CEStronics

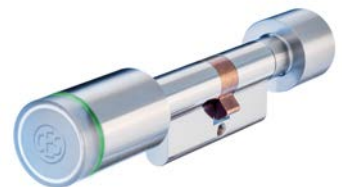# CES OMEGA FLEX

Locking devices

Signalling of the locking devices

Electronic handle sets

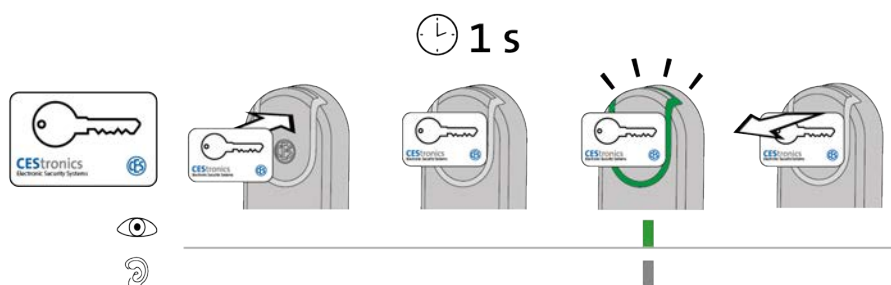**Electronic cylinder**

English

Version VB

Contents

1 Signalling during operation

1.1 Opening the locking device with a locking medium

Procedure:

1. **Hold an authorised locking media for ca. 1 second in the reading field of the locking device (maximum distance ca. 10 mm).**

   The following signal appears:

   1x short green and 1x short beep

   You can open the door by pressing the lever handle for a certain period. The length of the time period depends upon the **opening period** *set.*

   ⓘ During the opening period no further locking media or master media are read. Only after you hear that the coupling of locking device has disengaged, you can hold another locking media in the reading field of the locking device.

Troubleshooting:

| Signalling	Reason	Solution
The locking media cannot be read (No signal).	The locking media was not held close enough to the reading field of the locking device.	Hold the locking media longer in the reading field of the locking device.
	The reading field is shielded by metallic materials.	Remove the metallic materials from the reading field of the locking device.
	Shortly before, another authorised locking media was held in the reading field of the locking device and the opening period of the locking device has not yet expired.	You can open the door without having to have your locking media read.
	The battery is empty.	Replace the batteries
	b) The locking media is defective.	Have a new locking media issued by the administrator of the OMEGA FLEX system.

Signalling	Reason	Solution
	The locking media is not authorised.	Have the locking media authorised by the administrator of the OMEGA FLEX system.
	The locking media is authorised but the block time or block mode is active.	If the block time or block mode is active, a locking device cannot be opened by an authorised locking media.
	The locking media is authorised and the locking device is currently in release mode.	You can open the door also without an authorised locking media.

1.2 Activating the office mode

Required devices and locking media:

- Locking media, which is authorised for the office function
- Locking device, which is authorised for the office function

Procedure:
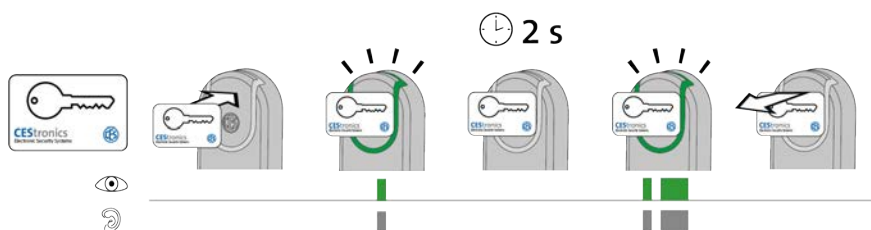
1. **Hold the locking media authorised for the office function for ca 2 seconds in the reading field of the locking device.**

   As soon as the locking media is in the reading field, the following signal appears:

   1x short green and 1x short beep

   After ca 2 second, another signal appears:

   1x short green and 1x short beep, 1x long green and 1x long beep

   The office mode is now active. The door can now be opened until the end of the office hours without locking media. LINE locking device reconnects automatically at the end-time set in the OMEGA Client.

   ⚠️ Since there are no start and end-times for the Office function in the V-NET, there is no end-time at which the locking device automatically reconnects. Therefore, the office mode in V-NET must be deactivated with an authorised locking media.

Troubleshooting:

Problem/Signalling	Reason	Solution
No signal after ca 2 seconds. The office mode is not active. The coupling of the locking device engages, but disengages again after expiry of the opening duration.	The locking device is not authorised for the office function.	Have the locking device authorised for the office function by the system administrator.
	The office function is not available at this time.	Enquire with the system administrator, when the office function in this locking device can be activated.
	The locking media is not authorised for the office function.	Have the locking media authorised for the office function by the system administrator.

1.3 Deactivating the office mode

Required devices and locking media:

- Locking media, which is authorised for the office function
- Locking device, which is authorised for the office function

Procedure:
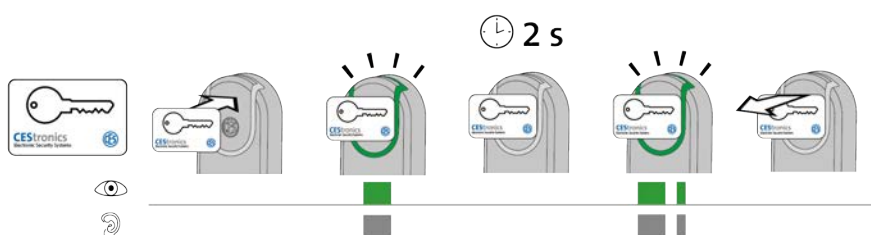
1. **Hold the locking media authorised for the office function for ca 2 seconds in the reading field of the locking device.**

   As soon as the locking media is in the reading field, the following signal appears:

   1x long green and 1x long beep

   After ca 2 second, another signal appears:

   1x long green and 1x long beep, 1x short green and 1x short beep

   The office mode is now deactivated. The door can be opened now only with authorised locking media.

Troubleshooting:

Signalling	Reason	Solution
After 2 seconds	The office mode cannot be deactivated	Have your locking media authorised for

Signalling	Reason	Solution
👁 🟩▮ 👂 ▮▮	because the locking media is not authorised for the office function.	the office function by the system administrator.

not shown.

2   Signalling while using the master media

2.1 Authorising System-Master

Each locking device of an OMEGAFLEX system must first become familiar with the System - Master of the system so that the System-Master is authorised to authorise additional master media for this locking device.

Each OMEGA FLEX system has only **one** System-Master. Through the system identification code which is stored in the locking device and in the System-Master, it is ensured that only the System-Master belonging to a given system can be authorised for the locking devices of that system.

