

Preh Product Overview



Model	MCI 30	MCI 60	MCI 84	MCI 96	MCI 128	MCI 3100	MC 80 WX	MC 84 WX	MC 128 WX	MCI 111	
Description	Page 290	Page 290	Page 291	Page 291	Page 292	Page 292	Page 293	Page 293	Page 293	Page 294	
Supply voltage	+5 V ± 5% A5					+ 5 V +/- 5%					
Current consumption	max. 60 mA (base model)					max. 60 mA (base model)					
Interface	USB (PS/2 adaptor included)					USB (PS/2 adaptor included)	PS/2			USB (PS/2 adaptor included)	
Auto repeat	All keys, repeat frequency and delay time are programmable					All keys, repeat frequency and delay time are programmable					
Four status LEDs	Caps lock; Scroll lock; Num lock; MSR status					Caps lock; Scroll lock; Num lock; MSR status , accept (only MCI 111)					
Tone Indicator	Buzzer to generate acoustic signal (keyclick)					Buzzer to generate acoustic signal (keyclick)					
Housing	Black or white					Black or white					
Keyswitches	30 Click	60 click	84 click	96 click	128 click	105 Click	80 Click	84 Click	128 Click	105 Click	
Dimensions	210x330 mm	245x166 mm	245x203.5 mm	320x185 mm	320x235 mm	444x204 mm	335x182 mm	259x225 mm	335x244 mm	376x220mm	
Key spacing	19 mm - Keysets not included. Please order seperatly					19 mm - Keysets not included. Please order seperatly					
Actuation travel	3.5 mm +/- 0.5 mm					3.5 mm +/- 0.5 mm					
Actuation force	0,6 N + 0,2 N					0.6 N + 0.2 N					
Impact stability	10 N, 1 min.					10 N, 1 min.					
Life	minimum: 7.5 x 1 Mio cycles per key. Typical: 10 Mio cycles per Key					minimum: 7.5 x 1 Mio cycles per key. Typical: 10 Mio cycles per Key					min. 30 Mio. cycles per key
Data format/interfaces	bi-directional, serially synchronous or serially asynchronous					bi-directional, serially synchronous or serially asynchronous					
Interface cables	Standard USB, fixed (adaptor for PS/2 incl.)					Standard USB, fixed	Directly mateable externally (8 pin MiniDIN port)			Standard USB, fixed	
Date exchange	The standard data transfer to and from the keyboard is in the IBM synchronous format for PC-XT, AT					The standard data transfer to and from the keyboard is in the IBM synchronous format for PC-XT, -AT, -386, -486, -586 and PS/2-Systems					
Daisy chaining	-					-	over a 6 pole MiniDIN conn. at the keyboard			-	
Cables	Standard USB, fixed, 1.5 m					Standard USB, fixed, 1.5 m	Stand. conn. cable for PC-XT, -AT and PS/2: 2 m long, shielded, with Mini-DIN connector Daisy chaining cables for an add. keyb, with 5 pole DIN or 6 pole Mini-DIN connector			Standard USB, fixed, 1.5 m	

PrehKeyTec MCI 30



- Programmable POS keyboard
- 30 keys (5x6 matrix)
- Elegant housing
- Dust and spray-proof
- Optional magnetic stripe reader
- Key caps not included

Thirty programmable key positions make the Preh MCI 30 perfectly suited for very small cash desk systems, or as an extension for existing touch screen systems. OPOS support ensures seamless integration of the device into your system. Arrange single, double or quad keys along with blind caps freely on the 5x6 matrix in a modular concept. An additional, pre-labelled numeric key block with concave key surface improves the check-out ergonomically.

The sturdy keyboard comes with an elegant housing and can include an optional integrated magnetic stripe reader (3 tracks). The Preh intuitively operable programming software stores the keyboard layout in the keyboard's flash RAM. Naturally, the keyboard also includes an LED display for Num Lock, Scroll Lock and Caps Lock, as well as a status LED for the integrated magnetic stripe reader.

- Specifications**
- MCI30, USB, black

Item number
prehmc30s

PrehKeyTec MCI 60



- Programmable POS keyboard
- 60 keys (5x12 matrix)
- Elegant housing
- Dust and spray-proof
- Optional magnetic stripe or smart card reader, glidepad, etc.
- Key caps not included

This compact cash desk MCI60 keyboard is designed for all POS applications where 60 key positions are required, a number that is sufficient for most shops and stores. Just like the other keyboards of the MCI family, the MCI 60 impresses through its minimal space requirements, ergonomics, user-friendly handling, high reliability and modular flexibility. The MCI 60 only requires minimal space (245x166 mm, WxD) and offers your customers the highest flexibility through a wide spectrum of modular features. To meet specific requirements, the keyboard is even available as MSI-60 version with a smaller footprint of about 200x164 mm (WxD). Both versions offer a wide range of application possibilities through the 60 freely programmable key positions using the proven, key position changing technique for allocation of single, double and multiple keys.

A large number of options, like a magnetic stripe reader (3-tracks), glidepad, key switch with 5 positions, smart card reader, or a microjoystick are available for the MCI 60, as well as the other MCI-series keyboards.

- Specifications**
- MCI 60, USB, black
 - MCI 60, USB, with MCR, black

Item number
prehi60s
prehi60ms

PrehKeyTec MCI 84



- Programmable POS keyboard
- 84 keys (12x7 matrix)
- Free allocation of single, double and quadruple keys
- Optional magnetic stripe reader and key switch
- Without key caps

30 million key operations per key delivers reliability that makes the MCI 84 suitable for almost any application at the POS. Its main advantages are minimal space requirements, ergonomically user-friendly handling and high flexibility.

You can program and allocate all 84 keys individually with single, double or multiple keys. The necessary pressure for operating all key combinations is always the same. It can be a single key or a quadruple key – professional Preh keyboard technology makes the required force identical. Integrate your MCI 84 into even the smallest workplace or harshest environment – a space-saving, dirt and spray-resistant design offers long-term use almost everywhere.

Optionally, the keyboard is available with a 3-track magnetic stripe reader, a glidepad or a key switch with five positions and three keys.

- Specifications**
- MCI 84, USB, white
 - MCI 84, USB, black

Item number
prehi84
prehi84sw

PrehKeyTec MCI 96



- Programmable POS keyboard
- 96 keys (6x16 matrix)
- Elegant housing
- Dust and splash proof
- Optional magnetic stripe reader, smart card reader, glidepad, etc.
- Without key caps

The MCI 96 is a professional POS keyboard suitable for demanding POS environments. With its large keypad matrix in numerical layout, it is also ready for use in extensive applications. The Preh programming software saves the keypad positions in the Flash RAM of the keyboard and is intuitive to use. Easy integration to existing systems is guaranteed through the OPOS and Java POS support.

The keyboard is optionally available with fixed keypad positions for an alphanumeric layout. For improved working ergonomics, coloured single, double and multiple keys are always available, and for specific needs of your customers they are also individually laser-cut for you. (More information can be found on page 293).

A large number of options, like a magnetic stripe reader (3-tracks), glidepad, key switch with 5 positions, smart card reader or microjoystick are available as standard for the entire range of the MCI-series, and are also available upon request for the MCI 96. Ergonomic requirements of your customers, as well as professional control of access rights are thus very simply implemented.

- Specifications**
- MCI 96, USB, black
 - MCI 96, USB, with MCR, black

Item number
prehi96s
prehi96ms