

# S80A Programmable Keyboard Series

## Key Features

- With wide programmable keys
- High quality membrane keys with tactile feeling
- Damaged keys can be easily replaced and hence save the replacement cost
- With internal strong metal plate to enhance the protection against ESD is increased
- Different relegendable keycaps (1-fold, 2 fold) are available
- Detachable cable, using RJ-45 connector
- Available in USB, PS/2 Interface



## Programmable Features

- All keys can be programmed with unlimited characters
- All data can be retained for no less than 100 years without additional battery
- Does not require a TSR program and hence avoids application software crashes
- Provides multi-level programming
- Provides for a variable time delay of up to 255 seconds in each programmed string
- Provides true keyboard wedge function that operates with or without the normal computer keyboard connected
- Provide a true Caps/Scroll/Numeric Lock function independent of any other keyboards being connected
- Support PS/2 programming in DOS, Windows9X, Me, 2K, XP

## MagStripe Reader Features

- Comply with ISO 7812, IBM standards, AAMVA, JIS-2
- Support multi-country code settings
- Support programmable MSR setting for the header, tailor, separator, suffix and prefix, track sequence
- Track 1: 210BPI with max 76 characters
- Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters
- Track 3: 210BPI with max 107 characters
- Card swipe speed: 10 to 100 cm/s
- 500,000 swipe cycles
- Speed: 3-125 ips at 75 BPI; 3-50 ips at 210 BPI

## Keylock Features

- 6 steps keylock
- Each step can be programmed as a normal key or layer key
- Life cycle  $\geq$  25,000 times
- With clear step rotation

## Technical Data

### [Electronics]

#### Power supply

PS/2: +5V/DC  $\pm$ 10%

USB: +5V/DC  $\pm$ 5%

#### Current input

PS/2: <100mA

USB: <100mA

### [Mechanical]

Total travel: 4 – 0.4mm

Pre-travel: 2  $\pm$  0.6mm

Peak load before make: 60  $\pm$  20cN

### [Others]

Storage temperature: -40°C to +60°C

Operating temperature: 0°C to +50°C

Operating humidity: 20% to 90%

Dimension (LxWxH, mm): 410 x 167 x 50

Weight (g): 1320

## Heng Yu Technology (HK) Limited

Room 1503-05, Nan Fung Commercial Center, 19 Lam Lok Road, Kowloon Bay, Hong Kong

Phone: +852-23941852

Fax: +852-23941865

Website: <http://www.hengyu-tech.com>

Email: [hy\\_sales@hengyu-tech.com](mailto:hy_sales@hengyu-tech.com)