⚠️ For security reasons, you should authorise the System-Master on **all** locking devices.
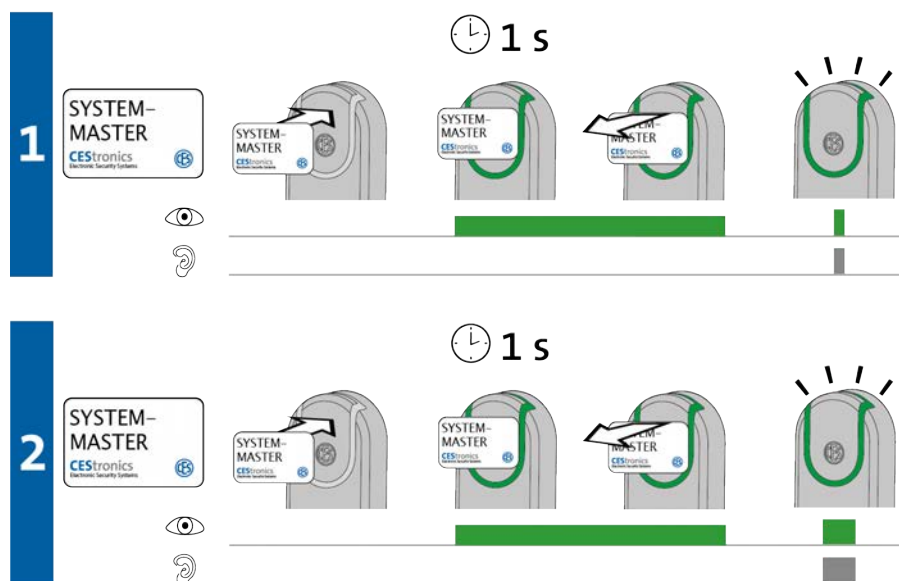
ℹ️ If you are using the OMEGA Suite: Ensure that the System-Master has been read into the OMEGA Client. As a result, it is automatically authorised for the locking device during the initial reprogramming of the locking device.

Required master media:

- System-Master

Procedure:

1. **Hold the System-Master for ca 1 second in the reading field of the locking device and then remove it from the reading field.**

   The following signal appears:

   1x short green and 1x short beep

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2. Hold the System-Master again for ca 1 second in the reading field of the locking device and then remove it from the reading field.

The following signal appears:

1x long green and 1x long beep

The System-Master is now authorised for this locking device.

Troubleshooting:

| Signalling	Reason	Solution
During step 1:		
👁 🟥🟥🟥🟥 👂 ▊▊▊▊	The System-Master does not have the correct system identification code.	Use the System-Master with correct system identification code.
During step 2:		
👁 🟥 👂 ▊	Another System-Master has already been authorised for this locking device.	⚠ Since, at any given time only one System-Master exists which can be authorised on the basis of individual system identification code for a locking device, there is reason to suspect manipulation. Contact your CES partner immediately!

2.2   Authorising additional master media

All master media must be authorised prior to their first use. The only exceptions are the RF-Ini-Master (in NET and VA devices) and the RF-Trace-Master.

Required master media:

- System-Master
- Any master media that needs to be authorised

Procedure:
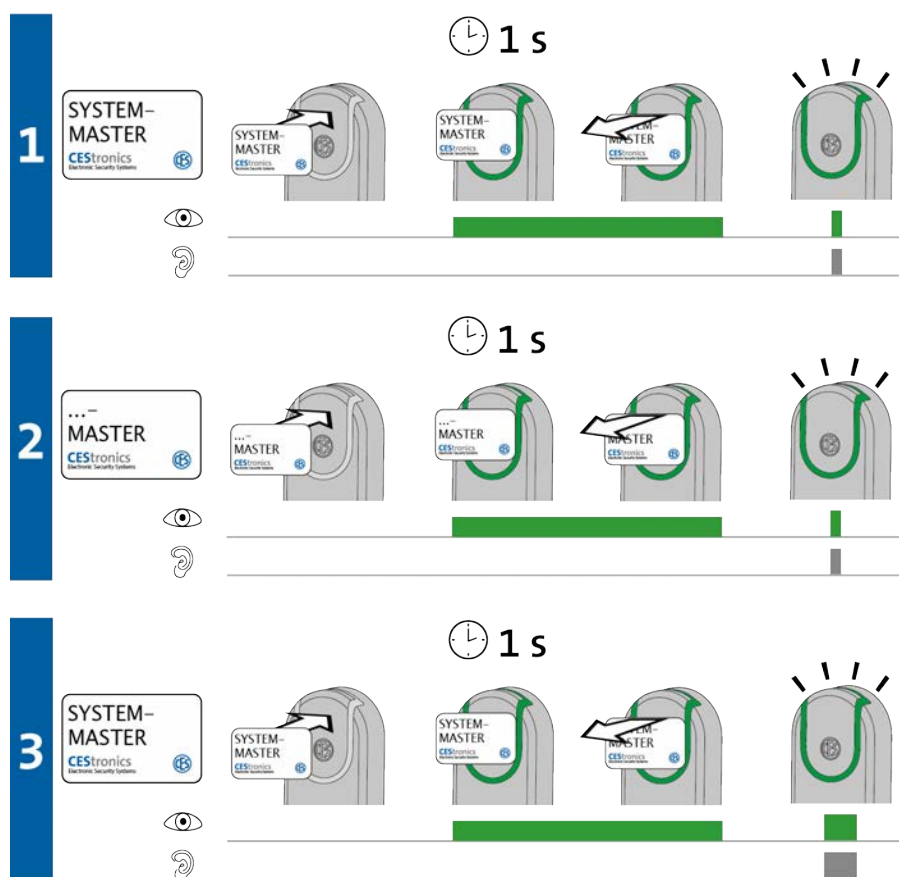
1. **Hold the System-Master for ca 1 second in the reading field of the locking device to start the "authorise mode" of the locking device.**

   The following signal appears:

   1x short green and 1x short beep

2. **Now you can authorise any number of master media one after the other by holding each master media for ca 1 second in the reading field of the locking device.**

   The following signal appears for each master media:

   1x short green and 1x short beep

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3. Hold the System-Master for ca 1 second in the reading field of the locking device to end the "authorise mode.

The following signal appears:

1x long green and 1x long beep

ⓘ The "authorise mode" will end automatically after 5 seconds. Die new authorisations remain stored.

All master media, which were held before reading field, are now authorised to make settings for this locking device.

Troubleshooting:

| Signalling	Reason	Solution
During step 2:		
	The master media could be read but could not be authorised:	
	a) You have tried to authorise a Program-Master for a V-NET locking device.	a) Program-Master cannot be authorised for V-NET devices.
	b) The master media has the wrong system identity code	b) Use a master media with the correct system identification code.
	c) You have used a locking media instead of a master-media.	c) Use a master media.
	d) you have tried to authorise an RF-Trace-Master or an RF-Ini-Master.	d) RF-Trace-Master and RF-Ini-Master cannot be authorised.

2.3 Deleting master media

⚠️ The deletion of a **Program-Master** deletes all locking authorisations which were assigned with this Program-Master.

ℹ️ The opening duration set with the**Time-Master** remains intact even after deletion of the Time-Master.

