ACTIVE KEY

Primary Care Networks NHS

NHS

NHS Improvement

Spire Healthcare

Nuffield Health

HCA Healthcare UK

NHS National Performance Advisory Group

NHS England

Primary Care Support England

www.ActiveKey.de/en

ACTIVE KEY UK

Active Key a leading designer of hygienic, clinical, industrial keyboards & mice for professional data input that are cleanable and sanitizable for the European market.

Wired, wireless product with IP65 & IP68 rating plus 'back lit' versions…

Founded in 2005 by Gerhard Hahn formerly head of engineering at Cherry keyboards over 25 years

Management teams in Germany & UK have over 75 years experience in the industry of data input products for all applications and environments.

In-house engineering & design capability for custom & special applications.

Large warehouse stocks to support the European market place & language variations.

www.ActiveKey.de/en

- **Location:**

  - Nürnberg, Germany
  - Cambridge, United Kingdom

- **Customers:**

  - >1100 customers in 28 countries...
  - 17 Distributors & Dealers...
  - >90,000 unit sales, medical & industrial...
  - Key provider to many European national & private medical institutions, dental, veterinary practices & laboratory bodies...
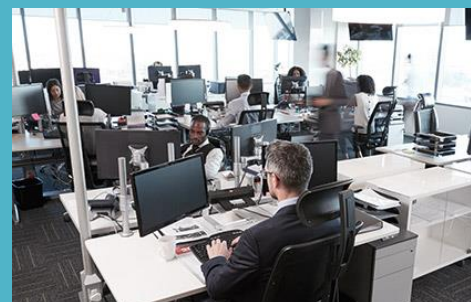
Areas of Application

Hygiene & Medical

Industry

POS / Point off Sales

Office

Compatible Active Ingredients Agents for Sanitization in accordance with VAH/DGHM German Healthcare Disinfectant Regulators

https://vah-online.de/en/

Aldehydes
Aldehyde-releasing
Alcohol
Alkaline or Alkaline derivatives
Chlorine-releasing
Chloramines
Glycol derivatives
Guanidine or guanidine derivatives
Organic acids
Oxidants
Peroxide compounds
Phenol & Phenol derivatives
Phenol derivatives
Pyrithione
Quaternary compounds
Oxygen-releasing compounds
Silver
Peracetic Acid - Schülke terralin PAA 5%.

Compatible Active Ingredients & Agents for Sanitization as used extensively in the NHS

Active Key laboratory have been working closely with Clinell to test and approve their wide ranging sanitizing wipes on the product range. Testing for effectiveness of cleaning & any resulting damage to surfaces or materials.. All types are now approved for use on the 'medical keyboard' range from Active Key

Clinell - GREEN Universal Wipes; NHS Supply Chain VJT118
Clinell - YELLOW Detergent Wipes; NHS Supply Chain VJT129
Clinell – RED Sporicidal Wipes (Peracetic Acid) Wipes; NHS Supply Chain VJT113
Clinell – RED Alcohol Wipes; NHS Supply Chain VJT448

Compatible Active Ingredients & Agents for Sanitization
NHS - CORONAVIRUS

It has been widely advertised that agents with > 70% alcohol content is an effective cleaning agent against Coronavirus..

With our testing this relates to the Clinell – RED Alcohol Wipes; NHS Supply Chain VJT448...

Active Key has sought clarification from Gama / Clinell and have been advised the following are the most effective:

Clinell - GREEN Universal Wipes; NHS Supply Chain VJT118
Clinell – RED Sporicidal Wipes; NHS Supply Chain VJT113

https://www.gamahealthcare.com/latest/clinell-efficacy-against-wuhan-coronavirus-wn-cov

