Vision Screener

reddot award 2014
winner

GERMAN
DESIGN
AWARD
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2017

Short Manual 8

"Downloading software updates"

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This manual is a supplementary short manual. For general information about your Plusoptix device, such as its intended use, basic handling, technical information, maintenance, service, and warranty information, please refer to the user manual that was delivered with your device. This user manual can also be downloaded on our homepage www.plusoptix.com, under support.

List of further supplementary short manuals

1. Adjusting settings and setting up WLAN
2. Preparing and performing a measurement
3. Viewing the measurement results
4. Entering, retrieving or deleting patient data
5. Documenting measurement results electronically
6. Documenting measurement results on paper
7. Exporting back-ups and reports (only plusoptiX S12C and S16)
8. Downloading software updates
9. Troubleshooting malfunctions and measuring interruptions

1 Downloading software updates – an overview

We recommended checking regularly to see if there is a new software version to download. If your Plusoptix Vision Screener is already up-to-date, the message "The software version is up-to-date" will be shown. To download a software update, you will need an empty SD card (plusoptiX 12) or USB stick (plusoptiX 16).

You have following options to download the latest software version:

- Downloading software updates on the workplace computer (see chapter 2)
- Downloading the software update directly onto the Plusoptix Vision Screener (LAN/WLAN or Mini-USB) (see chapter 3)
- Downloading Software Update via LAN/WLAN (only plusoptiX S12C and S16) (see chapter 4)
- Downloading Software Update via Mini-USB-cable (only S12C and S12R) (see chapter 5)

Attention:
During the update process, all the data saved on the SD card or USB stick will be deleted. For this reason, make sure you only use an empty storage medium.

Note:
After the software update has been installed, you will see a message about formatting the SD card or USB stick. Confirm this message if you want to use the SD card or USB stick to save screening reports after the update. Do not format it if you want to use it to update further Plusoptix Vision Screeners.

2 Downloading software updates on the workplace computer

If you cannot establish an internet connection to the Plusoptix Vision Screener, the software update can also be downloaded to the workplace computer.

The latest software update and instructions to update the software can be found on our homepage www.plusoptix.com.

3 Downloading the software update directly onto the Plusoptix Vision Screener (LAN/WLAN or Mini-USB)

If you want to download the software update using LAN/WLAN or Mini-USB, take the following precautions for updating the software:

- Insert an empty SD card (plusoptiX 12) or USB stick (plusoptiX 16)
- Connect the Plusoptix device to the power network
- Establish internet access (either over a LAN/WLAN-connection or over a Mini-USB cable to your workplace computer)
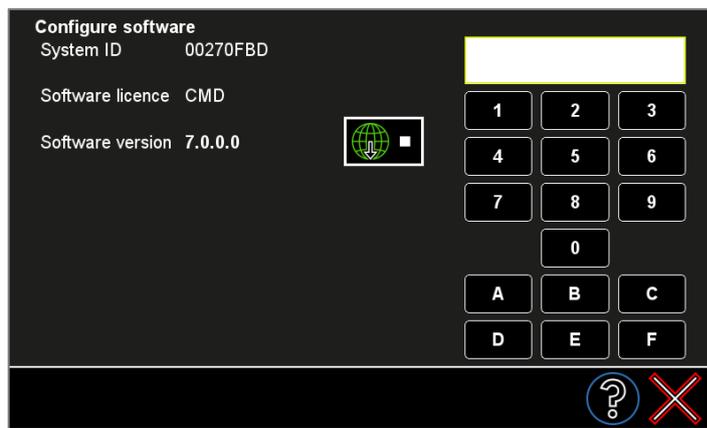

Figure 1: Downloading software updates

- Touch the button to configure the software (1) in the settings.
- Then touch the button (2) to download the latest software
- Confirm with the green checkmark (3). You will be guided through the download (see figure 2).

When downloading, the software update will be saved on the SD card or USB stick and a confirmation will be displayed. As soon as you touch OK, the Plusoptix Vision Screener will automatically restart and install the software update saved on the SD card or USB stick.

1) 2) 3)

4 Downloading Software Update via LAN/WLAN (only plusoptiX S12C and S16)

With active WLAN connection in the plusoptiX S12C model or active LAN or WLAN connection in the plusoptiX 16 model, you will be guided through the update with the help of the following status messages (see Figure 2).

> ⚠ **Note**:
> Depending on the signal strength of the LAN/WLAN- and the Internet connection, a software update can take about 30-40 min.

