

Disinfectible PC-Keyboard for Purity and Hygiene

AK-C8100 Serie Medical Key*



Active 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

Active Key GmbH & Co. KG
 Badstrasse 13 -15
 D-91257 Pegnitz
 Germany
 Phone: +49(0)9241/48337-0
 FAX: +49(0)9241/48337-29
 E-mail: info@activekey.de

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Medical Key



Exchangeable Membrane for Routine Disinfection & Sterilization



Work



Sterilize



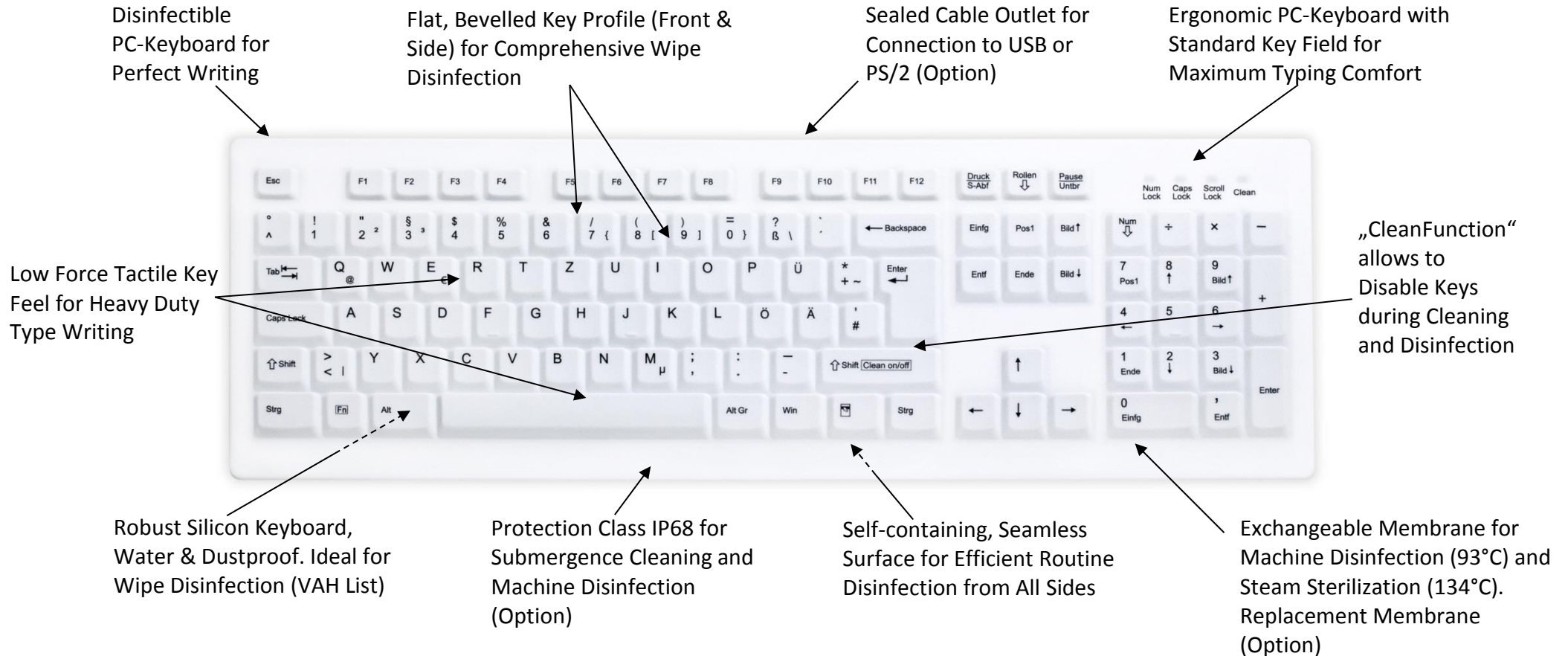
Exchange

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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)

Keyboards for Medical, Industry
Commerce and Service