Required master media:

- System-Master
- Any master media, that needs to be deleted

Procedure:
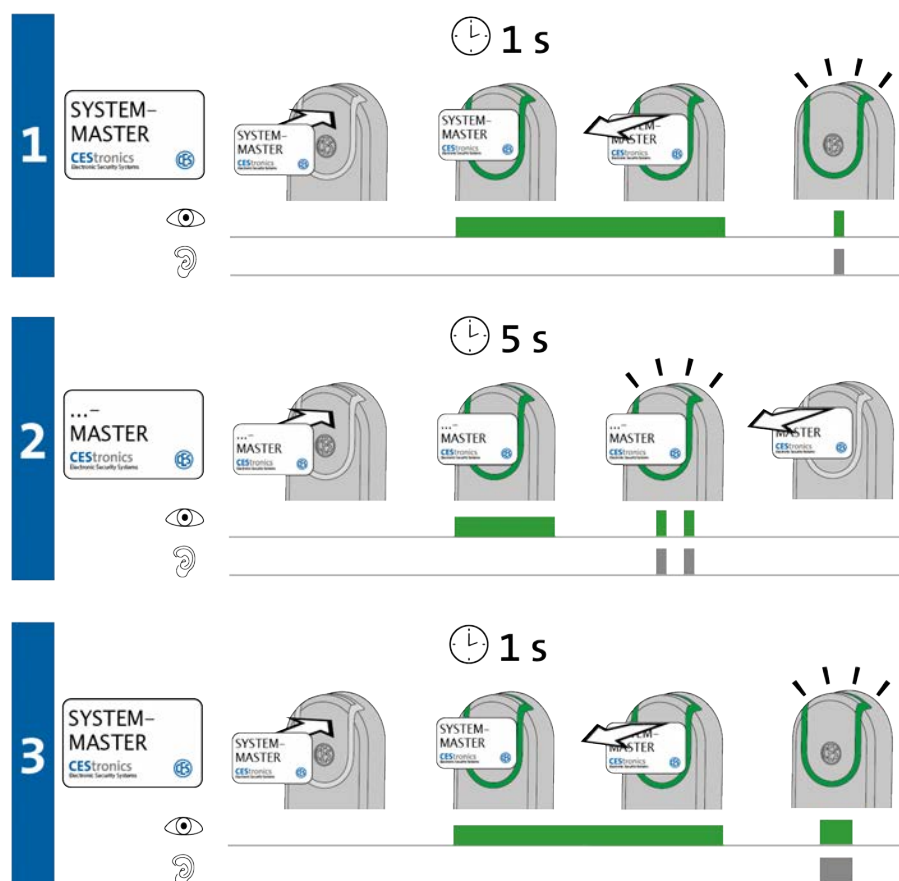
1. **Hold the System-Master for ca1 second in the reading field of the locking device to start the "delete master media" mode of the locking device.**
   The following signal appears:
   1x short green and 1x short beep

2. Now you can delete any number of master media one after the other by holding each master media for ca 5 second in the reading field of the locking device.

The following signal appears for each master media:

2x short green and 2x short beep

3. Hold the System-Master for ca 1 second in the reading field of the locking device to end the "delete master media" mode.

The following signal appears:

1x long green and 1x long beep

ⓘ The "delete master media mode" will end automatically after ca 5 seconds. The master media which were previously held before the locking device will be deleted.

All master media, which were held in the reading field, are now no longer authorised to make settings for this locking device.

Troubleshooting:

Signalling	Reason	Solution
During step 2:		
	The master media cannot be deleted because it does not belong to the master media, which mist be authorised.	The RF-Ini-Master (for NET and VA devices) and the RF-Trace-Master do not have to be authorised and therefore cannot be deleted.
	The master media was held too short in the reading field of the locking device. The authorisation was not deleted.	Keep the master media longer in the reading field of the locking device.

## 2.4 Deleting System-Master

Effects of deletion of System-Master

- Deletion of the System-Master results in deletion of all master media and locking authorisations from a locking device.
- All settings in the locking device, which were made with the OMEGA Client software (e.g. Time profiles, locking media authorisations etc.), remain intact after deletion of the System-Master.
- Deletion of the System-Master deactivates all active opening modes of a locking device. Online devices remain in online mode though.
- The opening period set with the Time-Master remains intact after deletion of the Time-Master.

Required master media:

- System-Master

Procedure:
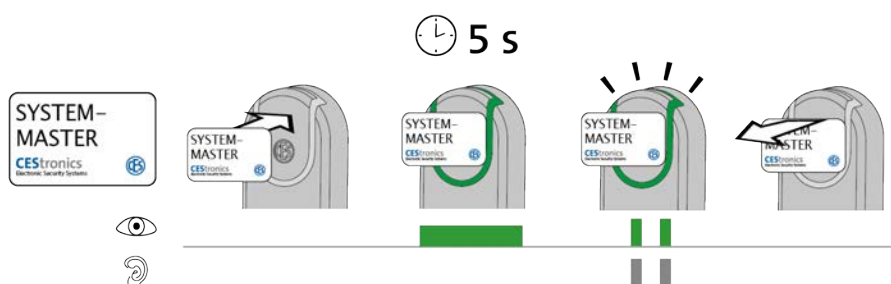
1. **Hold the System-Master for ca. 5 seconds in the reading field of the locking device.**

   The following signal appears:

   2x short green and 2x short beep

2. **Remove the System-Master from the reading field of the locking device.**

   It is automatically ensured that no access is possible in that if the coupling of the locking device was engaged, disengages.

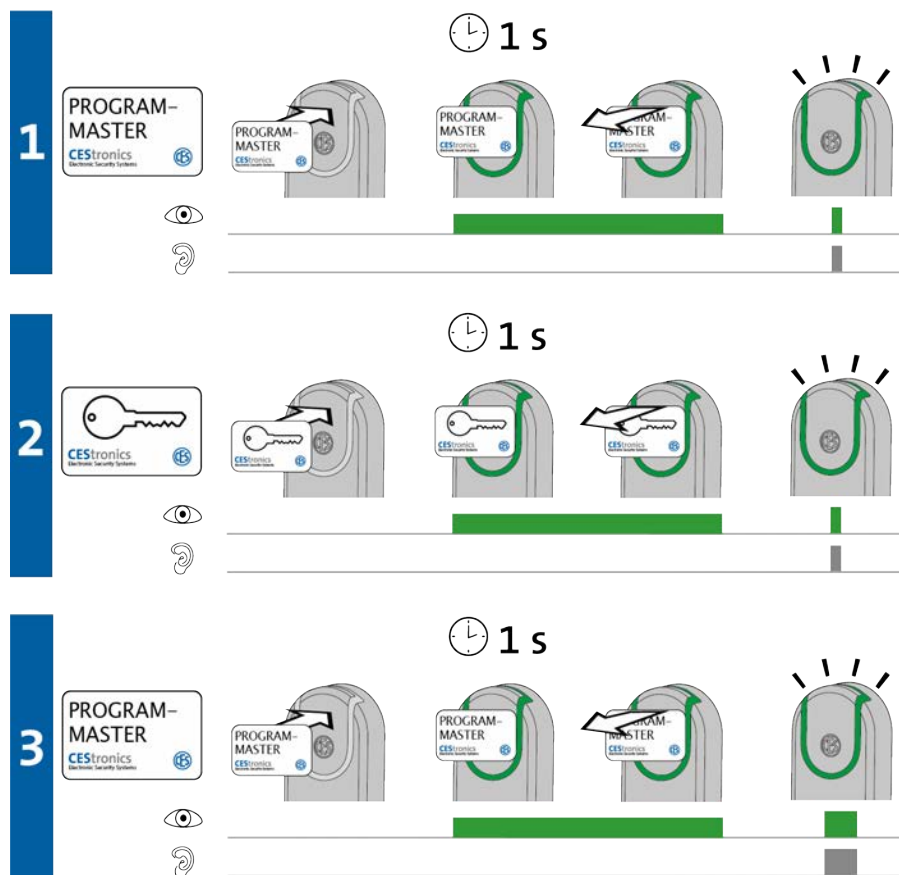   *The System-Master is now deleted from this locking device.*

