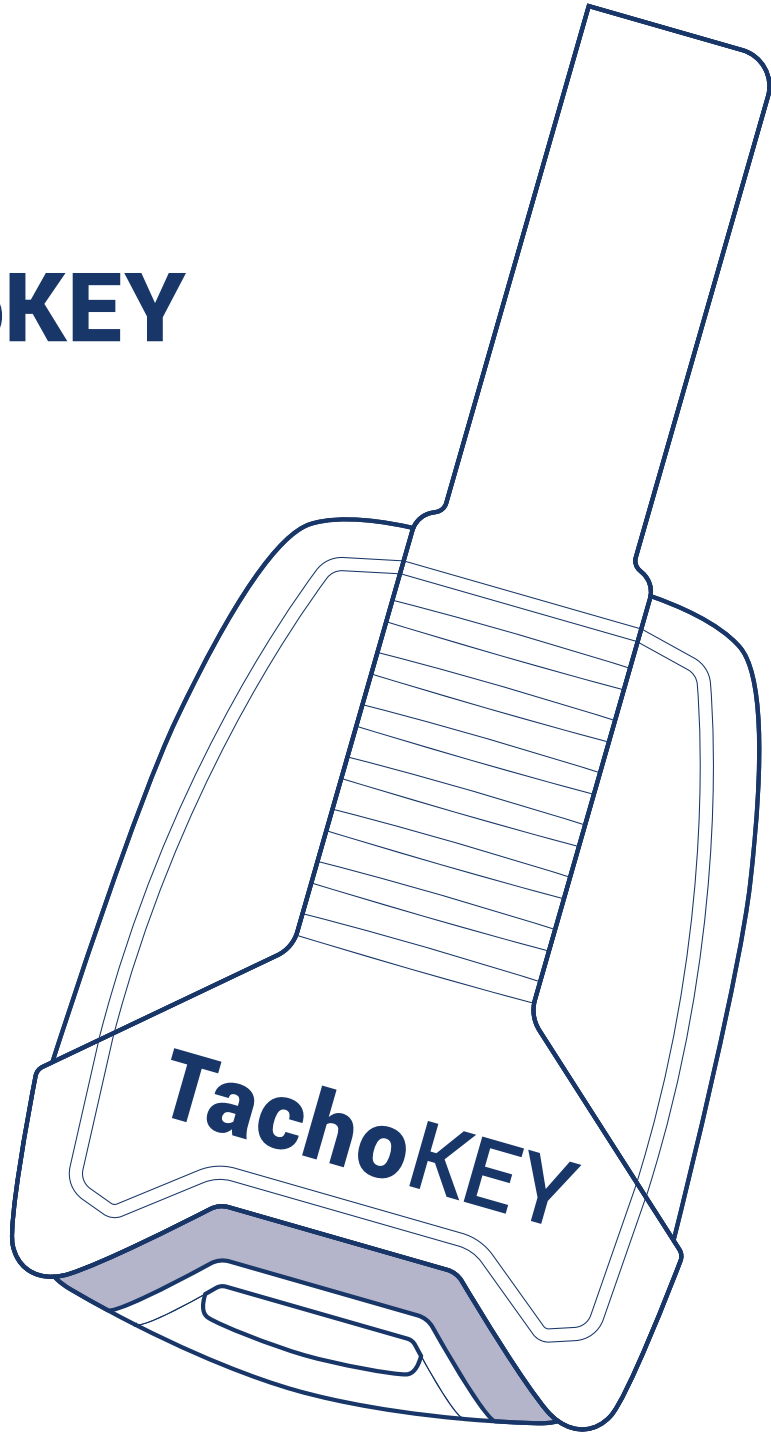
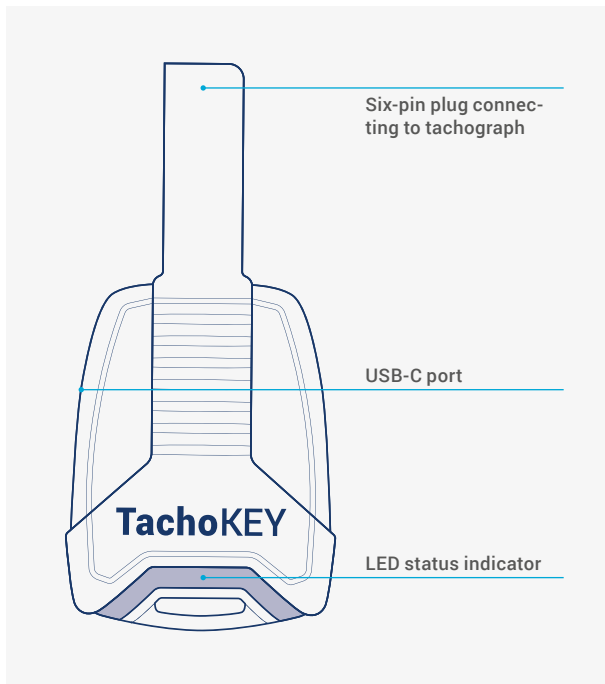


