Mbits/s
Audio Compression:	MPEG I Layer II	MPEG I Layer II	MPEG I Layer II
Audio bitrate:	128, 160, 192, 224, 256, 320, 384Mbits/s	128, 160, 192, 224, 256, 320, 384Mbits/s	128, 160, 192, 224, 256, 320, 384Mbits/s
DVB Processing Table Insertion:	PAT, PMT, SDT, NIT	PAT, PMT, SDT, NIT	PAT, PMT, SDT, NIT
Configuration:	Ch name, SID, LCN, Net Name, TSID, ONId, NID, NIT, PID, PMT, Video & Audio PID		
Video Output	DVB-T 1 channel	DVB-T 2 adjacent channels	DVB-T 2 adjacent channels
Carriers bandwidth	2K/8K - 6/7/8MHz->35dB	2K/8K - 6/7/8MHz->35dB	2K/8K - 6/7/8MHz->35dB
Output Frequency	47-862MHz - 80dBμV (0/-29dB)	47-862MHz - 80dBμV (0/-29dB)	47-862MHz - 80dBμV (0/-29dB)
Insertion Loss	>2dB	>2dB	>2dB
Constellation	QPSK/16QAM/64QAM	QPSK/16QAM/64QAM	QPSK/16QAM/64QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, /32	1/4, 1/8, 1/16, /32	1/4, 1/8, 1/16, /32

Input power: 100-240V/ 0.5A/50-60Hz Output: 5V/4A

