

Programmable Keyboard



EC-K78

Specifications

Key Features	<ul style="list-style-type: none">• With 78 Cherry MX keys based on Gold Crosspoint technology, and have tactile feeling• 2 different key actions (soft contact and keyclick)• Laser-engraved keycap symbols or high quality UV silk screen printed keycap symbols• Operating life cycle of individual keys:<ul style="list-style-type: none">◦ Soft contact mode: 50 million strokes◦ Key click mode: 20 million strokes• Damaged keys can be easily replaced and hence save the replacement cost• With internal metal plate for key fixation, the protection against ESD is increased• Different relegendable keycaps (1-fold, 2-fold, 4-fold) are available
MagStripe Reader Features	<ul style="list-style-type: none">• Comply with ISO 7812, IBM standards, American Driving License• Support programmable MSR setting for the header, tailer, separator, suffix and prefix, track sequence• Support multi-country code settings• Track 1: 210BPI with max 76 characters• Track 2: 210BPI with max 107 characters or 75BPI with max 37 characters• Card Swipe Speed: 10 to 100 cm/s• 500,000 swipe cycles• Available configuration<ul style="list-style-type: none">◦ Dual Track: Track 1 & 2 or Track 2 & 3◦ Triple Track: Track 1, 2, & 3
Programmable Features	<ul style="list-style-type: none">• 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• Provides a true Caps/Scroll/Numeric Lock function independent of any other keyboards being connected• Support PS/2 programming in DOS, Windows9X, Me, 2K, XP
Keylock Features	<ul style="list-style-type: none">• 6-steps keylock• Life-cycle >= 25,000 times• Have tactile feeling
Power	<ul style="list-style-type: none">• PS/2: +5V/DC ± 10%; <100mA• USB: +5V/DC ± 5%; <100mA
Environment	<ul style="list-style-type: none">• Storage Temperature: -40°C to +60°C• Operating Temperature: 0°C to +50°C• Operating Humidity: 20% to 90%
Mechanical	<ul style="list-style-type: none">• Dimension (mm): 290L x 175W x 52H• Weight: 1430g• Total Travel: 4 - 0.4mm• Pre-travel: 2 ± 0.6mm• Peak load before make: 60 ± 20cN