# DAKO TachoKEY

Operating instructions



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# The new DAKO TachoKEY

## Your download key for simple, manual readout of tachograph and driver card data

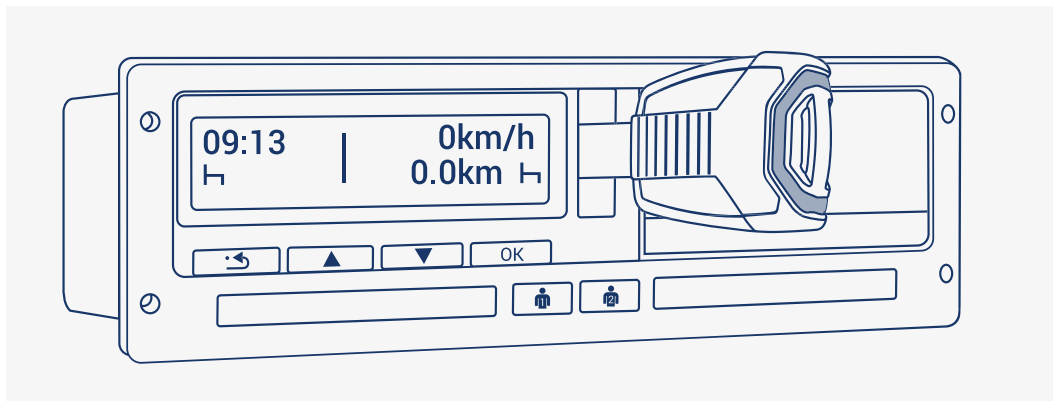
Simply insert the DAKO TachoKEY into the tachograph and the readout process will begin automatically. And with our DAKO TransferApp you can transfer your data to the DAKO web platform effortlessly and securely. This way, your data is archived in compliance with the law in no time at all. The instructions below explain how to set up and use the TachoKEY with the accompanying app.

## Operating instructions

### Step 1: Download and setup of the DAKO TransferApp

You only need to carry out the setup process shown here once. For the routine process of reading out and transferring tachograph and driver card data, go directly to step 2.

1. Depending on your operating system, scan one of the QR codes below on your mobile device or search for „DAKO TransferApp“ in the Google Play Store (Android) or App Store (iOS) and install the app.
2. Turn the ignition switch of the vehicle to position 1 (accessory).



3. Insert the DAKO TachoKEY into the download port on the tachograph.
4. Open the DAKO TransferApp.
5. Activate Bluetooth on your device and, if necessary, grant Bluetooth authorisation / pairing with your device.
6. Tap "Connect DAKO TachoKEY" and select the available TachoKEY.
7. Assign a password once (note guidelines) and confirm.
8. The DAKO TransferApp connects to the TachoKEY and will thereafter automatically recognise it in the future. It will not be necessary to enter your password again after this has been done.
9. To pair with other devices (e. g. smartphone) in your company, follow the above steps again and enter the previously set password.



Android devices



TransferApp

Scan the corresponding QR code & open DAKO TransferApp in Google Play Store or App Store



