

# Disinfectible Compact Keyboard for Purity and Hygiene

## AK-C4112 Series MedicalKey\*



**Active Key**



### Highlights:

- Compact Hygiene Keyboard (78 Keys) with Notebook Layout
- 360° Safeguard against Dirt and Water
- Silicone Membrane for Utmost Hygiene
- Sealed Key Field
- Flat Keys for Thorough Surface Disinfection
- Excellent Tactile Key Feel for Heavy Duty Type Writing in Hygiene Critical Applications
- Threaded Holes for Vesa Mounting (only cabled versions)
- Backlit Key Field

### Options:

- Protection Class IP68 Fully Sealed

### Features & Benefits:

The AK-C4112 is a high quality, highly reliable notebook style PC keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals and at practitioners, microbiological laboratories as well as industrial environments. The silicone key membrane protects the key field against ingress of dirt and fluids. The AK-C4112 impresses with precise key actuation and accurate key guidance. The AK-C4112 is highly recommendable for heavy duty type writing in dirt and hygiene critical operations.

The AK-C4112 provides the following benefits for cleaning and disinfection

- Thorough wipe disinfection of key field and keyboard
- Silicone key membrane with low key profile and self-containing, seamless surface
- CleanFunction allows to disable key field while cleaning ("Fn"+"Clean on/off")
- Exchangeable key membrane for separate reprocessing (Disinfection, Steam Sterilization)
- Protection class IP68 for submersion cleaning and machine reprocessing (optional)
- Backlit key field for operation in dark environment (optional)
- Suitable for a multitude of hospital cleaning agents and surface disinfectants (VAH)

Specification	
Compatibility	All operating systems supporting standard USB keyboards
LED Backlight	All keys, low current. Green/white backlight for white/black keyboard versions
Dimming Backlight	8 levels, intensity controlled by "Fn" Up/Down cursor keys
Chemical Resistance	Most common cleaning agents and surface disinfectants
Power/Interface	USB 1.1 (1.2Mbit/s)
Temperature Range	Storage -20° to + 60° C. Operation 0° to + 50° C
Supply Voltage	5 V +/- 10% through USB Port
Current Consumption	Backlit: max. 168mA; Non-Backlit: max. 100mA
Dimensions, Weight	Approx. 285x139x16mm; 0,5kg (without packaging)
LED Status Indicators	Caps Lock, Scroll Lock, Clean
Key Switch Technology	Scissors balancing key guidance with contained contact system
Key Travel, Actuation Force	Approx. 2,5 +/- 0,5 mm, 60g (similar to Notebook keyboards)
LED Life Expectancy	Rated 200,000 hours
Agency Approval	CE, RoHS, FCC Test Report, EN60601-1-2:2015 (IEC 4 <sup>th</sup> Edition)

\*No Medical Device acc. to MDR 2017/745 EU

#### AK-CB4112F-zz-y/xx (Backlit)

Identifier xx = Country Version US = US English GE = German Other country versions on request	Identifier y = Color W = White B = Black	Identifier zz = Version/Option U1 = Standard (USB). PS/2 on request. US = IP68 Fully Sealed (optional)
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