

912 TV-SAT AND MODULATOR EQUIPMENT

DIGITAL MODULATOR 2XAV DVB-T



Code : **9120194**

Model : **DM-102**

Description

Digital modulator designed to generate a digital terrestrial TV channel in DVB-T from one or two audio/video signals. Programmable using PC software and a wireless programmer.

Applications

Collective digital terrestrial TV installations where it is necessary to generate an entire DVB-T channel which contains one or two services generated locally from SAT receivers, DVD or videosurveillance cameras. Compatible with all collective TV installations since the channels are distributed throughout the terrestrial band: BI, BIII, BS and UHF.

Characteristics

Outstanding quality of the generated output channel. Audio/Video signal inputs via 3.5 mm mini-jack connectors. Zamak chassis with metal side covers. F-type connectors. Supplied with diplexing and multiplexing bridges.

CODE		9120194	
MODEL		DM-102	
A/V input			
Number of inputs		2	
Input connector		A/V minijack	
Video input signal		CVBS	
Video input standard		PAL/SECAM/NTSC	
Video input level	Vpp	MPEG-2/H.262 (ISO/IEC-13818-2 MP@ML)	
Resolution		PAL/SECAM: 720x576 @25fps NTSC: 720x480 @30fps	
Audio input level	Vpp	0,3 - 1	
Audio codification	dB	MPEG-1/Layer 2 (ISO/IEC-11172-3)	
COFDM modulator			
TV system		DVB-T / DVB-H DVB: EN 300744	
Output offset	MHz	-1/6, -1/8, 0, +1/8, +1/6 DVB-T	
Mode		2K, 8K, 4K (DVB-H) DVB: EN 300744	
Modulation		QPSK, 16QAM, 64QAM DVB: EN 300744	
F.E.C.		1/2, 2/3, 3/4, 5/6, 7/8 DVB: EN 300744	
Guard interval		1/4, 1/8, 1/16, 1/32 DVB: EN 300744	
MER	dB	39 ±2,0	
Output RF			
Output connector		F female	
Frequency range	MHz	47-862	
Frequency step	MHz	0,25	
Output level	dBμV	80 ±2,0	
Output level adjust	dB	20	
Bandwidth	MHz	8, 7, 6, 5 DVB-H	
Through loss in the mixture	dB	0,9 ±0,1	
General features			
Power supply	V~	+3,3	+5,2
	mA	1050	835
Operating T close equipment		-10..+65	
Room T with / without fan		-10..+55/+45	
Protection index		IP30	
Units per packing		1	
Packing weight	Kg	1.22	
Packing dimensions	mm	270 x 170 x 38	