

### Please Note

These "Technical Tips" help sheets aim to answer commonly asked questions in a concise and informative manner - they are for advice & guidance only and do not replace any of the manuals or other literature supplied with our products.

### Tip Classification

1. PTZ EQUIPMENT
- 2.

**Product : TARDIS**

**Problem : What are the PTZ protocols for the CCT767 and a Tardis**

### Solution :

The CCT767 is supplied with a decoder card that automatically will work with Pelco D and Pelco P without any dip switch alterations on the CCT767 decoder card DIP switch. The decoder card "automatically" works out what protocol (D or P) is talking to it and sets its self to the same. By default the Baud rate is preset a 4800 and we recommend that you leave it at this. The default address is set at "1". The address can be altered by the DIP switches but obviously if there is only one dome there is no need to. The baud rate too can be altered by the DIP switch on the decoder card but there is no reason to do so.

When connecting the CCT767 to a video Tardis you need to set the Tardis up to Pelco-D, Baud rate 4800 and address 1. If you have more than one CCT767 attached to the Tardis you need to set each address differently by altering the DIP switch on the CCT767 decoder card. By setting the Tardis to Pelco-D you can also control "presets" that have been saved to the dome by the keypads, type CCT786 and CCT768. You can not currently enter presets to the dome via the Tardis (or DVR365) alone and would need a keypad for this feature.

It is possible to use the keypad and Tardis at the same time with the Data cables effectively connected in parallel. To do this the Tardis and the Keypad need to all be on the same Pelco-D protocol at the same baud rate 4800. You can't "mix and match" these settings to use the DVR and Keypad at the same time.

If Pelco-D does not work JEC is a more basic version of Pelco-D and is worth trying but it would lose the preset option.

The Video Tardis will not control the CCT767 via Pelco-P at this moment.

The Video Tardis has a D connector on the rear of it for the PTZ data connection and its alarm connections. The PTZ data connection connects to Pins 11 and 12. Most D connectors are marked at the rear next to the solder pins to help identify pins 11 and 12. Pin 11 is RS485 A (or +) and pin 12 is RS485 B (or -). It is not always true but A is often Brown and B is white for colour coding.



Figure 1



Figure 2