



making work easy



Renfert CONNECT stick

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1 Symbols used



Caution

Risk of damage to the equipment if the instruction is not followed.



Notice

Provides the operator with useful information that eases use.



The device complies with the requirements of the applicable EU directives.



This product complies with the relevant UK legislation.

See UKCA Declaration of Conformity in the Internet under www.renfert.com.



The device is subject to the EU directive 2002/96/EG (WEEE directive).

2 Renfert CONNECT stick

2.1 Intended use

The Renfert CONNECT stick is used for communication between a Renfert product and the Renfert App. The Renfert CONNECT stick can only be used in Renfert products.

2.2 Startup

After connecting the Renfert CONNECT stick to a Renfert product (see Chap. 4), and installation of the Renfert CONNECT App on your mobile device, you can connect the Renfert product with the App. The necessary steps to do so are different from product to product.

Please follow the instruction in the Renfert CONNECT App.

2.3 Status signals

The Renfert CONNECT stick informs about its connection status with different signals.

Status signal	Meaning
green, flashing	• The Renfert CONNECT stick has activated the accesspoint mode and sends its own WLAN.
blue, steady light	• The Renfert CONNECT stick is connected to a router.
blue, flashing	• No connection to a router.

3 Connect Renfert CONNECT stick

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The Renfert CONNECT stick is not a conventional USB stick. Therefore, do not plug it into the USB ports of other devices. Otherwise the Renfert CONNECT stick and the other device could be damaged.

The Renfert CONNECT stick can only be connected to Renfert products having the necessary interface.

3.1 EASY view+

3.1.1 Setup

- ⇒ Switch off the EASY view+ using the power switch (7).
- ⇒ Insert the Renfert CONNECT stick into the Renfert CONNECT interface at the rear side of the head (26).

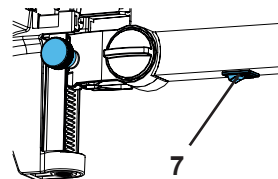


Fig. 1



Caution!
Make sure that the Renfert CONNECT stick is inserted in the correct port. If it is inserted in a different port, it will not work and the Renfert CONNECT stick and the EASY view+ may be damaged.

- ⇒ Switch the EASY view+ on again.

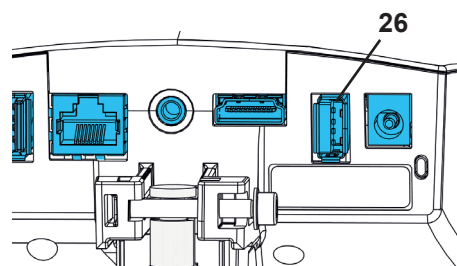


Fig. 2

3.1.2 Troubleshooting

Error	Cause	Corrective action
No connection to EASY view+	• A firmware update has been done on the Renfert CONNECT stick (see chap. 6.1).	• Switch EASY view+ off and on again after about 10 seconds.
Pictures are not synchronized.	• Stick plugged into the wrong slot.	• Check, the stick is plugged into connection 26 (Fig. 2).
	• No connection to the router, the status LED is flashing blue or green.	• Check, the router is turned on. • Turn EASY view+ off and on again.
	• Status LED is not on.	• Stick failure, please contact Renfert service.
	• No connection to Easy view+.	• Select „remove device“ in the App and set up device again.

4 SIMPLEX

The SIMPLEX system (SIMPLEX 3D-filament printer, SILMLEX silceware, SIMPLEX print) will be connected to the Renfert CONNECT App without the Renfert CONNECT stick.

You obtain updates for the SIMPLEX 3D-filament printer and for the software packages SIMPELX slice-ware and SIMPLEX print exclusively via the Renfert CONNECT App.

5 Renfert CONNECT App

„App Store“, „Apple“, „Google“, „Play Store“, and „Android“ are registered trademarks of Apple or Google.

- ⇒ Install the Renfert CONNECT app from the App Store (Apple) or the Google Play Store (Android) on your mobile device.
- ⇒ Open the app and log in with an existing account, or register to create a Renfert account for your laboratory / dental office.
- ⇒ Go to „My Equipment“.
- ⇒ Select „Add device“.

Follow the instructions of the App, they will differ from product to product.

5.1 Firmware Update

Updates for the Renfert CONNECT stick and the renfert product will be received exclusively by the Renfert CONNECT App.

Inside the App a bell symbol will be displayed, when an update for the Renfert CONNECT stick or the Renfert product is available.

To execute the update, click on the bell symbol and follow the instructions, which will differ from product to product.



A firmware update interrupts the connection between the Renfert CONNECT stick and the Renfert product. Therefore, after the firmware update, the Renfert product must be switched off and after about 10 sec. turned on again.

6 Technical Data

Item number:	2410 0000	2410 1000
Voltage / VDC:	3.3	
Power consumption (max.) / mA:	300	
WLAN protocol:	IEEE 802.11g	
Frequency / GHz:	2.4	
Transmission power (max.) / dBm:	18	
Ambient temperature / °C [°F]:	5 - 40 [41 - 104]	
Dimensions (width x height x depth) / mm [inch]:	24 x 10 x 50 [0.94 x 0.39 x 1.97]	
Weight, approx. / g [oz]:	8 [0.28]	
Conformity:	RED *)	FCC Rules part 15 **).

*) Radio Equipment directive, 2014/53/EU

**) See Chap. „Information obligation“

7 Guarantee

Renfert gives a **3-year guarantee** on all parts of the device provided that the product is used in accordance with the operating instructions.

The original sales invoice of the specialist depot is required for a claim under guarantee.

Parts which are subject to natural wear and tear (wear parts) and consumables are excluded from the guarantee. These parts are marked in the spare part list.

The guarantee is rendered void in the case of incorrect use, non-adherence to the operating, cleaning, servicing or connection instructions, repairs carried out by the owner or repairs that are not carried out by a specialist firm, use of replacement parts from another manufacturer or unusual or unapproved uses not specified in the user guidelines.

Successful claims under guarantee do not extend the guarantee period.

8 Information obligation

- Information on REACH and SVHC is available on our website at www.renfert.com, in the Support area.

8.1 FCC Part 15

8.1.1 Part 15.19

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause interference and
- (2) this device must accept any interference, including interference that may cause undesired operation.

8.1.2 User information accord. FCC Part 15

- FCC part 15.21:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- FCC part 15.105:
Note:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

8.1.3 RF Exposure Info

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

8.2 Industry Canada Statement

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

NOTE IMPORTANTE:

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

9 Disposal Instructions

9.1 Disposal of the device

The unit should be disposed of by a specialist firm. The specialist firm must be informed of any hazardous residue in the unit.

9.1.1 Disposal instructions for countries in the EU

To conserve and protect the environment, prevent environmental pollution and improve the recycling of raw materials, the European Commission adopted a directive that requires the manufacturer to accept the return of electrical and electronic units for proper disposal or recycling.



Within the European Union units with this symbol should not be disposed of in unsorted domestic waste

For more information regarding proper disposal please apply at your local authorities.