2.5 Authorising locking media

Required media:

- Program-Master
- Any locking media that needs to be authorised

ⓘ The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:

1. Hold the Program-Master for ca 1 second in the reading field of the locking device to start the "authorise mode.
   The following signal appears:
   1x short green and 1x short beep

2. **Now you can authorise any number of locking media one after the other by holding each locking media for ca 1 second in the reading field of the locking device.**
   The following signal appears for each locking media:
   1x short green and 1x short beep

3. Hold the Program-Master for ca 1 second in the reading field of the locking device to end the "authorise mode.

The following signal appears:

1x long green and 1x long beep

ⓘ The "authorise mode" will end automatically after 5 seconds. Die new authorisations remain stored.

All locking media, which were held in the reading field, are now authorised to open this locking device.

ⓘ A locking media can be deleted from a locking device only with the *same* Program-Master with which it was authorised.

Troubleshooting:

| Signalling	Reason	Solution
During step 1:		
👁 🟥 👂 ⬛	The program-Master could be read but is not authorised for this locking device.	Authorise the Program-Master. ⓘ Note that you cannot authorise any Program-Master for the V-NET devices.
During step 2:		
👁 🟥 👂 ⬛	a) The locking media was already authorised with another Program-Master or via the OMEGA Client software. b) Instead of a locking media, a master media was held in the reading field.	a) Locking media can only be authorised with *a* Program-Master or via the software. b) Use a locking media.

2.6 Deleting locking media authorisations

⚠️ A locking media can be deleted from a locking device only with the *same* Program-Master with which it was authorised.

Required media:

- Program-Master with which the locking media was authorised
- Authorised locking media, whose authorisation is to be deleted.

Procedure:
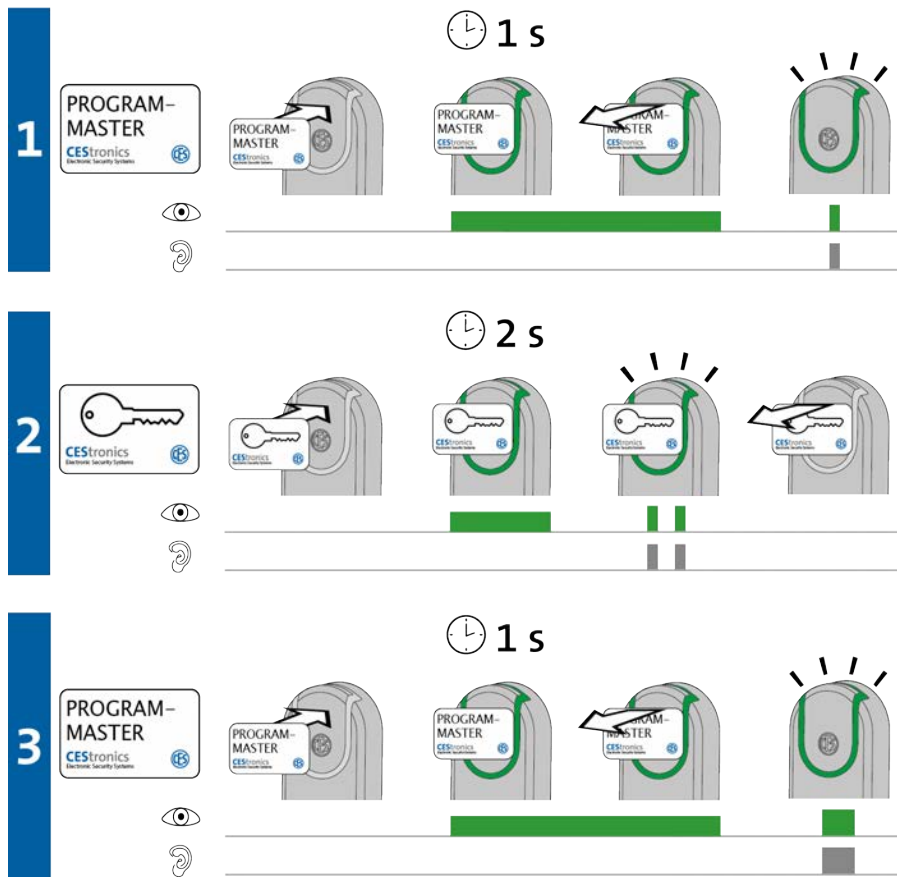
1. **Hold the Program-Master for ca 1 second in the reading field of the locking device to start the "delete locking media" mode.**

   The following signal appears:

   1x short green and 1x short beep

2. **Now you can delete any number of locking media one after the other by holding each locking media for ca 2 second in front of the reading field of the locking device.**

   The following signal appears for each locking media:

   2x short green and 2x short beep

3. Hold the Program-Master for ca 1 second in the reading field of the locking device to end the "delete locking media" mode
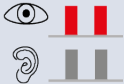
The following signal appears:

1x long green and 1x long beep

(i) The "delete locking media mode" will end automatically after 5 seconds. The locking media which were previously held before the locking device will thereby be deleted from the locking device.

All locking media, which were held in the reading field, are now no more authorised to open this locking device.

Troubleshooting:

Signalling	Reason	Solution
During step 1:		
	The program-Master was not yet authorised for this locking device.	Authorise the Program-Master.
During step 2:		
	The locking media was not authorised with the Program-Master used	Use Program-Master with which the locking media was authorised
	The locking media was held for too short a period in the reading field of the locking device. The authorisation was not deleted.	Hold the locking media longer in the reading field of the locking device.

2.7 Deleting all locking media authorisations simultaneously

⚠️ Only those locking media authorisations are deleted, which were added by the same Program-Master, which is also used for deletion.

Procedure:
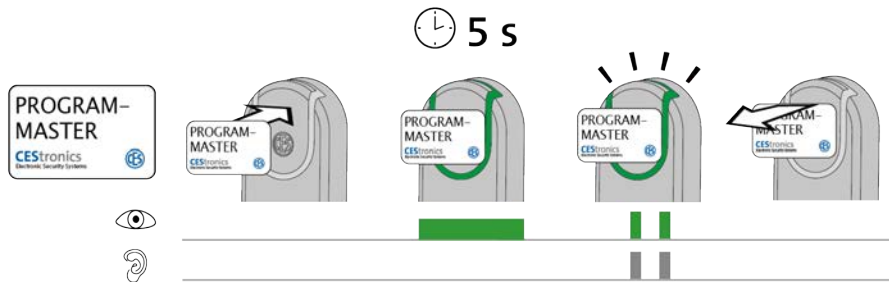
1. Hold the Program-Master before the reading field of the locking device.

   After ca. 5 second, the following signal appears:
   2x short green and 2x short beep

1. **Remove the Program-Master from the reading field of the locking device.**

   All locking media authorisations from this locking device are now deleted, which were added with this Program-Master.

