

TUNING UHF CHANNEL

Select an unused channel on the TV/VCR in use. Set the desired UHF output channel following the instructions on previous page ensuring switch no. 8 is ON (this will operate the on screen tuning aid). Tune a spare channel on your TV/VCR following the instructions supplied with your TV / VCR until the test signal is clear (two vertical white lines on black background). Now the test signal can be switched off (switch 8 off) and the camera Picture will be displayed on the screen. If there is any interference on any of your TV channels it is possible that you are transmitting over an existing channel. Please select another channel on the modulator and retune your TV/VCR.

SPECIFICATION

Time & Date Generator

Operating Voltage	12V DC
Current Consumption	100 mA (Max)
Camera input signal	1V pk-pk
UHF Output Signal	PAL I & PAL G
UHF Output Range	Channel 21 to 69
UHF Gain	3dB
Operating Temperature	0° - 40°
Weatherproofing	IP30 (indoor use only)
Size (Exc cables)	120mm x 67mm x 40mm
Total package weight	250g
Carton size	315mm x 173mm x 64mm

WARRANTY

This product has a **1 Year parts** and labour warranty. In the unlikely event that you encounter a problem with this product, it should be returned, carriage paid, to the address shown below or to the place of purchase. Products covered by the warranty will be repaired free of charge. A small charge will be made for units not within the warranty.

TECHNICAL SUPPORT

If you have any questions regarding any of our products, please phone our helpline on **09066 191 133***.



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*Helpline calls cost 60p/minute. Open 9am to 5pm, Mon to Fri.
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INSTALLATION INSTRUCTIONS

CT210

Wideband TV Modulator

**Thank you for purchasing the CT210 Wideband TV Modulator.
Please read these instructions carefully before starting the installation.**

PRODUCT FEATURES

12V dc operating voltage for simple and safe wiring.
Compatible with all Voltek Camera systems and also any camera with a 1v pk-pk Scart or Phono output.
Selectable Channels (Wideband 21 to 69).

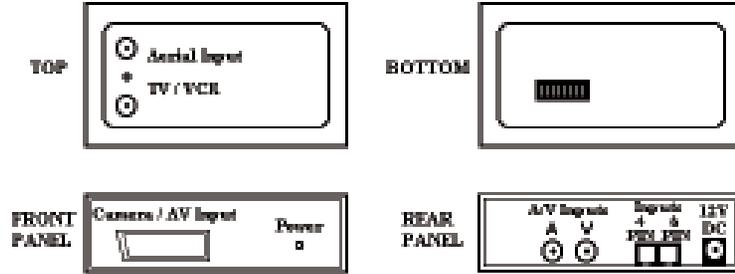
CONTENTS

Please check and identify all the parts before proceeding with the installation.

- Wideband TV Modulator.
- Aerial lead.



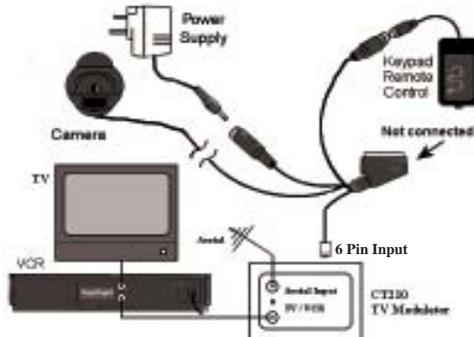
CONNECTIONS



INSTALLATION

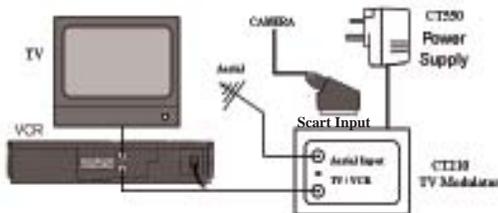
The TV Modulator must be used indoors. Typical locations would be near to your TV or in the loft near your TV Aerial or Aerial distribution amplifier. There are 3 different connection methods, please choose the method which best suits your requirements.

Method 1 Connecting to a Voltek Camera

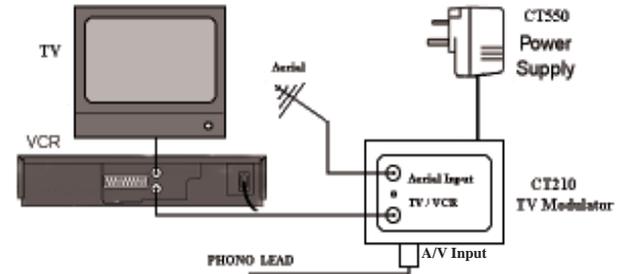


Plug the RJ11 (telephone type connector) from the camera into the 6 Pin input connector on the Rear panel of the CT210. The power is supplied to the TV Modulator through the camera cable. There is no need to plug a separate power supply directly

Method 2 Connecting to other manufacturers equipment with Scart plug connection



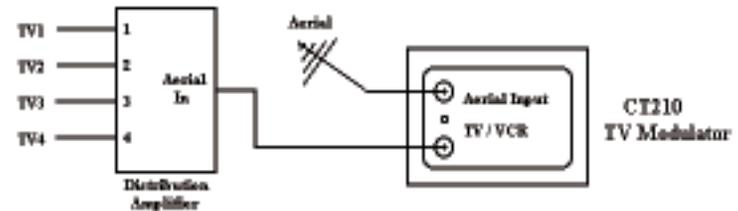
Method 3 Connecting to other manufacturers equipment with phono plug connection



Plug the phono connectors into the A / V IN on the rear of the CT210.

MULTIPLE TV INSTALLATION

By using a distribution amplifier the television and camera pictures can be distributed to several television sets throughout your building.



SETTING UHF CHANNEL

SW1-6 = UHF channel adjustment (21-69)

The exact UHF output channel is selected by using a combination of the dip switches (1 to 6) on the bottom of the modulator. Each switch has a value (as printed on the panel), when a switch is switched ON the corresponding UHF channel is selected + 20.

For example:	SW 1 ON Gives	20 + 1	UHF CH21
	SW 5 ON Gives	20 + 16	UHF CH36
	SW 5 & 1 ON Gives	20 + 16 + 1	UHF CH37

Using this method of switch selection enables any individual UHF channel across the entire UHF frequency band to be accurately set.

SW 7 =	PAL/G Audio (ON for UK, OFF for Europe)
SW 8 =	Test Bar Signal tuning aid.