

P.E.A TV

DIGITAL TELEVISION

Digital Modulator

Model:DM-02TH

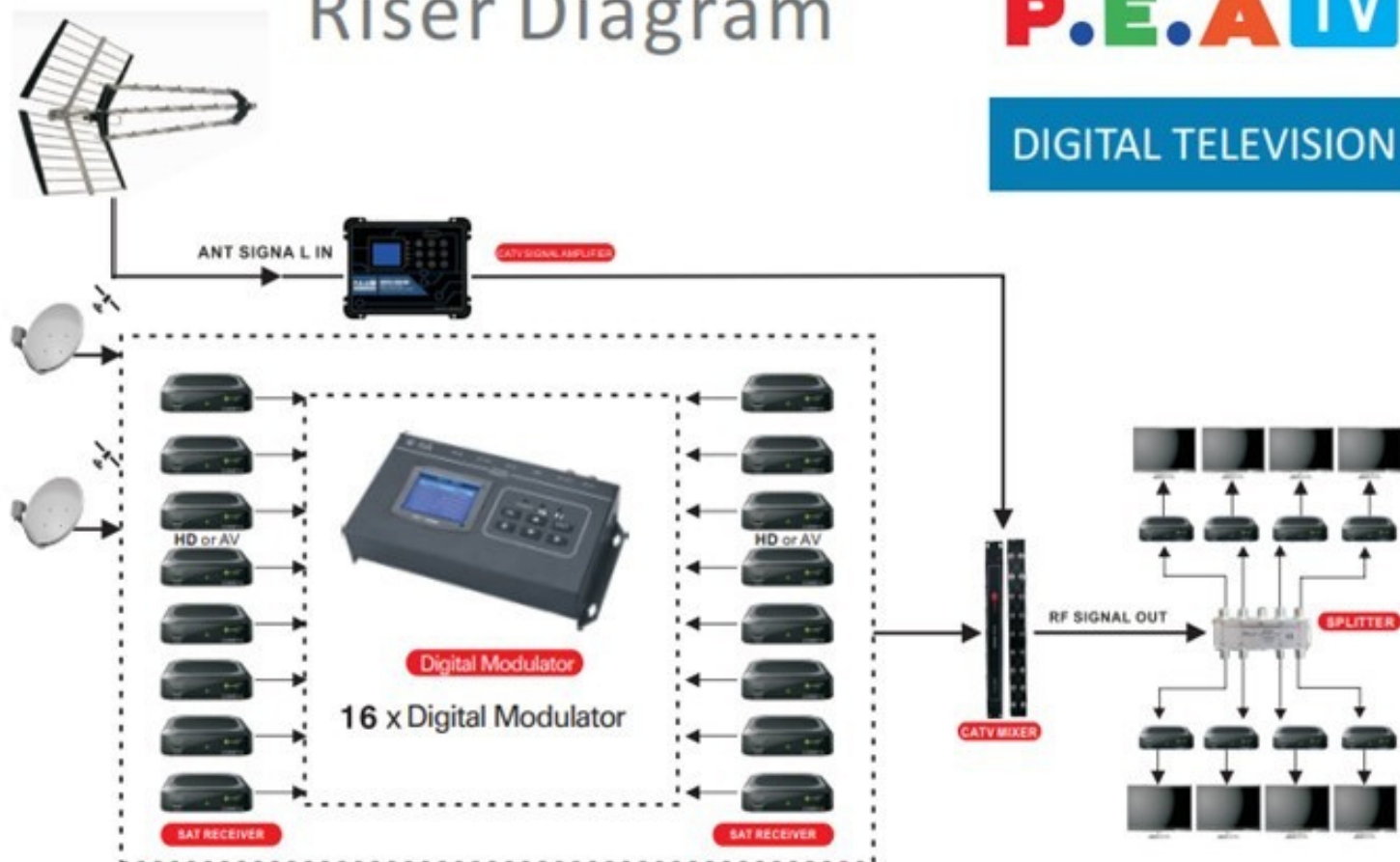
Output Frequency: 142.5~946 MHz

Power Input: DC 12V $\approx$ 2A



Digital Modulator

Riser Diagram



DM-02TH

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HDMI Encoding Section		
Video	Encoding	MPEG-4 AVC/H.264
	Resolution	1920*1080p@60, 1920*1080p@50, 1920*1080i@60,
		1920*1080i@50, 1280*720p@60, 1280*720p@50
	Aspect ratio	16:9, 4:3
	Bit rate	1.000~18.000 Mbps
Audio	Encoding	MPEG1 Layer II
	Sample rate	48KHz
	Bit rate	64, 96,128, 192, 256, 320kbps
CVBS Encoding Section		
Input		PAL, NTSC
DVB-T Modulator Section		
Standard		DVB-T COFDM
Bandwidth		6M, 7M, 8M
Constellation		QPSK, 16QAM, 64QAM
Code rate		1/2, 2/3, 3/4, 5/6, 7/8
Guard interval		1/32, 1/16, 1/8, 1/4
Transmission Mode		2K, 8K
MER		≥31dB
RF frequency		50~950 MHz
RF output level		-31~+6dBm
System		
Upgrade		USB
Power supply		DC 12V
Operation temperature		0~45° C