> ⚠ **Note**:
> Depending on the device, you either need an empty SD card (plusoptiX 12) or an empty USB stick (plusoptiX 16). The following status messages are the same for the plusoptiX S12C and S16 model, and only differ in the storage medium.
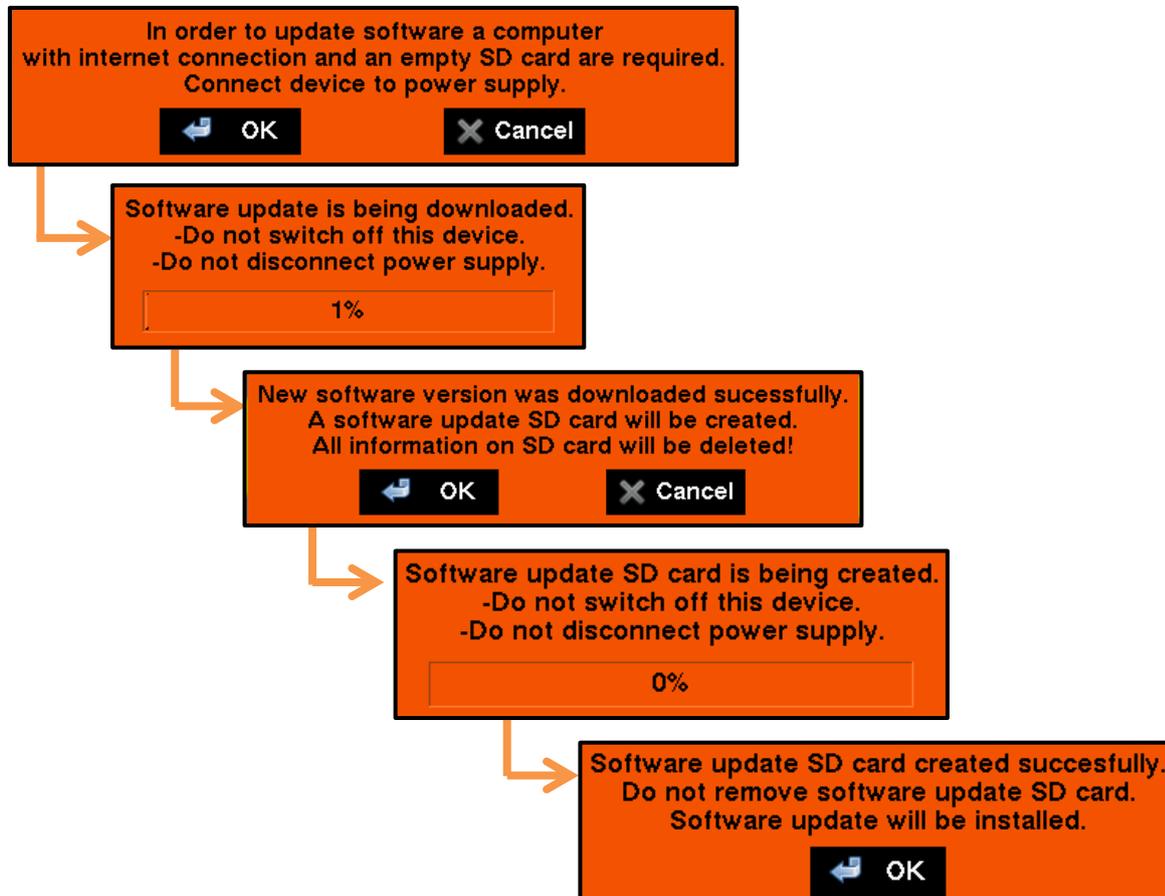

Figure 2: Downloading the software update via LAN/WLAN

5 Downloading Software Update via Mini-USB-cable (only S12C and S12R)

If there is no WLAN-connection available, the software update can be downloaded via Mini-USB cable (see Figure 3).

⚠️ **Note**:
Depending on the internet connection, a software update via Mini-USB cable can take about 15-25 min.

Action recommendations on the device

Action recommendations on your workplace computer

In order to update software a computer with internet connection and an empty SD card are required. Connect device to power supply.
OK   Cancel

Connect device with mini USB cord to your computer. Touch OK to confirm.
OK   Cancel

A connection is being established with your computer. Please wait...
29%

Your computer has now access to a new drive. Locate the drive under devices on your computer and proceed to the subfolder corresponding to your operating system (e.g. Microsoft vs. MacOSX). Execute Plusoptix Image Downloader software in this subfolder.

Please open Windows Explorer or Apple Finder and choose the corresponding file folder.
File access with URL:
Removable medium\pdf

Name	Änderungsdatum	Typ
MacOSX	04.03.2015 09:09	Dateiordner
Windows	04.03.2015 09:09	Dateiordner
version.txt	04.03.2015 09:09	Textdokume

Start Plusoptix Image Downloader to download the Software Update.

Name	Änderungsdatum	Typ
Tools	04.03.2015 09:09	Dateiordn
Plusoptix Image Downloader.bat	04.03.2015 09:09	Windows-

"Plusoptix Image Downloader"
"Downloading files needed for update. Please be patient."
3,9%

Software update is being downloaded.
-Do not switch off this device.
-Do not disconnect power supply.
-Do not disconnect mini USB connection.
52%

New software version was downloaded sucessfully. A software update SD card will be created. All information on SD card will be deleted!
OK   Cancel

Software update SD card is being created.
-Do not switch off this device.
-Do not disconnect power supply.
4%

Software update SD card created sucessfully. Do not remove software update SD card. Software update will be installed.
OK

Plusoptix Update Downloader
Download finished! Continue on Plusoptix device!
OK

⬅- - -➡ Parallel processes

Figure 3: Software Update via Mini-USB-cable