

# Disinfectible PC-Keyboard for Purity and Hygiene

AK-C8100 Serie Medical Key\*



## Highlights:

- PC-Keyboard with 105 Key Standard Layout
- 360° Safeguard against Dirt and Splash Water
- Silicone Key Membrane for Utmost Hygiene
- Flat Keys for Thorough Surface Disinfection
- Low Force Tactile Key Feel for Heavy Duty Type Writing in Hygiene Critical Applications

## Options:

- Protection Class IP68 by Full Sealing
- Exchangeable Membrane for Sterilization
- 2.4 GHz Radio Control / Wireless

## Features & Benefits:

The AK-C8100 is a high quality, reliable PC keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals and at practitioners, as well as office, administration and industrial environments. The silicon membrane protects the key field against ingress of dirt and fluids. The AK-C8100 impresses with low force key actuation and precise key guidance. With its 105 key standard keyboard layout, the AK-C8100 is highly recommendable for heavy duty type writing in hygiene critical operations.

The AK-C8100 provides the following benefits for cleaning and disinfection:

- Thorough surface disinfection of the key field by spray/wipe sanitizing of the seamless, low profile silicone key membrane without corners and edges.
- Surface disinfection instead of invasive submersion cleaning:
  - ✓ No inner or outer re-contamination by polluted suds
  - ✓ No risk of germ proliferation and transmission by fluids leaking or dripping off the keyboard
  - ✓ No contact with contaminated openings (no touch contact)
- CleanFunction allows to disable the key field while cleaning ("Fn"+"Clean on/off")
- Suitable for a multitude of hospital disinfectants and cleaning agents
- Protection Class IP68 by full sealing of the key membrane with the keyboard housing (Option 1)
- Or: Exchange of silicone key membrane for sterilization (Option 2)

| Specification         |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| Compatibility         | All operating systems supporting standard USB                           |
| Temperature Range     | Storage -20° to +70° C, Operation 0° to +50° C                          |
| Key Membrane          | Exchangeable silicone membrane (Standard) or fully sealed IP68 (Option) |
| Chemical Resistance   | Suitable for most common hospital disinfectants and cleaning agents     |
| Interface             | USB 1.1 (1.2 MBit/s)                                                    |
| Supply Voltage        | 5 V +/- 5% through PS/2 port, 6 V (4x AAA) Wireless Keyboard            |
| Current Consumption   | Max. 100 mA (USB: low power device)                                     |
| Connector             | USB Type A                                                              |
| Dimensions            | Approx. 449 x 142 x 26 mm                                               |
| LED Status Indicators | Caps Lock, Num Lock, Scroll Lock, CleanFunction                         |
| Key Switch Technology | Scissors Balancing key guidance with contained contact system           |
| Key Travel            | Approx. 2,5 +/- 0,5 mm                                                  |
| Key Actuation Force   | Approx. 60 grams (similar to Notebook style keyboards)                  |
| Agency Approvals      | CE, FCC, RoHS                                                           |

\*No Medical Device according to 93/42/EWG

**Part# / Keyboard:** AK-C8100F-zzz-y/xx **AK-C8100F-Fzz-y/xx (RF)**  
**Part# / Replaceable Key Membrane:** AK-C8100-y/xx

Identifier zzz = Version/Option

U1 = Standard (USB), PS/2 upon request  
 UVS = Fixed Sealed Membrane (IP68)  
 Version for Machine Disinfection upon request

Identifier y = Color

W = White (Standard)  
 B = Black

Identifier xx = Country Version

US = US English  
 GE = German  
 Other versions upon request

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# Medical Key

## Exchangeable Membrane for Routine Disinfection & Sterilization



**Work**



**Sterilize**



**Exchange**

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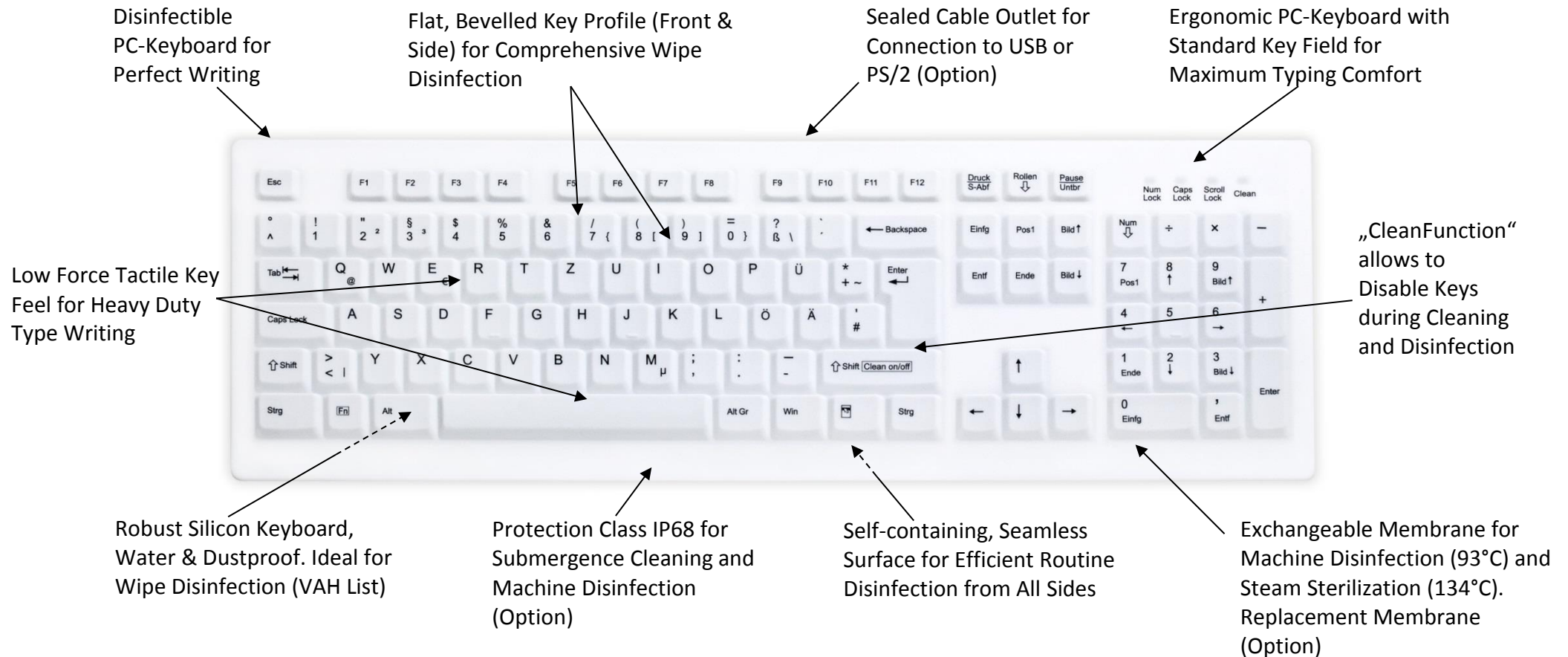
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# Clean & Write



## AK-C8100.

**P/N (US English, White):**

**AK-C8100F-U1-W/US** (Standard-Wipe Disinfection)

**AK-C8100F-UVS-W/US** (IP68-Submersion Cleaning)

**Keyboards for Medical, Industry  
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