2.8   Setting opening period

The opening duration is the length of time during which the locking device remains coupled, after an authorised locking media was held in the reading field of the locking device.
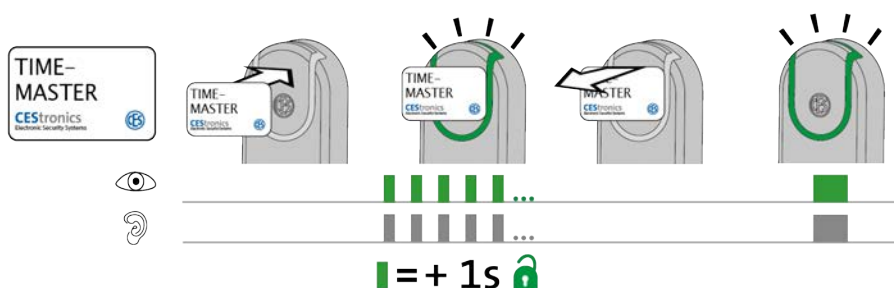
The longer the opening duration, the more time people have to operate the locking device after the authenticating with a locking media. The maximum opening duration is 180 seconds.

Required master media:

- Time-Master

(i)   The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:

$$\blacksquare = + 1s \; 🔓$$

1. **Hold the Time-Master before the reading field of the locking device.**
   The locking device starts to transmit flashing signals. Each flashing signal represents 1 second opening period.

2. **Hold the Time-Master before the locking device until the desired opening period is reached. If, for example, you desire an opening period of 20 seconds, wait for 20 flash signals**

3. **Remove the Time-Master from the reading field.**
   A signal confirming the setting follows:
   1x long green and 1x long beep

   The opening period is now set

(i)   The minimum opening period is 2 seconds. If you remove the Time-Master after 1 second from the reading field, the opening period will be set to 2 seconds.

(i)   The maximum opening duration is 180 seconds. Even if you hold the Time-Master longer in the reading field, the opening period will be set to 180 seconds.
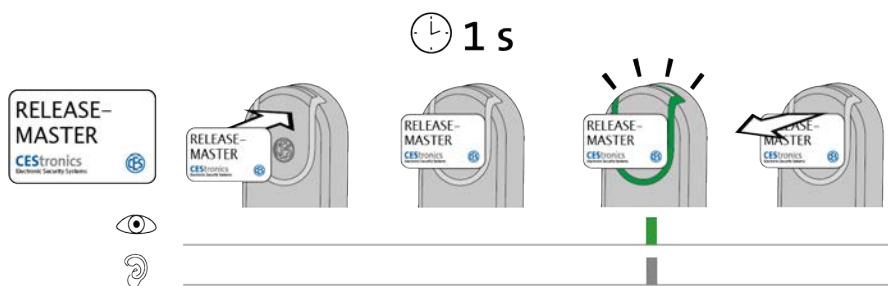
2.9 Activating release mode

A locking device which is in **release mode** remains permanently coupled, i.e. the door can be opened permanently without necessitating the use of any locking media.

Required master media:

- Release-Master

ℹ The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:

1. Hold the Release-Master before the reading field of the locking device.

After ca. 1 second, the following signal appears:

1x short green and 1x short beep

ℹ If the locking device already lights up green **while** the Release-Master is being read, but no green flashing signal appears after one second, release mode is already active.

2. Remove the Release-Master from the reading field of the locking device.

The release mode is now active. Permanent access without locking media is now possible because the coupling of the locking device is permanently engaged. The release mode has no time limit.

ℹ **Altered signalling in release mode:** In release mode, the locking device signals 1x long green (instead of 1x short green) after reading from an authorised locking media.

Troubleshooting:

| Signalling	Reason	Solution
👁 🟥 🦻 ⬛	A higher-priority opening mode is currently active	b) Deactivate the opening mode with the higher priority.
	The Release-Master is not authorised.	Authorise the Release-Master.

2.10   Deactivating release mode

Required master media:

- Release-Master

ⓘ The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:
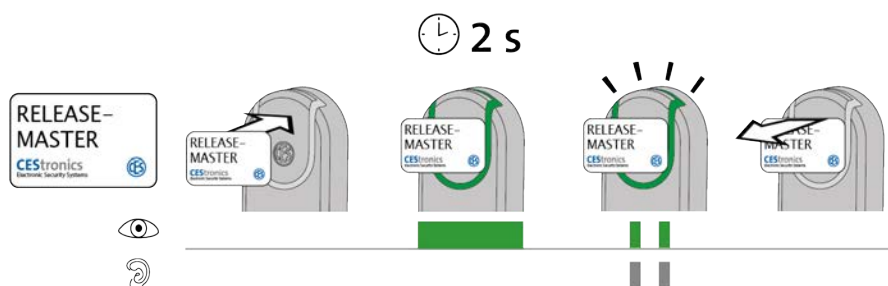
1. Hold the Release-Master before the reading field of the locking device.

After ca. 2 second, the following signal appears:

2x short green and 2x short beep

The release mode is now deactivated. To gain access, authorised locking media must now again be held before the locking device.

Troubleshooting:

Signalling	Reason	Solution
👁 🟥 👂 ⬛	A higher-priority opening mode is currently active	Deactivate the opening mode with higher priority.
	The Release-Master is not authorised.	Authorise the Release-Master

2.11   Activating block mode

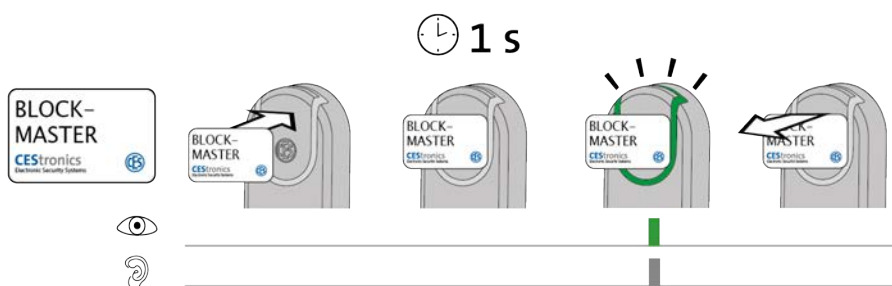A locking device **in block mode** remains permanently uncoupled, i.e. the door cannot be opened. An access even with an authorised locking media is no more possible.

Required master media:

- Block-Master

ⓘ   The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:

1. Hold the Block-Master before the reading field of the locking device.

After ca. 1 second, the following signal appears:

1x short green and 1x short beep

ⓘ   If the locking device already lights up green **while** the Block-Master is being read, but no green flashing signal appears after one second, block mode is already active.

2. Remove the Block-Master from the reading field of the locking device.

The block mode is now active. An access is not possible now even with an authorised locking media because the coupling of the locking devise is permanently disengaged. The block mode has no time limit.

ⓘ   Using an Emergency-Key, a locking device can still be opened in block mode.