Advised status @ 5.3.2020
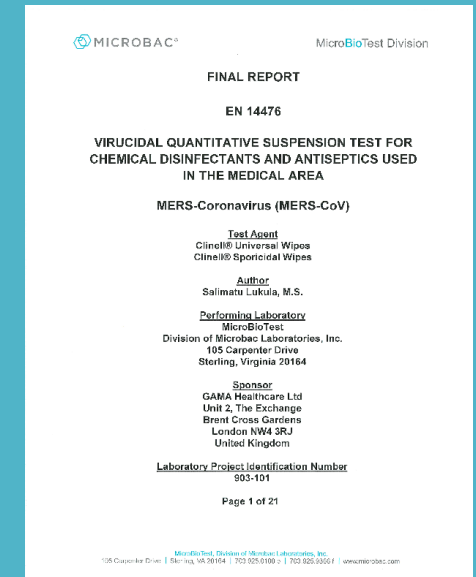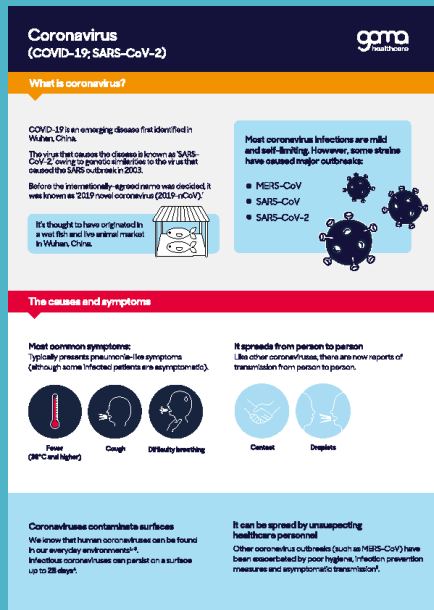
Active Key Sanitizing & Cleaning Instructions for IP65 & IP68 products

www.ActiveKey.de/en
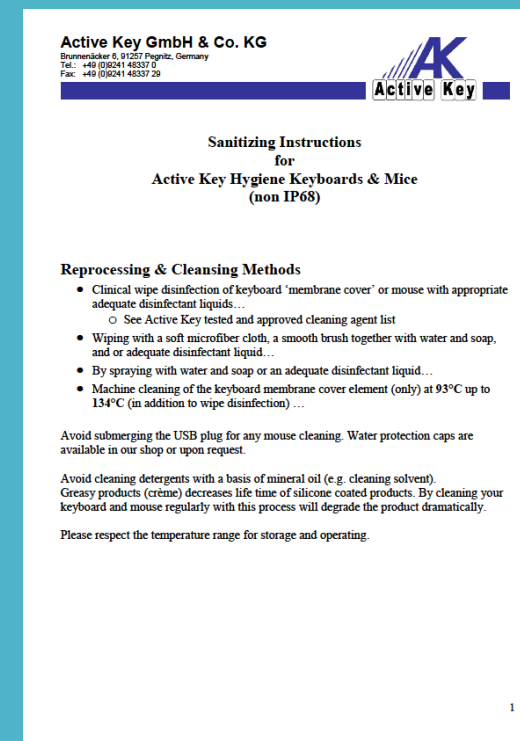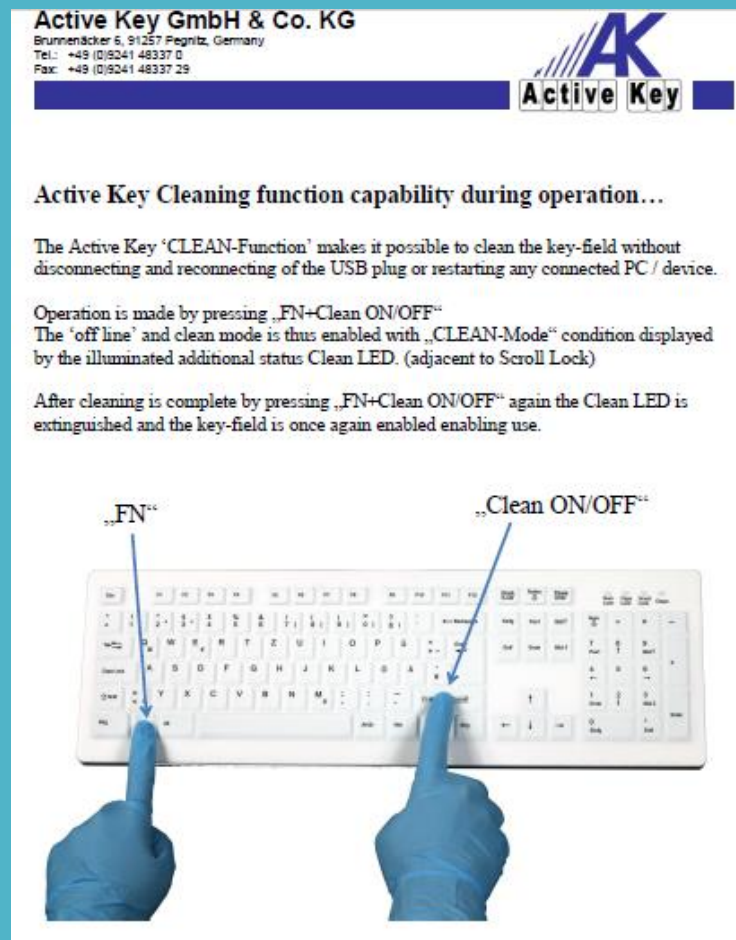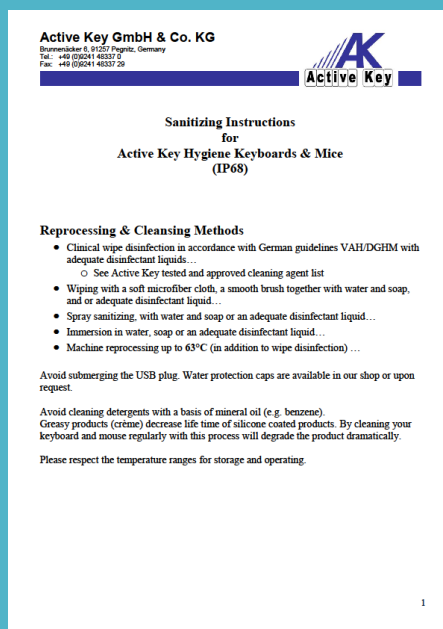
Active Key Conformance & Commpliances

