

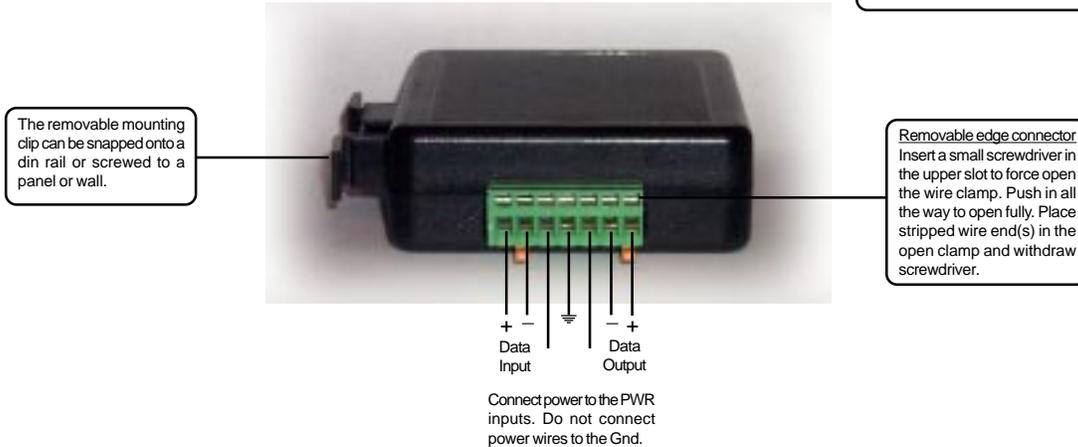
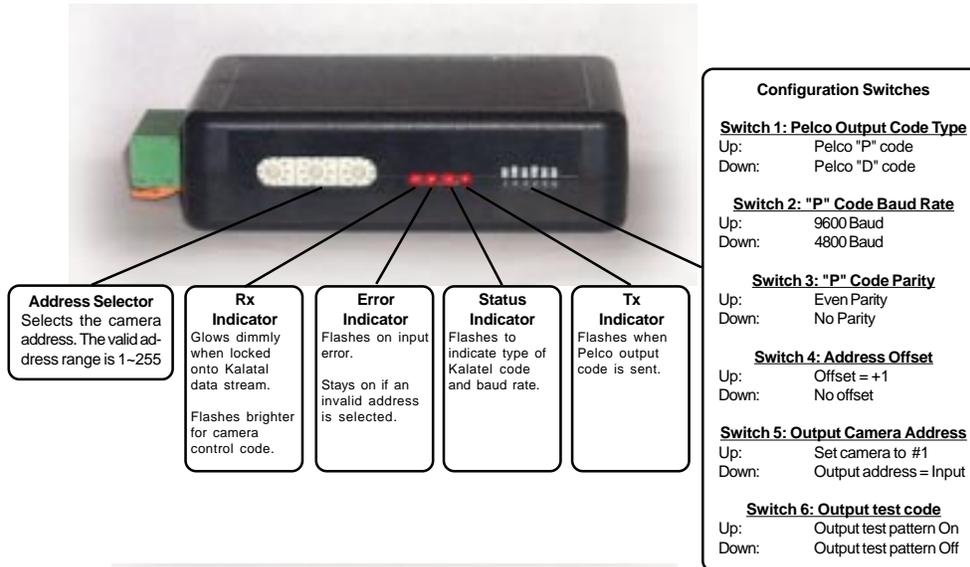
SCT-100-Kalatel-Pelco

Kalatel RS-422 to Pelco RS-422 Code Translator Ver 2.2

The code translator converts Kalatel camera control code to Pelco RS-422 code for a single P/T/Z. Only camera commands for the address matching the Address Selector switches will be converted.

Input Kalatel code type and baud rate is detected automatically. Pelco output can be either "D" code at 2400 baud, or "P" code at 4800 or 9600 baud.

A test mode sends a continuous square movement pattern to the P/T/Z so the wiring and addressing between the translator and the P/T/Z can be checked without a Kalatel controller.



SPECIFICATIONS

Size: 4.5" x 3.5" x 1.25"
 Weight: 0.5 lb
 Power: 9~15Volt AC or DC at 75ma
 Environmental: Indoor use only

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NOTES

Addressing

Only camera control code for the camera number set by the Address Switches is converted.

Set switch 4 On if controller sends data addressed to one number lower than the camera number selected.

If switch 5 is On, the output code is always addressed to camera # 1. Otherwise, the output code address is determined by the Address Switches

Indicators

Even when not controlling a camera, Kalatel sends a continuous stream of data which the code translator automatically locks onto. Once locked, the **Status** LED will flash the type of code found. First, it flashes twice for Digiplex II or three times for Digiplex III. Then it will flash either twice for 2400 baud or four times for 4167 or 4800 baud.

While locked, the **Rx** LED will glow at a low level and flash whenever camera control data appears. If the input wires are reversed, the Rx LED will be on bright.

Input code errors will cause the **Error** LED to flash. If the address switches are not set to a valid address (1~255), the **Error** LED will light continuously.

The **Tx** LED flashes once for each Pelco packet sent.

OPERATION

PTZ

The code translator converts pan, tilt, zoom, focus and iris commands directly.

Speed

Pan and tilt commands from variable speed Kalatel controllers are converted to proportional Pelco speeds. If the code translator detects Digiplex II, it assumes that the controller is not variable speed and assigns a speed to the pan and tilt commands

For fixed speed controllers, setting switch 4 enables autospeed. The camera will start moving at a low speed, then progressively speed up if the pan or tilt command is sustained. The higher speed will be maintained if the directions are reversed without a pause. If the movement is paused, the speed reverts back to the starting speed.

Presets

Kalatel has a maximum of 63 presets. Pelco uses presets from 80~99 for special commands. In order to access these functions, the code translator adds 40 to all preset numbers from 40 and up. Thus to access dome configuration menu using Pelco command [Pgm preset 95]. from the Kalatel controller send [Pgm preset 55].

Tours

Kalatel run tour command is converted into Pelco run pattern command.
Newer domes can record patterns from the configuration menu

Aux 1

Kalatel Aux1 or Open command is converted to Pelco Aux1 On command.
Kalatel Aux2 or Close command is converted to Pelco Aux1 Off command.
(Aux1 On activates wiper on Pelco Esprit.)