Troubleshooting:

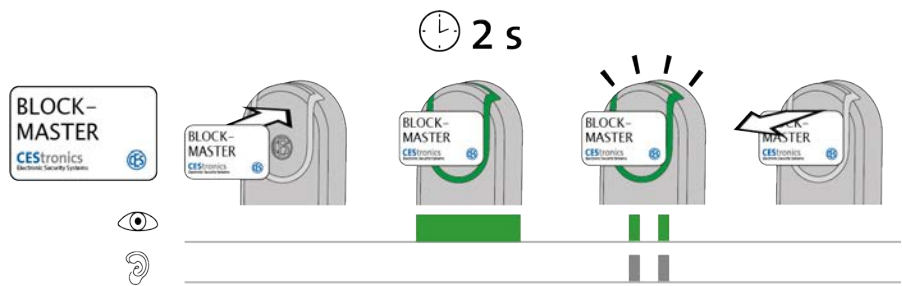| Signalling	Reason	Solution
👁 🟥 🦻 ⬛	A higher-priority opening mode is currently active	b) Deactivate the opening mode with the higher priority.
	The Block-Master is not authorised.	Authorise the Block-Master

2.12   Deactivating block mode

Required master media:

- Block-Master

(i)   The Program-Master must first be authorised for the locking device on which it is to be used

Procedure:

1. **Hold the Block-Master before the reading field of the locking device.**

   After ca. 2 second, the following signal appears:

   2x short green and 2x short beep

2. **Remove the Block-Master from the reading field of the locking device.**

   The blocking mode is now deactivated. An access with an authorised locking media is now possible again.

Troubleshooting:

Signalling	Reason	Solution
👁 🟥 👂 ⬛	A higher-priority opening mode is currently active	Deactivate the opening mode with higher priority.
	The Block-Master is not authorised.	Authorise the Block-Master

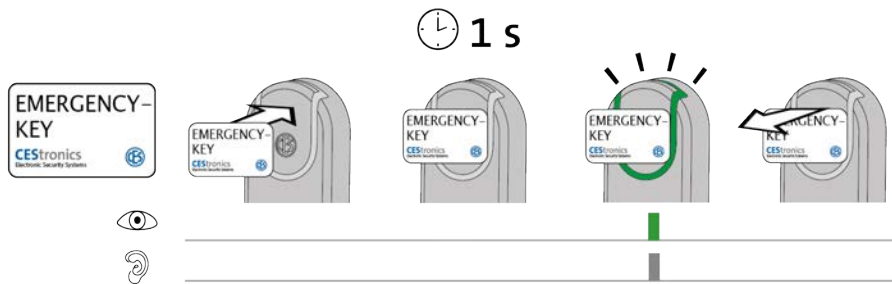Signalling of OMEGA FLEX Locking devices

2.13 Activating emergency mode

Required master media:

- Emergency-Key

ⓘ The Emergency-Key must first be authorised for the locking device with which it is to be used

Procedure:

1. **Hold the locking media before the reading field of the locking device.**

    After ca. 1 second, the following signal appears:

    1x short green and 1x short beep

ⓘ If the locking device already lights up green **while** the Emergency-Key is being read, but no green flashing signal appears after one second, emergency mode is already active.

2. **Remove the Emergency-Key from the reading field of the locking device.**

    The locking device is now in emergency mode. Permanent access without locking media is now possible because the coupling of the locking device is permanently engaged. The emergency mode can be deactivated by Emergency-Key only.

Troubleshooting:

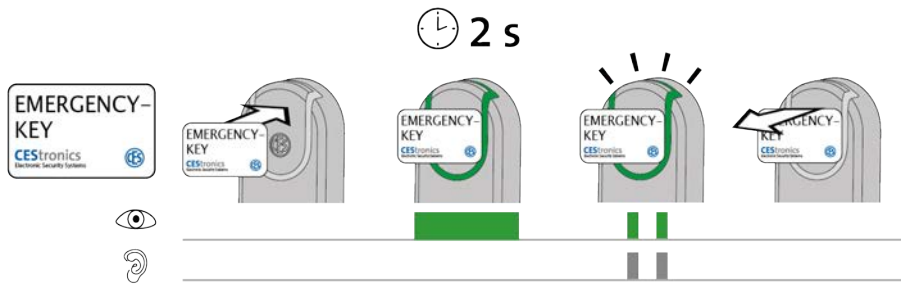| Signalling	Reason	Solution
👁 🟥 👂 ⬜	The Emergency-Key could be read but is not authorised for this locking device.	Authorise the Emergency-Key.

2.14 Deactivating emergency mode

Required master media:

- Emergency-Key

ⓘ The Emergency-Key must first be authorised for the locking device with which it is to be used

Procedure:

1. **Hold the locking media before the reading field of the locking device that is in emergency mode.**

   After ca. 2 second, the following signal appears:

   2x short green and 2x short beep

2. **Remove the Emergency-Key from the reading field of the locking device.**

   The emergency mode is now deactivated. To gain access, authorised locking media must now again be held before the locking device.

Troubleshooting:

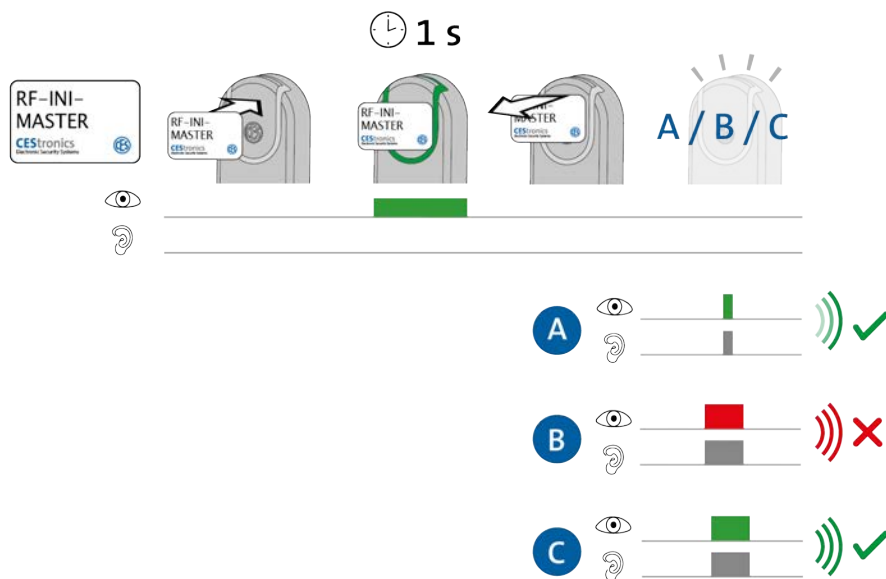| Signalling	Reason	Solution
👁🟥 🦻⬛	The Emergency-Key could be read but is not authorised for this locking device.	Authorise the Emergency-Key.

2.15 Activating online mode

Required master media:

- RF-Ini-Master

ℹ️ For the activation of online mode it is *not* necessary to authorise the RF-Ini-Master in advance.

Procedure:

1. Hold the RF-Ini-Master for ca 1 second in the reading field of the locking device.

Following signals appear:

A: 1x short green and 1x short beep

= successfully connected to the Access-Point

B: 1x long red and 1x long beep

 = no connection to the Access-Point possible

C: 1x long green and 1x long beep

= Connection to the Access-Point existed already

2. Remove the RF-Ini-Master from the reading field.

The online mode is now deactivated.

