

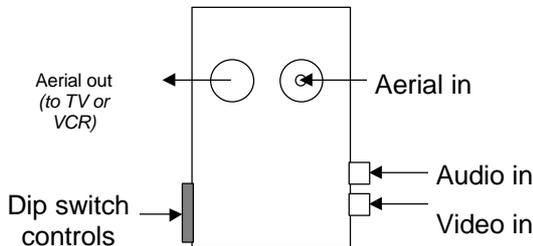
RF WIDEBAND THROUGH MODULATOR

PRODUCT OVERVIEW

The RF Through modulator enables a camcorder, security camera, VCR or other device with AV (audio video) output to be connected to the aerial socket of a television. If required, it can be permanently connected into the RF aerial downlead. The AV signal can be positioned on any vacant RF channel between 21 and 69. This means for example, that the signal from a security camera could be introduced into the aerial lead and viewed as easily as any other broadcast signal.

INSTRUCTIONS FOR USE

Connect the "audio out" and "video out" sockets from the source device to the sockets marked "audio in" and "video in" on the modulator. (N.B. for stereo devices with two sockets for audio out, use the left channel output only). Connect a co-ax lead from the "RF out" socket on the modulator to the TV aerial socket. If required connect the existing co-ax lead into the "RF in" socket on the modulator. Finally connect a suitable power supply (see specification below). *Please note that the modulator may be positioned anywhere in the aerial downlead that you find convenient, be it in the loft or on the skirting board etc.*



Dip Switch Control settings

Switch no's	On (down)	Off (up)
8	Test signal on	Test signal off
7	Pal I (UK)	Pal G (Europe)
1 – 6	Control the UHF output channel. The channel number will equal 20 plus the value of the switches selected. For example switches 1 & 4 in the on (down) position would give a UHF channel of 29 <i>switch 1 = 1, switch 4 = 8, plus 20</i>	

**All values:- switch 1 = 1, switch 2 = 2, switch 3 = 4
switch 4 = 8 switch 5 = 16 switch 6 = 32**

Next switch on the camcorder (or other device) that you have connected to the modulator and switch it into play. Select a vacant station number on the TV, and tune the TV until the picture becomes clear. (Refer to TV instructions for correct procedure). Please note that the modulator may be set to any UHF channel between 21 & 69, although not all TV's will tune within such a wide range. If you are having difficulty tuning in, check that you have not set the output too high or too low for your TV. When you have adjusted the output channel you will need to re-tune the appropriate TV channel again, and check each channel in turn to make sure that there is no interference. Once this tuning procedure is complete it should not need to be altered again.

Power requirements	By external supply to DC input socket, (2.1mm centre positive) 9V DC unregulated or 12v DC regulated @ 200mA or greater.
PAL system	Pal I (UK, Hong Kong & South Africa) or PAL G selectable
Video Level	Factory set for video level of 1v pp.
Modulation level	Factory set for 75%.
Audio sub-carrier	6.0MHz for PAL I or 5.5MHz for PAL G
RF Channel	Dip switch selectable from UHF channel 21 to 69.

Optional accessories Order Code

RF output lead 1M	KLD46
AV input lead 2M	KLD44

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