DIN - EN- 60601- 1 – 2

IP 65 & IP68
- where specified

Official confirmation from MHRA that Active Key products require no formal testing as not deemed as medical equipment save normal compliances such as CE, EU & BSI norms, confirmed.

Personal & Environmental Safety

Active Key products employ no additives nor NANO SILVER in its products for sanitization for both personal and environmental protection & safety….

Active Key GmbH & Co. KG
Brunnenäcker 6, 91257 Pegnitz, Deutschland
Tel.: +49 (0)9241 48337 - 0
Fax: +49 (0)9241 48337 - 29

Hygiene Keyboards and Mice without Nano Silver

NO NANO

Active Key consciously concentrates on keyboards and mice without antimicrobial silver coatings!

Released nano silver particles jeopardize users and the environment.

Effectiveness and safety of nano silver in clinical disinfection applications is unconfirmed. Test procedures under real conditions are not available.

According to the German Robert-Koch-Institut (RKI), sector for applied infections and hospital hygiene, there are possible limitations of antimicrobial coatings:

- Slow and minor germ reduction (ISO 22196/JIS Z2801)
- Germ reduction not detectable by common test procedures
- Temporarily limited effectiveness by wiping
- Effectiveness retarded by cumulative pollution of the surface
- Cross reactions with other chemical substances
- Promoting resistance formation/selection
- Toxic to humans and the environment
- Conveying into a wrong sense of security and neglecting evidence-based standard hygiene
- Financial resources are tied up and not available in other important sectors

The Robert-Koch-Institut (RKI) recommends:

- (disinfecting) Sanitization / Disinfection by wiping.
- Using antimicrobial silver coating not recommended!