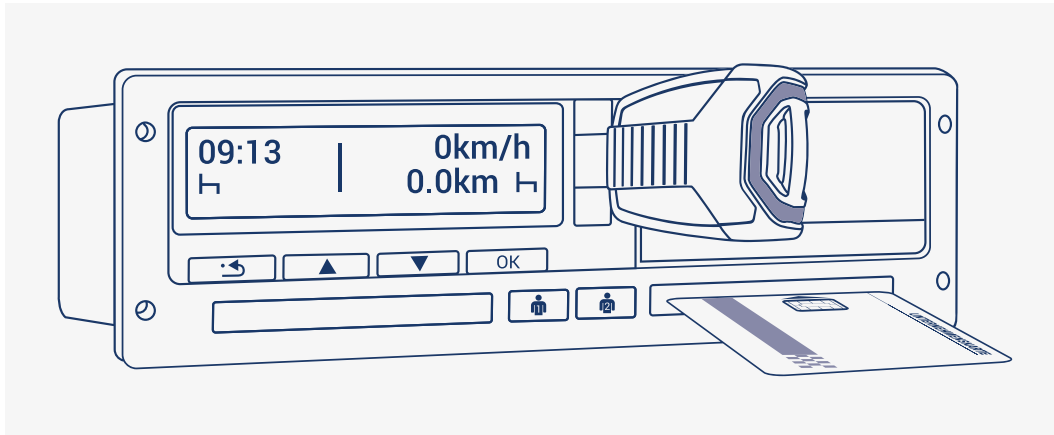
iOS devices

#### Note:

When used for the first time, the data download will begin as soon as the DAKO TachoKEY is plugged in. Nonetheless, please follow the subsequent steps to connect the download key to the app.

## Step 2: Reading out and data transfer

1. Turn the ignition switch of the vehicle to position 1 (accessory).
2. Insert the company card and / or driver card into the tachograph.
3. Insert the DAKO TachoKEY into the download port on the tachograph.



4. For a successful connection, Bluetooth must be activated on the end device with DAKO TransferApp (e. g. smartphone).
5. Open the DAKO TransferApp on your device. A DAKO TachoKEY paired once before will automatically connect to the app.
6. Select the data you want to download (tachograph and / or driver card data) and start the transfer. The app will inform you about the current transfer status.
7. Do not remove the TachoKEY from the tachograph until the LED signal light is permanently green.

LED signal	Meaning
Permanent blue light	TachoKEY inserted, waiting mode
Pulsing blue light	Download in progress
Permanent green light	Download successful, TachoKEY can be removed from the device
Permanent red light	Unknown hardware error
Pulsing red light	Download error /communication error / storage error
Pulsing yellow light	TachoKEY storage is full

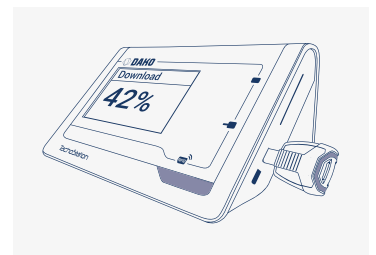
Tab. 1 LED signals DAKO TachoKEY / Tachograph

## Data transfer via DAKO TachoStation

You can also transfer your tachograph and driver card data securely at a DAKO TachoStation in your company or at one of approx. 450 public TachoStations throughout Europe. You can also update your TachoKEY firmware or change specific settings.

LED signal	Meaning
Permanent blue light	TachoKEY inserted, waiting mode
Pulsing blue light	Data transfer from the TachoKEY started
Permanent green light	Successful completion of data transfer, TachoKEY can be removed from the device
Permanent red light	Data transmission failed, error information will be shown on the TachoStation's display

Tab. 2 LED signals DAKO TachoKEY / DAKO TachoStation




## Data transfer / updates via DAKO TransferTool

Both, data transfer and updates of the TachoKEY firmware, are possible with the help of a desktop PC (connection via USB-C cable) and the DAKO TransferTool. You can download the latter along with detailed instructions for data transfer and updates via the following link:

<https://downloads.dako.de/Programme/TransferTool.zip>

## Technical data

Power supply	Via 6-pin plug or USB-C, 40 mA max. current consumption 12-21 Volt
System requirements	<ul style="list-style-type: none"><li>• At least Android 8</li><li>• At least iOS 14.2</li><li>• At least Bluetooth 4.0</li></ul>
Protection features	Overcurrent fuse 60mA
Interfaces	USB 2.0 (PC) to USB-C (TachoKEY), or Bluetooth Low Energy®
Configuration	Via DAKO TachoStation, PC (Software)
Internal storage	Flash storage 64 MB
Status display	LED light strip
Connector	1 × 6-pin
Operating temperature	-10° to +60 °C
Device protection level	IP 20
Weight	20 g
Dimensions	Length: 84 mm, width: 44 mm, height: 16 mm
WEEE-Reg.-Nr.	DE 57318687
Features	<ul style="list-style-type: none"><li>• Read-out of data from digital tachographs without SD / SDHC card (Download driver cards, download mass memory from the last 92 days)</li><li>• Data transmission via app, TachoStation or PC</li><li>• Standard protocol: DTCO @ 1381 for VDO, Stoneridge, Intellic, Actia</li></ul>
Product picture	



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Information obligations according to § 18 section 4 sentence 3 ElektroG:  
<https://www.bmu.de/themen/wasser-ressourcen-abfall/kreislaufwirtschaft/statistiken/elektro-und-elektronikaltgeraete>