



KBA-TG121MT Product Information

Part Numbers

KBA-TG121MT-MU	USB version
KBA-TG121MT-MP	PS2 version

Key Features

- 16 programmable keys
- QWERTY section is designed with POS graded membrane keys
- Numeric section is designed with mechanical key switches
- Magstripe reader settings are programmable
- Programmable functions are powered by the Matrix Maker software available for download from our website
- Keyboards are backed up by 0.05 in thick metal frame
- Different relegendable keycaps (1x1 and 2x1) are available
- Supports different country layouts
- Integrated touchpad
- Detachable cable using tough RJ45 connector
- Available in USB or PS2 Interface

Programming Capabilities

- Programmable keys can be programmed with 255 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
- Multi-layer (or multi-level) programming
- Ability to include a variable time delay in each programmed string
- Provide a true Caps/Scroll/Numeric Lock function independent of any other keyboards being connected
- USB programming through the USB HID interface requiring no drivers; PS2 driver included with Matrix Maker software installation

MagStripe Reader Features

- Complies with ISO 7812, IBM standards, AAMVA, JIS-2
- Support multi-country code settings
- Support programmable MSR setting for the header, separator, suffix and prefix, track sequence, and more
- Track 1: 210BPI with max 76 characters
- Track 2: 210BPI with max 107 characters or 76BPI 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

Technical Data

Electronics

- Power supply
 - USB: +5V/DC \pm 5%
 - PS2: +5V/DC \pm 10%
- Current input: 100 mA max

Mechanical

- Total travel: 0.16 in \pm 0.02 in (4 mm \pm 0.4 mm)
- Pre-travel: 0.08 in \pm 0.02 in (2 mm \pm 0.6 mm)
- Peak load before make: 2.12 oz \pm 0.71 oz (60 g \pm 20 g)
- Key strokes life:
 - QWERTY section: 10 million
 - Numeric section: 50 million

Touchpad

- Active area: 2.46 in x 1.83 in (62.5 mm x 46.5 mm)

Other

- Storage temperature: -40° C to +60° C
- Operating temperature: 0° C to +50° C
- Operating humidity: 20% to 90%
- Dimensions: 17.3 in x 7.87 in x 1.73 in (439 mm x 200 mm x 44 mm)
- Weight: 3.42 lbs (1.550 kg)