Data sheet



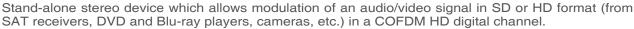


AV-COFDM digital modulator

Example of application

multiband stereo selfpowered - 1 in HDMI-RCA

art. 07-899 MD HD-RCA



The format of the AV input signal can be either CVBS component video or HDMI.

To each of the two types match as many types of connectors: RCA in the first case and HDMI in the second. In case of simultaneous connection of both inputs, the modulator will give priority to the HDMI one.

Being multiband allows the modulation of the output channel in the VHF or UHF band.

The AV signals are digitized, encoded in H.264/AVC (MPEG4) and modulated in DVB-T HD.

Connect to the output of the modulator only HD TV or HD digital terrestrial receivers.

Ability to set the LCN. Reprogrammable many times as necessary.

User interface via LCD display and control keypad for basic configuration.

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

Code		07-899
Item		MD HD-RCA
VIDEO		
Video Input		Composite Video, HDMI
Resolution modes		up to 1080p@30Hz
Compression		H.264/AVC
PC resolutions		800x600, 1024x768, 1280x600, 1280x720, 1280x768, 1360x768, 1366x768
AUDIO		
Audio Input		Stereo, HDMI
Compression		MPEG-1 Audio Layer II (ISO/IEC11172-3)
ENCODING		
PID		PMT, Video, Audio, PCR
Configuration		Channel and network name, NID, ONID, PDS, TS ID
Output channel		1
Channel name		Max 15 characters
LCN	no.	1÷1023
MODULATION		
Carriers		2K, 8K
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		
COFDM standard		DVB-T
Output frequency	MHz	174÷230 + 470÷860
Output level	dBuV	75÷90 (±2)
Bandwidth	MHz	6, 7, 8
MER	dB	>36
Connettors		Screw F-type
CONTROL	,	
Control and programming	,	LCD Display and 5 buttons
GENERAL		
Dimensions (LxWxH)	mm	150×150×36,5
Packaging dimensions (LxWxH)	mm	277x220x88
Packaging weight	Kg	0,99
Power supply	Vdc	12
Max consumption	W	8
Fit temperature	°C	0÷60
SUPPLIED POWER UNIT		
DC connector	mm	2,1
AC mains		100÷240V~ 1A, 50÷60 Hz
Delivered voltage and current		12Vdc 1A

Sistemi di ricezione TV e SAT

















21-094 E5/E12Y6 26-489 FB4/25 V-4-5-U MONITOR SPEED+ 35B HD SPEED+ 47Z HD IN VHE IN UHF IN 4 IN 5 to the distribution 07-899 MD HD-RCA 12Vd IN HDMI IN Video audio I audio R HD decoder

security camera

Rev. 2 09.2016

DVD player



SAT decoder