

S51A

POS Keyboards



FENGYU



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Key Features

- 51 fully programmable keys, old IBM keyboard layout
- All keys are made from Cherry MX key switches, good tactile feelings
- Magstripe reader settings are programmable by Matrix Maker
- Programmable functions are powered by the Matrix Maker
- With internal strong metal plate to enhance the protection against ESD is increased
- Different relegendable keycaps (1 fold, 1.25 fold and 1.25x2 fold) are available
- Numeric profile keycaps are available
- Detachable cable, using the tough RJ45 connector
- Available in USB and PS/2 interface

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Programmable Features

- Powered by Matrix Maker, our programmable software running under Win7, Win8, Win10 and Win11
- With optional Android based programming app
- Support OPOS, JPOS and UPOS
- 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
- Supports multi-layer 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

MagStripe Reader Features

- Comply with ISO 7812, IBM standards, AAMVA, JIS-2
- Support multi-country code settings
- Support programmable MSR setting for the header, tailer, 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; Speed:3-125 ips at 75 BPI; 3-50 ips at 210 BPI
- 500,000 swipe cycles

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 +55°C

Operating temperature: 0°C to +40°C

Operating humidity: 40% to 90%

Dimensions: 335x170x47

Certificates: FCC/CE

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



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