

Multistandard VHF/UHF TV modulator

The MAW-201 modulator generates double sideband, mono sound TV channels of the systems B/G/D/K/I/L/M/N/Australia.



Appropriate use with TV satellite receivers, VCR's and video cameras



Connection of stereo sound sources



Potentiometers for settings

Main features

MODEL		MAW-201
REF.		3031
Video input	Frequency range Level / Impedance	20 Hz - 6 MHz 1 ±0.1 V / 75 Ω
Audio input	Frequency range Level adjustment Level / Impedance / Deviation *	20 HZ - 15 Hz 0 ... 7 dB 2x 775 mV RMS / 10 kΩ / 50 kHz*
RF output	Level (typical) / impedance Level adjustment Frequency range (programmable)	85 dBμV / 75 Ω 0 ... -20 dB 45 - 84 MHz ; 170 - 300 MHz ; 470 - 862 MHz
Selectable TV system		B/G/D/K/H/I/L/M/N/AUSTRALIA
Number of outputs		(1F) RF + (3 RCA) video/audio R-L
Number of inputs		(1F) RF
Sound subcarrier frequency (programmable)		4.5 MHz ; 5.5 MHz ; 6.0 MHz ; 6.5 MHz
Fine tuning range of video carrier frequency (programm.)		± 2.25 MHz max. by 0.25 MHz step
Combining through loss		2.5 dB
Frequency range of RF combining		45 - 2150 MHz (TV+IF)
Video frequency response		± 1 dB
A/V ratio (programmable)		12/16 dB
Amplitude modulation depth, typical		81 %
Signal/noise ratio, weighted		≥ 55 dB
Supply voltage limit values, power consumption		198-250 V~ 50/60 Hz 3 W
Operating temperature range		-10 °C ... +50 °C
Dimensions/Weight (packed)		133 x 73 x 39 mm / 0.36 kg

* Available to set standard deviation ± 50 kHz of sound carrier when input level 340 mV±775 mV in both audio inputs.

General description

- The MAW-201 modulator generates double sideband, mono sound TV channels of the systems B/G/D/K/I/L/M/N/Australia.
- Appropriate use with TV satellite receivers, VCR's and video cameras.
- Possible connection of stereo sound sources. L and R signals are summed by the modulator itself.
- Panel potentiometers for audio modulation and RF output level settings.
- Indoor mounting.

Installation example