ℹ️ Even if no connection to the Access-Point was possible, the locking device is now in online mode. Once an Access-Point is found, it will connect itself automatically.

Troubleshooting:

| Signalling	Reason	Solution
While the RF-Ini-Master is held in the reading field:		
👁 🟥 👂 ⬛	The locking device does not belong to the variant NET or VA .	The online mode is not available for this locking device.

2.16   Deactivating online mode

Required master media:

- RF-Ini-Master

(i) For the deactivation of the online mode it is *not* necessary to authorise the RF-Ini-Master in advance.

Procedure:
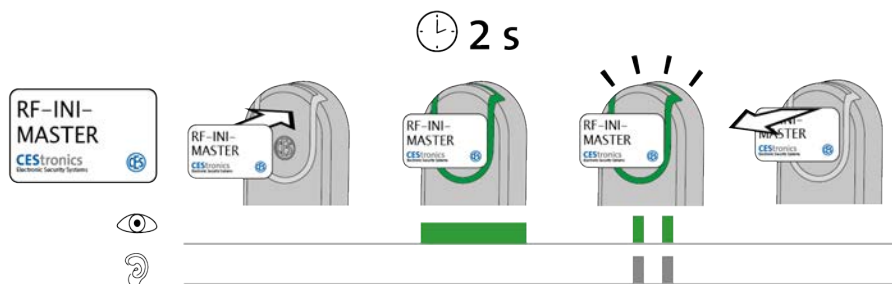
1. **Halten Sie den RF-Ini-Master ca. zwei Sekunden lang vor das Lesefeld des Schließgeräts.**

   The following signal appears:

   2x short green and 2x short beep

2. **Remove the RF-Ini-Master from the reading field.**

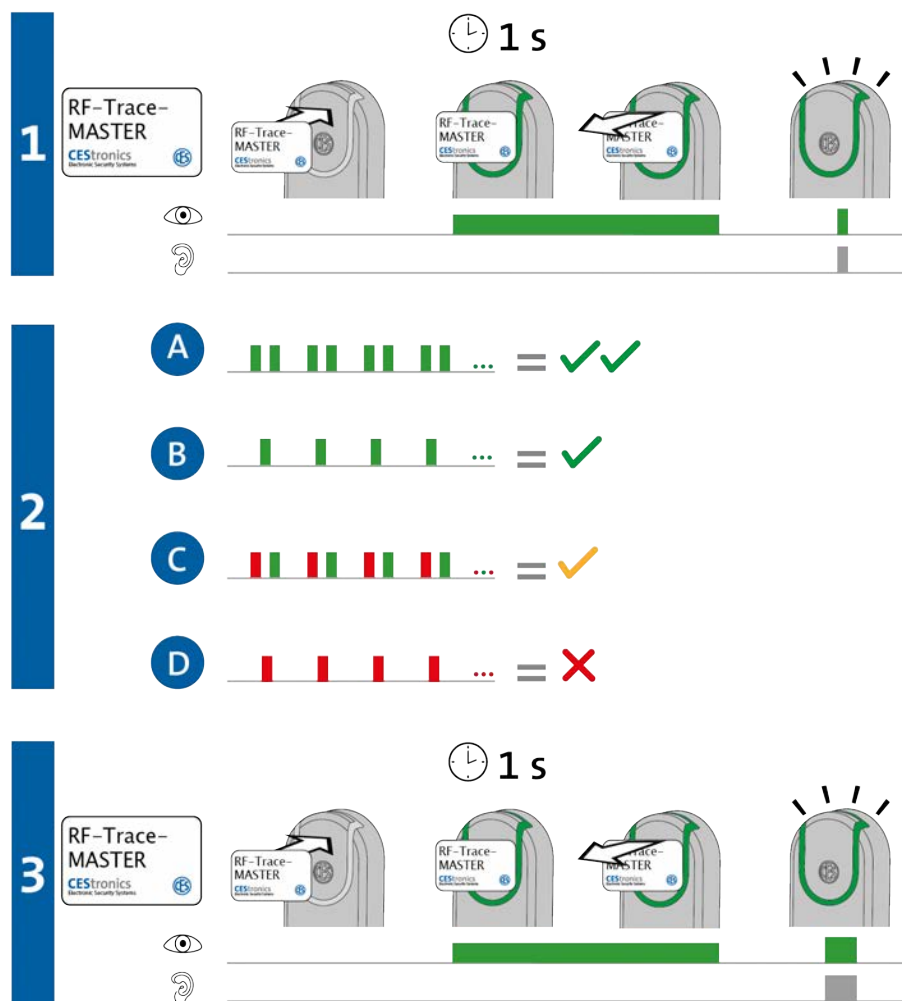   *The online mode is now deactivated.*

2.17   Checking quality of wireless connection

Required master media:

- RF-Trace-Master

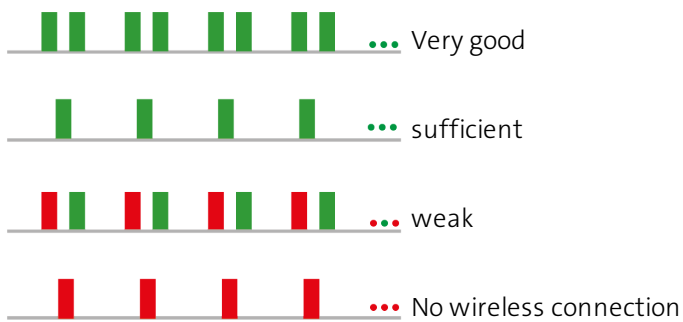ⓘ   The RF-Trace-Master is ready for immediate use and does not have to authorised first.

Procedure:

1. **Hold the RF-Ini-Master for ca 1 second in the reading field of the locking device.**

   The following signal appears:

   1x short green and 1x short beep

2. The locking device shows now the quality of the wireless connection:

▐▐ ▐▐ ▐▐ ▐▐ ▐▐ ••• Very good

▐ ▐ ▐ ▐ ••• sufficient

▐▐ ▐▐ ▐▐ ▐▐ ••• weak

▐ ▐ ▐ ▐ ••• No wireless connection

ⓘ The Access-Point associated with the Update-Terminal shows during wireless connection test the quality of the wireless connection with the same signalling as the locking device.

3. Hold the RF-Trace-Master ca 1 second in the reading field to end the wireless connection quality display.

The following signal appears:

1x long green and 1x long beep

The testing of the wireless connection quality is finished herewith.

ⓘ After 3 minutes, the wireless connection quality display will end automatically.

Troubleshooting:

Signalling	Reason	Solution
👁 ▐ 👂 ▮	The locking device does not belong to the variant NET or VA .	Der RF-Trace-Master kann nur an NET- und VA-Geräte verwendet werden.

2.18   Transmitting programming jobs with an RF-Stick to a locking device

**Required master media and administration devices:**

- RF-Stick-Master
- RF-Stick
- PC with OMEGA Client installed

Procedure for creating programming jobs:

1. Start the OMEGA Client and log in with your user name and password.

2. Set the desired changes in the OMEGA Client.

3. Start your changes accordingly as a change programming or new programming, e.g. through PROGRAMMING > PROGRAM ALL CHANGES.

