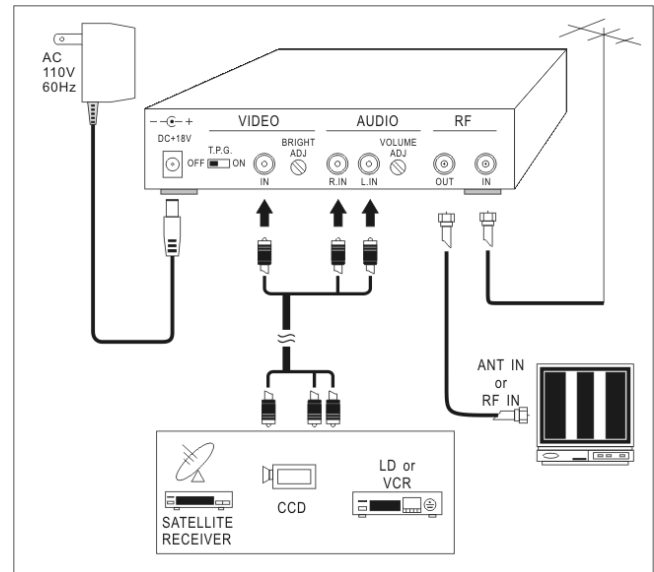


# TV Modulator

The OM-16x series are high quality and high technical audio / video modulator of mini type. Use the DIP-SW to set channel, so you can easy and precise to select any one channel. Other frequency ranges can be made in accordance with your request.

## Features:

- All IC Circuit Designed.
- PLL Controlled RF Modulator.
- Can Adjust The Output Channel.
- Simulation Stereo Input (R+L)
- Suitable For The Home Distribution.
- Audio Pre-Emphas Is Circuit Designed.
- Build-In Amplifier To Compensate Transmission Loss.



Specification	OM-164U	OM-166	OM-168x	OM-169U	OM-169V
Frequency Range(MHz)	470~860	54~870	see the model	110~250	470~860
TV System	NTSC-M or PAL-G/I/K	NTSC-M or PAL-B/G/I/K	NTSC-M or PAL-B/G/I/K	PAL-G or NTSC-M	PAL-B or NTSC-M
Audio Sub-Carrier	4.5MHz or 5.5MHz or 6.0MHz or 6.5MHz (depend on TV system)				
RF Output	IEC 169-2 (female) or F (female) @75Ω (optional)				
Output Level	75dBuV	75~105dBuV Adjustment	70dBuV.	73dBuV	73dBuV
Video Input	3 x RCA jack 1Vp-p @75Ω	RCA jack or F-Female / 0.7 to 2Vp-p @1KΩ			
Audio Input	3 x 3.5mm stereo jack 1Vp-p @10kΩ	RCA or 3.5mm stereo jack / 0.5 to 4Vp-p @30KΩ			
Power Requirement	9VDC 300mA	230VAC or 120VAC (optional)			
Net Weight(w/o Adaptor)		0.50Kg	0.45kg	0.23kg	0.23kg
Dimensions (W/D/H mm)		104x90x29	140x95x35	114x98x33	114x98x33

※ Model OM-168x series for NTSC-M system: OM-168L 54~89MHz / OM-168M 120~174MHz / OM-168H 174~210MHz / OM-168S 210~300MHz / OM-168U 470~560MHz

※ Model PM-168x series for PAL-B/G/I/K system: PM-168L 54~89MHz / OM-168M 118~174MHz / OM-168H 174~230MHz / PM-168S 230~300MHz / OM-168U 470~550MHz