



AV-COFDM digital modulator

4 in RCA

art. 07-894/A
MD4 SD



Stand-alone stereo device which allows modulation of 4 audio/video signals (from SAT receivers, cameras, DVD players, etc.) in a COFDM digital channel.

Being multiband allows the modulation of the output channel in the VHF or UHF band. The AV signals are digitized, encoded in MPEG2 and modulated in COFDM. Ability to set the LCN for each remodulated channel.

User interface via LCD display and control keypad for basic configuration and USB connection for PC programming.

Realized in a shielded housing equipped with an AV input with RCA connectors and an automixing RF output with screw F-type connectors.

Code	07-894/A	
Item	MD4 SD	
VIDEO		
No. inputs	4	
Video Input	CVBS	
Resolution modes	PAL / NTSC	
Compression	MPEG2	
AUDIO		
Audio Input	Stereo L / R	
Compression	MPEG1, Layer II	
ENCODING		
PID	PAT, PMT, SDT, NIT	
Configuration	Channel and Network name, SID, TSID, ONID, NID, Audio and Video PIDs	
MODULATION		
Carriers	2K	
Guard interval	1/4, 1/8, 1/16, 1/32	
FEC	1/2, 2/3, 3/4, 5/6, 7/8	
Constellation	QPSK, 16QAM, 64QAM	
OUTPUT		
Output channel	1	
Channel name	Max 15 characters	
LCN	n°	1÷1023
COFDM standard	DVB-T	
Output frequency	MHz	174+230 + 470+862
Output level	dBuV	70÷90 (±2)
Bandwidth	MHz	7, 8
MER	dB	> 31
Connectors	Screw F-type	
CONTROL		
Control and programming	USB port for pc programming	
GENERAL		
Dimensions (LxWxH)	mm	135×200×100
Packaging dimensions (LxWxH)	mm	180×260×160
Packaging weight	Kg	1,6
Power supply	Vdc	5
Max consumption	W	< 9
Fit temperature	°C	0÷45
SUPPLIED POWER UNIT		
DC connector	mm	2,1
AC mains	100÷240V~ 0,5A, 50÷60 Hz	
Delivered voltage and current	5Vdc 4A	

Example of application

