

# Disinfectible PC-Keyboard for Purity and Hygiene

**AK-C8100 Series Medical Key\***



## Highlights:

- Hygiene Keyboard for Clinical Wipe Disinfection
- Standard PC Key Layout with 104/105 Keys
- 360° Safeguard against Dirt and Splash Water
- Flat Keys for Safe Routine Disinfection
- Contained Key Membrane Made of Silicone
- Seamless Surface for Complete Wipe Disinfection
- Easy Key Actuation for Perfect Typing
- Effective Usability and Ergonomics
- Minimum Life Cycle Cost by Efficient Data Entry
- Exchange Membrane for Machine Reprocessing
- Protection Class IP68 and RF-Wireless as Option

## Features & Benefits:

The AK-C8100 is a high quality, high performance, and highly reliable PC-keyboard. The purification and disinfection capacity makes it a perfect fit in hospitals, at practitioners and in microbiological laboratories. The silicone membrane protects keyboard and key field against ingress of dirt and fluids. The AK-C8100 impresses with congenial key actuation and precise key guidance. With its standard PC key layout, the AK-C8100 is highly recommendable for heavy duty type writing in hygiene critical applications.

The AK-C8100 increases protection against infection and limits risk and liability of the health care provider:

- Thorough wipe disinfection of key field and keyboard reduces microbial burden in the hospital
- Silicone key membrane with low key profile and contained, seamless surface offers effective protection against cross contamination, proliferation of microbes and formation of biofilms
  - ✓ No vector for nosocomial pathogens by building an effective germ barrier at the workplace
  - ✓ No microbial growth on debris and residues from disinfectants in hollow spaces
  - ✓ No spread of germs and surface recontamination by leakage of polluted cleaning suds
- CleanFunction allows to switch off the keys while cleaning ("Fn"+"Clean on/off")
- Approved for clinical wipe disinfection according to VAH-List (Germany)
- Machine reprocessing of exchange membrane at 93°C and 134°C (in addition to wipe disinfection)  
or: Full sealing IP68, respectively sealed membrane IP65 (RF-Wireless)

<b>Specification (Wired)</b>	
Compatibility	All Operating Systems that support Standard USB resp. PS/2 Keyboard
Temperature Range	Storage -20° to +70° C, Operation 0° to +50° C
Keyboard Protection Membrane	Exchangeable Silicone Membrane (Standard) or Fully Sealed IP68 (Option)
Chemical Resistance	Wipe Disinfection according to Guidelines Cleaning and Disinfection DGHM/VAH
Interface	USB 1.1 (1.2 MBit/s)
Supply Voltage	5 V +5%/-10% at USB Port resp. 5V +/-5% at PS/2 Port
Current Consumption	Approx. 35 mA (USB: Low Power Device)
Connector	USB Type A resp. PS/2 Mini-DIN
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
Actuation Force	Approx. 60 grams (similar to Notebook style Keyboards)
Agency Approvals, Certificates	CE, FCC, RoHS, EN-60601-1-2

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

<b>Part# / Keyboard:</b>	<b>AK-C8100F-zzz-y/xx (Wired)</b>	<b>AK-C8100F-Fzz-y/xx (RF)</b>
<b>Part# / Exchange Membrane:</b>	<b>AK-C8100-y/xx</b>	Specification see Datasheet AK-C8100F-FU
Identifier zzz = Version/Option U1 = Standard (USB), PS/2 upon request UVS = IP68 Fully Sealed (Option) FU1 = RF, FUS = RF Sealed (Option)	Identifier y = Color W = White (Standard) WB = White Housing/ Black Membrane	Identifier xx = Country Version US = US English    BE = Belgium    CH = Swiss    IT = Italian GE = German        FR = French        NOR = Nordic    UK = UK English SP = Spanish        Other Versions upon Request

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[www.activekey.de](http://www.activekey.de)

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# Medical Key



## Exchangeable Membrane for Routine Disinfection & Sterilization



**Work**



**Sterilize**



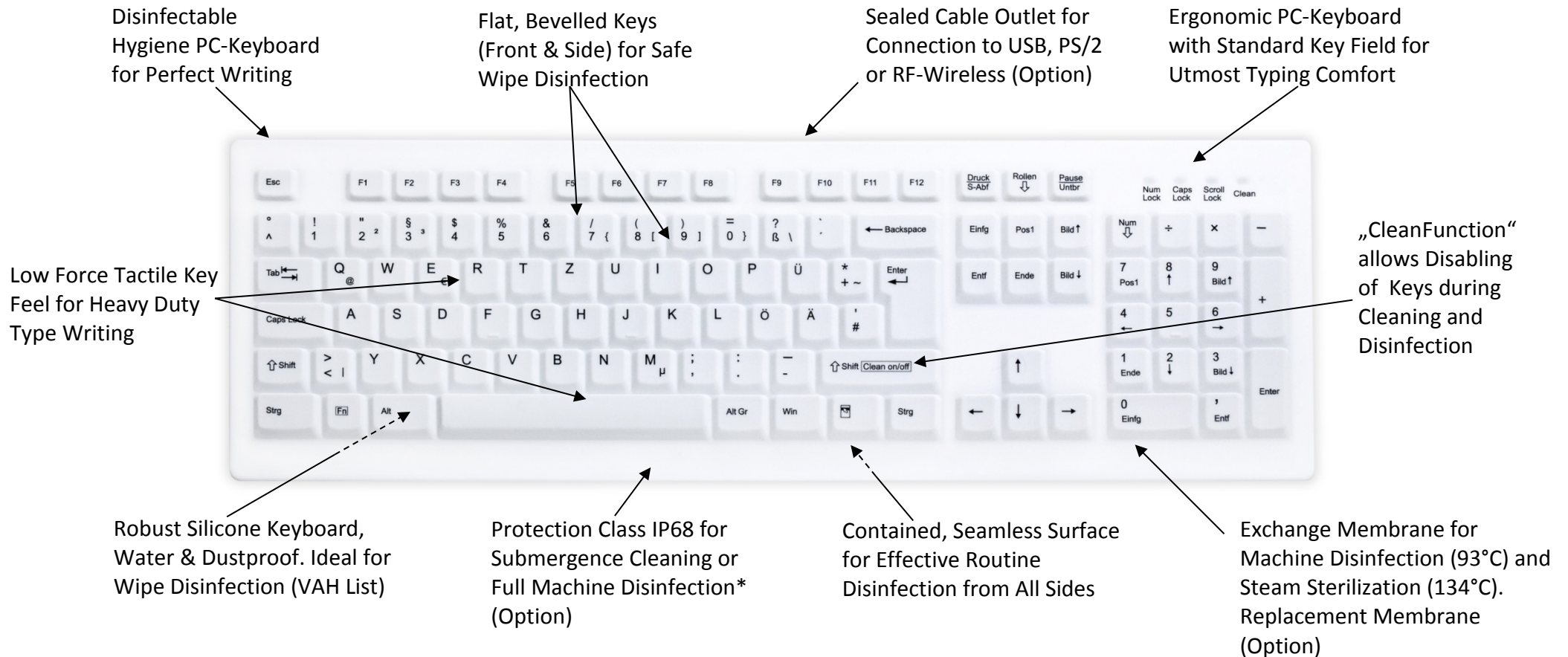
**Exchange**

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**Keyboards for Industry  
Commerce and Service**



# Clean & Write



## AK-C8100.

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

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

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

\* AK-C8100FA-UVS-W/US (upon request)

Keyboards for Medical, Industry  
Commerce and Service

**AK**  
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