

# Application Note

## akP-t / r

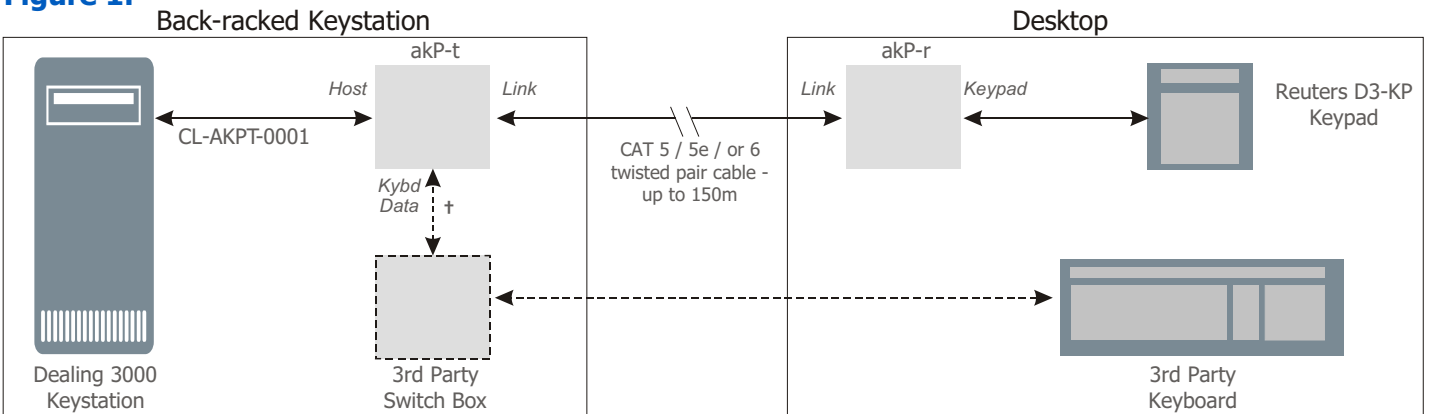
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### Overview

Amulet Hotkey's akP - t and akP - r keypad extender system is able to interface a Dealing 3000 keystation to a Reuters keypad and a third party device.

The connectivity of the third party device is via the akP-t transmitter, an intelligent switch that is used to pass data from both the third party device and the Reuters keypad to the Dealing 3000 keystation. All data from the Dealing keystation is sent to both the third party device and the Reuters keypad.

**Figure 1.**



### Connection and Installation

- The keypad must be dedicated to a single Dealing 3000 keystation.
- Detach the keyboard cable<sup>†</sup> from COM1 of the Dealing 3000 keystation and attach it to the Kybd Data port on the front of the akP-t.
- The on-lines (keep-alives) must be supplied to the Dealing 3000 keystation by the keypad and must be switched off on the third party device\*.
- The only data allowed from the third party device is keycodes (when a user presses a key); the third party device must not transmit, wait or respond to any keyboard initialisation commands.
- Dealing 3000 alerts can be seen and heard on both the third party device and the Reuters keypad. However, the user may wish the alerts to only be shown and heard on one device.

\* **ON-LINES MUST NEVER BE TRANSMITTED FROM BOTH THE 3<sup>RD</sup> PARTY DEVICE AND THE REUTERS KEYPAD.**

### DIP Switch Settings

There are four DIP switches on the underside of the akP-t.

1. Indicates the keyboard protocol between the third party switch box and the Dealing 3000 keystation.
2. Allows the user to either drop or pass the keypad data to the Dealing 3000 keystation when the keyboard is not focussed on Dealing.
3. Reserved for future expansion.
4. Selects (flash) ISP mode for akP-t firmware upgrades.

**FACTORY DEFAULT SETTING FOR ALL DIP SWITCHES IS OFF.**

### LEDs

- There are two LEDs on the front panel of the akP-t. The one on the left is the power and mode LED; on the right is the activity LED.
- The power / mode LED will illuminate orange if the keyboard is focussed on Dealing and red if it is focussed elsewhere.
- The activity LED illuminates green when there is keypad activity, red for keyboard activity and orange when there is keypad and keyboard activity at the same time.
- There are two LEDs on the akP-r, one on the front panel and one on the back panel.
- The LED on the front illuminates red to denote power.
- The LED on the back flashes green when data from the Dealing keystation is being received by the keypad.

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