



Agile TV modulators

VSB TV modulators

- frequency agile vestigial sideband TV modulators
- LED display and push buttons control of internal microprocessor
- non-volatile channel memory
- PLL crystal stabilization of carriers frequency
- adjustable RF output level and audio input level
- loop through RF combining
- low level harmonics and intermodulation products
- built-in test pattern generator
- connectors:
video/audio - type RCA socket
RF - type F

MT32

standards: B/G/D/K/Au/I/L

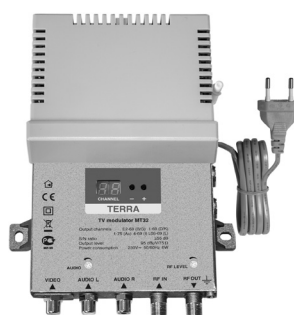
MT32C

standards: B/G/D/K/Au stereo A2, I/L mono

MT31

standards: G/K/I/L

NEW



CABRIO LINE



Technical specifications

T Y P E		MT32	MT32C	MT31
Ordering number		14803	14804	14801
Video input	frequency range	20 Hz - 6 MHz		
	level/impedance	1 V $\pm$ 0.1 V/75 Ω		
Audio input	frequency range	20 Hz - 15 kHz		
	level adjustment	0 $\div$ 7 dB	$\pm$ 6 dB by 2 dB step pr.	
RF output	level/impedance	775 mV/10 k Ω	2x775 mV/10 k Ω	
	level (typical)/impedance	95 dB μ V/75 Ω	70 $\div$ 80 dB μ V/75 Ω	
	level adjustment	0 $\div$ -15 dB	0 $\div$ -10 dB	
	output channels according channels charts pr.	B/G/D/K/Au/I/L	B/G/D/K/Au stereo A2, I/L mono	
	frequency range pr.	45-862 MHz		470-862 MHz
	Sound subcarrier frequency pr.	5.5 MHz, 6.0 MHz, 6.5 MHz		
Second sound subcarrier frequency pr.		-	5.742 MHz*/6.258 MHz**	-
Fine tuning range of video carrier frequency pr.		$\pm$ 2.25 MHz max. by 0.25 MHz step		
Combining through loss		2.5 dB		
Frequency range of RF combining		45-862 MHz		
A/V ratio pr.		12/16 dB		
Amplitude modulation depth, typical		81 %		
Signal/noise ratio, weighted		$\geq$ 55 dB		
II, III order intermodulation distortion		< -60 dB		
Power consumption		230 V~ 50/60 Hz 5.5 W	230 V~ 50/60 Hz 6 W	230 V~ 50/60 Hz 4 W
Operating temperature range		-10 $^{\circ}$ $\div$ +50 $^{\circ}$ C		10 $^{\circ}$ $\div$ +40 $^{\circ}$ C
Dimensions/Weight (packed)		135x180x52 mm/0.74 kg		133x73x39 mm/0.36 kg

* B/G/Au stereo A2

** D/K stereo A2

pr. software control