Mutual statement of the Deutschen Gesellschaft für Krankenhaushygiene e.V. (DGKH) and the Desinfektionsmittelkommission des Verbunds für Angewandte Hygiene e.V. (VAH):

- „Overall, the quality management of the hygiene is rather essential to protect patients from infections within hospitals than equipping the surfaces with antimicrobial nano coatings."

The German Bundesinstitut für Risikobewertung also sees the usage of nano silver or nano silver compounds with more critical eyes.

The application of antimicrobial coatings is subject to the EU biocide regulation 528/2012 respectively the Bio Compatibility requirements DIN EN10993 in accordance with the ordinance concerning medical devices 2017/745.
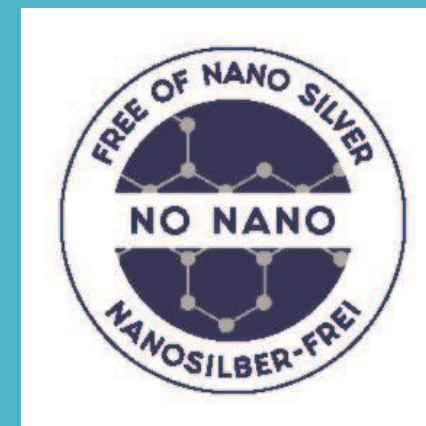
Independant Testing
of Active Key products
In their effectiveness once sanitized against
Bacteria - pathogens & contagion

Vorläufiger Projekt-Bericht

Hygienic Design of Medical Components

Ostbayerische Technische Hochschule in Weiden

erstellt am: 23.10.2019

Prof. Dr. R. Mutters

Institut für Medizinische Mikrobiologie
und Hygiene
Hans-Meerwein-Straße 2
35043 Marburg

Active Key GmbH & Co. KG
Badstrasse 13-15
91257 Pegnitz

Marburg, den 28.5.2013

Hygiene-Gutachten zu den PC-Tastaturen der Baureihe Artikel-Nr. AK-C8100F-U1, AK-C8100F-UVS, AK-4450-GUVS und AK-4450-GFUVS

The report from the East Bavarian Institute has provided two reports a) Active key products & b) comparisons against competitive products in their effectiveness.
Control applied pathogens/cleaning and re measuring..

> Loc 6/7 depending on product & process employed – 99.9999%

ACTIVE KEY   UK

Added Value Product Highlights

AK-C8100F-U1
Exchangeable membrane, IP65
AK-C8100F-FU1
Wireless, exchangeable membrane,

AK-C8100F-UVS
Fully Sealed, IP68
AK-C8100F-FUS
Fully Sealed, Wireless, IP68

National Patient Record System – sanitizable keyboard with compliant smart card reader...

RFID reader + touch pad + keyboard = 1 single port !

ACTIVE KEY   UK

Product Highlights – NEW @ MEDICA DUESSELDORF 2019

AK-C7412-GUS

AK-C7412-GUS   Fully Sealed
with Touchpad and NumPad,
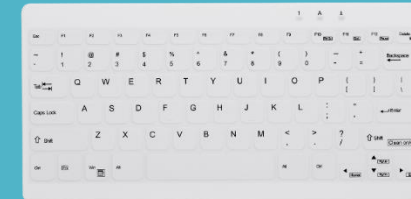IP68

AK-C7012F

AK-C7012F-U1
with exchangeable membrane
AK-C7012F-UVS
Fully Sealed, IP68

AK-C4412F-GUS

AK-C4412-GUS
Fully Sealed with Touchpad, IP68

AK-CB4112F

AK-CB4112F-U1
with exchangeable membrane
AK-CB4112F-US
Fully Sealed, IP68

UK Contact Details:

Stephen Rodway
UK Sales Director
+44 (0) 7375 072055
Mail: Stephen.rodway@activekey-uk.co.uk

Office:
+44 (0) 1223 631770
Mail: info@activekey-uk.co.uk

Web: www.activekey.de/en

www.ActiveKey.de/en