



AV-COFDM digital modulator multiband stereo selfpowered - 4 in RCA

**art. 07-894
MD4 RCA**



Stand-alone stereo device which allows modulation of four audio/video signals (from SAT receivers, cameras, DVD players, etc.) in a single 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 MP@ML and modulated in COFDM.

Ability to set the LCN for each remodulated channel. Reprogrammable many times as necessary.

User interface via LED display and selection knob for basic configuration and LAN connection for remote programming via PC.

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

Code	07-894	
Item	MD4 RCA	
VIDEO		
Inputs	no.	4
Inputs format	CVBS	
Formats specifications	MPEG-2 Video (ISO/IEC 13818-2) MPEG2 MP@ML	
Video resolution	PAL 576i / NTSC 480i	
Connectors	RCA (75 Ohm)	
AUDIO		
Inputs	no.	4
Inputs format	Stereo L / R	
Formats specifications	MPEG-1 Audio Layer II (ISO/IEC11172-3)	
Connectors	RCA (10K Ohm)	
MODULATION		
Standard	DVB-T (ETSI EN 300 744)	
Bandwidth	MHz	6, 7, 8
Carriers	2K, 8K	
Constellation	QPSK, 16QAM, 64QAM	
Guard interval	1/4, 1/8, 1/16, 1/32	
FEC	1/2, 2/3, 3/4, 5/6, 7/8	
Channel	no.	1
Output frequency	MHz	174÷230 + 470÷860
Output level	dBuV	75÷90
MER	dB	>38
SYSTEM		
PID	PMT, Video, Audio, PCR	
Channel name	15 characters	
LCN	no.	1÷999
Configuration	Channel and Network name, NID, ONID, PDS, TS ID	
CONTROL		
Control and programming	3 characters LED display and selection knob	
LAN interface	10/100 M Ethernet Telnet	
GENERAL		
Dimensions (LxWxH)	mm	40x235x244
Packaging dimensions (LxWxH)	mm	360x285x88
Packaging weight	Kg	1,75
Power	Vdc	10,5 ÷ 13,0
Max consumption	W	25
Fit temperature	°C	0÷60
SUPPLIED POWER UNIT		
AC mains	100-240V @50Hz	
Delivered voltage and current	12Vdc 2A	

Example of application

