

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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450i & 450





- Generic keyboard (HID) device no additional drivers needed
- Factory configured to encode telephone or calculator format numeric keypads
- Output code table can be customised using the USB Configuration Utility (available for free download from www.storm-interface.com)
- 450i version includes an integrated power supply and provides colour and brightness control for keypad illumination (where fitted)
- 450i version features a piezo sounder for optional key press confirmation or status signal
- Simple connection via a USB Mini-B socket
- Compact, self contained form factor Compatible with most Storm 4, 12 and 16 key format keypads (including Storm 700, 720,1000, 2000, 3000, GFX and PLX product series)

USB 2.0 Keypad Encoder

This self-contained device is ready to use. It can be easily attached to the rear surface of most Storm keypads to provide connectivity and communication with USB compatible host systems. Factory configured for standard numeric data entry, this versatile device can also be user programmed to output alternative key codes; making the 450 Series Encoder the ideal keypad interface for most applications.

Features

- Direct connection to keypad via integral 0.1" pitch, square pin, female connector (included)
- Connection to host system via cable fitted with USB Mini-B male connector (supplied separately)
- Integral cable tie anchor points to secure

Compliance (designed to meet)

- FIJ RoHS
- EU Low Voltage Directive
- EMC: Emissions and Immunity: FCC part 15 class A
- EN55022, EN55024
- ESD: Up to +/- 15kV air discharge, +/- 7.5kV contact discharge
- WEEE Directive compliant

Performance

Operational temperature -20°C to +60°C -20°C to +70°C Storage temperature Humidity 10% to 90% non-condensing Vibration and shock ETSI 300 019 5M3 Insulation resistance 50Mohms (min) 500V a.c. (60 secs) Breakdown voltage Operating voltage 5V +/- 5% (USB) Operating current 20mA (excluding keypad illumination current)



For more information & to order:









Part No.s 450i **4500-10** 4500-00

Encoder

Accessories Part No.s

• USB cable fitted with 90° angled Mini-B male connector (to encoder) and USB-A male connector (to host system).

 Optional encoder configuration software (free download)

4500-SW01

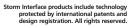
4500-01







signed & produced by NIK Design







www.storm-interface.com





450i August 2013

FM 39602

