

Features

- Simple three wire connection
- Tube type design can be mounted in a drilled hole
- Small overall size
- Preset with nothing to adjust
- Easy to fit 12V operation
- Low cost

The CCT626 is a low cost audio microphone. It can be used to add an audio to a CCTV camera or system, its cylindrical design means that the microphone can easily be mounted in a pre-drilled hole or similar aperture.

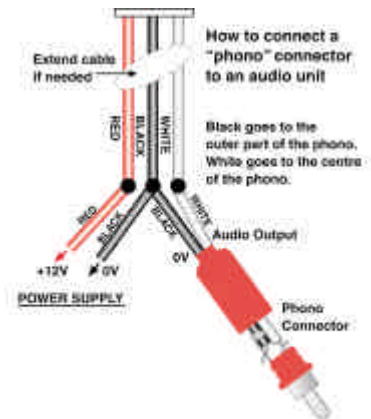
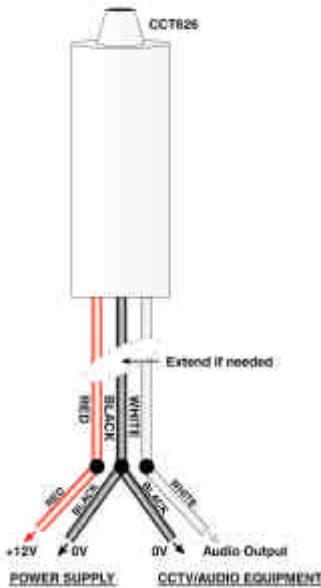
**How to connect the CCT626.**

The CCT626 has three wires coming out of it.

The red wire is for 12V D.C and the black wire is for 0V or ground. The white wire carries the audio signal from the microphone into the “audio-in” of the other equipment. The Black wire is used as a “common ground” for both the power and the audio signal.

You would typically connect the microphone as in the diagram on the left.

If you are connecting an audio phono connector on to the cable you would connect the white core to the centre of the phono and the black core to the outer “ground” of the phono. Obviously use the colours that suit however you have extended the CCT626’s short lead. The diagram on the right shows the phono connector.

**Fault Finding**

The CCT626 is a pretty simple product and is therefore very reliable. If the product doesn’t work you need to check all your connections are as per the instructions as you have probably got one of the connections incorrect.

Problem – Poor sound quality

Answer 1 – Please check you have all the connections correct.

Answer 2 – Make sure the cabling run is not too long, as the audio signal will deteriorate with length of cable run.

Answer 3 – Make sure you have a good quality cable to send your audio signal down.

Answer 4 – Too much background noise such as traffic will “drown out” speech as the microphone is not selective as to what it picks up!

Problem - Buzzing noise on the audio

Answer 1 – Could be caused by using a poor quality or unregulated power supply. Your PSU *must* be regulated.

Answer 2 – Poor or bad ground (0v connection) for the audio circuit, you must wire as per the diagrams.

Problem – No sound

Answer 1 – Could be connected wrong, please check.

Answer 2 – No power to the unit – please check.

Answer 3 – If you connect the power to the wrong leads of the CCT626 you may cause damage to it that is not covered under guarantee.

Specifications

Sensitivity / Gain	Pre-set
Frequency response	60 – 5500Hz
Output Impedance	600 ohms (approx)
Power Requirements	12V 20ma
Dimensions	Dia. 14mm x L45 mm
Operating Temperature	0°C - 40°C