

The CCT210 is a mains powered video amplifier that can improve a video signal on longer cable runs. When used with the RG59 type cable, runs of over 200 metres can easily be achieved. This amplifier has the added benefit that it can help with ground loop problems caused by different '0V' levels in a system.



Features

The CCT210 is a mains powered video amplifier for boosting the video on long cable runs. If it is not possible to locate the video amplifier next to the camera, this mains operated unit can be operated from the control equipment end, although this is not as effective as positioning it at the camera end. The power on LED in the switch, will light when power is applied. This video amplifier can be connected to video cameras, multiplexors, VCRs and DVRs etc.

Setting Up Unit

There are two BNC connectors on the back of the unit. Connect input from camera to the IN BNC connector. Now connect the cable from the monitor/DVR to the OUT BNC. Connect amplifier to 220v ~ 240vAC mains and switch on power switch on the amplifier.



With both Gain controls set fully anti-clockwise, turn the HF GAIN control clockwise until a colour picture is displayed (if colour camera). Now adjust the GAIN control (left) to get the best video picture.

If the HF GAIN does not produce a colour picture, then turn both gain controls fully anti-clockwise and move the GAIN control a short distance. Then adjust the HF GAIN control to display a colour picture. Continue moving the GAIN control in short steps and adjusting the HF GAIN to get the best picture.

CCT210	Technical Specifications
Video Input Channel	1 Channel BNC
Video Output Channel	1 Channels BNC
Maximum HF Gain	20dB
Frequency	1Hz – 15MHz
Gain Control	Adjustable
Power Supply	220v ~ 240v AC
Dimensions (mm)	155(w) x 215 (l) x 48 (h)

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Troubleshooting

No Video Signal

1. Check power LED is lit. If not check power supply.
2. If connecting equipment such as quads, multiplexors, VCRs or DVRs these may reduce signal strength.
3. Avoid transmission distances in excess of 200 metres which may cause video signal degradation.

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