   The status display of the OMEGA Client shows now "programming required". The individual programming jobs are shown under "Programming status".

Procedure for transmitting programming jobs via an RF-Stick:
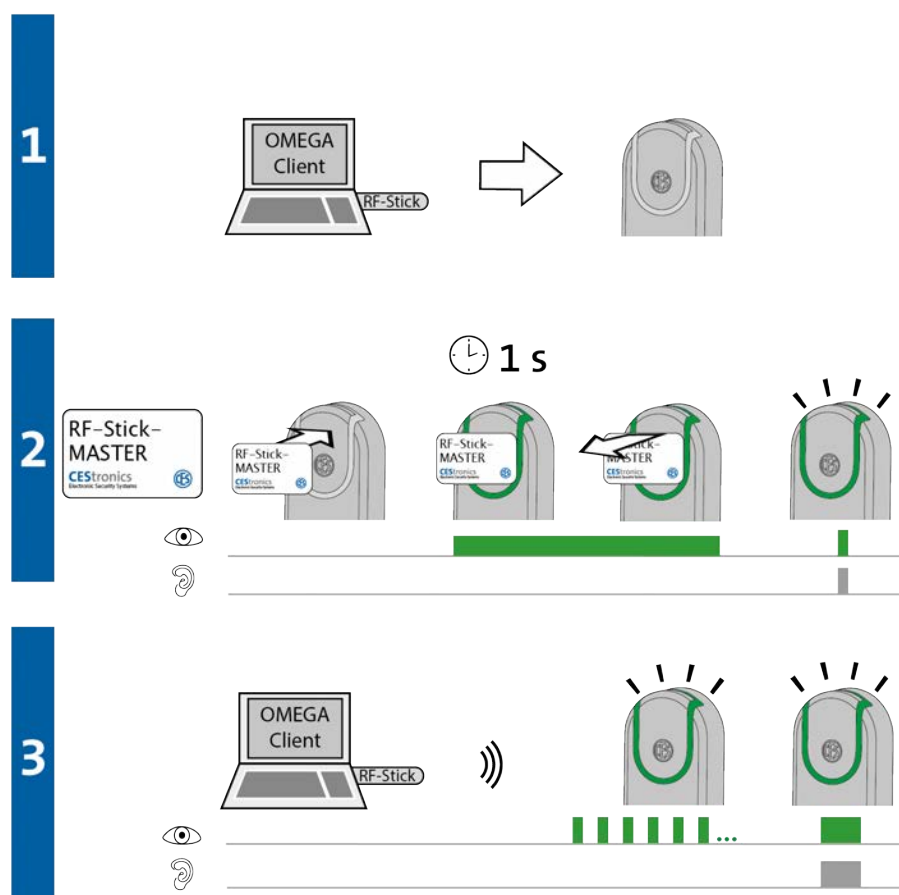
1. Proceed with your PC and the RF-Stick connected to it to the locking device into which the programming jobs are to be transmitted.

ⓘ If you want to transmit the programming jobs into multiple locking devices, you can freely choose the sequence in which you look for the locking devices.

2. Hold the RF-Stick-Master briefly in the reading field of the locking device.

The following signal appears:

1x short green and 1x short beep

3. The locking device searches now for an RF-Stick nearby.

ⓘ The distance between the locking device and the RF-Stick may not exceed ten meters.at the maximum.

As soon as the RF-Stick has been detected, the transmission begins. During transmission, the locking device flashes green.

During transmission the following happens:

- All programming jobs for this locking device are transmitted to this locking device. During programming, the programming status display shows the progress in percentage.

- All events stored in the locking device, which were not available to the OMEGA Client yet, will be copied into the OMEGA Client.

- The clock is set.

ⓘ If no programming jobs are available, only the events are copied and the clock is set. In this case, the locking device does not flash during the transmission.

After all data has been transmitted, the RF-Stick and the locking device are disconnected automatically. After transmission completion, the programming job is deleted from the "Programming status" list.

The programming job transmission is completed when the locking device signals 1x long green and 1x long beep.

Troubleshooting:

Signalling	Reason	Solution
During step 2:		
👁🟥 🔇⬜	The locking device cannot detect any RF-Stick nearby.	Move with a properly connected RF-Stick closer to the locking device and try to transmit the programming jobs once

Signalling	Reason	Solution
	again.	

3 Signalling after battery insertion

Signalling	Meaning
👁 🟥 🟨 ▏	Start sequence for offline locking devices: No error
👁 🟥 🟨 ▏▏	Start sequence for online locking devices: Device is online and is connected to the Access-Point
👁 🟥 🟨 ▏🟥	Start sequence for online locking devices: Device is online but no connection to Access-Point is possible
👁 🟥 🟥 🟥 ...	Firmware error. Execute a firmware update. If the problem persists, contact your CES partner.
	ⓘ In case a system error exists, it will be displayed immediately after the start sequence, see "System error" on page 38.

4   Battery warning system

When the battery power becomes weak, the locking device displays additional signals if

- authorised or unauthorised locking media were held in the reading field of the locking device or
- the locking device couples, e.g. after the release or emergency mode was activated.

These additional signals are the **battery warnings**.

> ⚠ **CAUTION**   **Lockout possible!**
>
> If the battery is empty, the door cannot be opened any more.
>
> - Therefore, replace the battery immediately **at warning level 1**!

Warning level	Signalling the battery alarm	Reason	Required action
1	👁 ▮	Battery capacity low	Replace the battery
2	👁 ▮ ▮	Battery capacity is nearly exhausted ⚠ A device failure is possible now!	Replace the battery immediately
3	👁 ▮ ▮ ▮	Battery is empty ⚠ A device failure is possible now at anytime!	Replace the battery immediately

5 Error signalling

Signalling	Reason	Solution
After reading a master media:		
	Master media error:	
	a) The master media is not authorised.	a) Authorise the master media.
	b) For master media, which control the opening modes: An opening mode with higher priority is active.	b) Deactivate the opening mode with the higher priority.
	c) The master media cannot be read because of the locking device variant (e.g. Program-Master for V-NET devices).	c) Check whether the master media can be used with the concerned device types.
After reading a master media or locking media:		
	1 The media is not authorised for this device.	1. Authorise the media for this device
	or	or
	2. The media could not be read completely because:	
	a) it was not held long enough in the reading field .	2a) Keep the media for a longer period in the reading field of the locking device.
	b) The master media or the V-NET locking media has wrong system Identification code.	2b) Use a master media or V-NET locking media with the right system identification code.
	c) a LINE locking media was held in the reading field of a V-NET device.	2c) LINE locking media could not be read by V-NET devices.
Additionally after reading the authorised or unauthorised locking media:		
	The battery alarm indicates that the batteries are going to be empty soon.	Replace the batteries.
or		
or		

System error

If system errors are present, they are signalled after to the following actions:

- after reading the authorised locking media
- after attempting to put handle set in release mode or emergency mode
- after the start sequence (insertion/connecting the batteries)

Signalling	Reason	Solution
👁 ▌▌▌■■ ■ 👂 ▌▌▌■ ■	System error: The actuator of the locking device is malfunctioning.	Check if the actuator has jammed. Check the wiring and contacts. If you cannot fix the error by yourself, contact your CES partner.

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