

# Instruction manual

## - Mounting -

- Safety instructions**
- No modifications of any kind are permitted to Kentix GmbH products, with the exception of those described in an appropriate manual.
  - To avoid malfunctions, use only original parts and original accessories.
  - The products must not be used to seal aids that are vital in an emergency (e.g. defibrillator, first aid kit, emergency medication and fire extinguisher).
  - The products must not be exposed to paint or acids.
  - The instructions should be passed on to the user by the person carrying out the installation.
  - Kentix accepts no liability whatsoever for damage to the door or components caused by incorrect installation.
  - No liability is accepted for incorrectly programmed units. Kentix shall not be liable in the event of malfunctions, such as failure to provide access to injured persons, damage to property or other damage.
  - The suitability of the locking units in fire protection or emergency exit doors must be checked in each case.

- Safety instructions for battery-powered products**
- Do not use products in potentially explosive atmospheres.
  - Only operate the products within the defined temperature range.
  - Installation and battery replacement may only be carried out by trained personnel in accordance with the instructions.
  - Do not charge, short-circuit, open or heat batteries.
  - When inserting the battery, ensure correct polarity.
  - The devices must always be operated with the batteries intended for the product.
  - When changing batteries, always replace all batteries.
  - Dispose of old or used batteries properly.
  - Keep batteries out of the reach of children.
  - Only use a suitable emergency power adapter with 9V voltage for emergency powering.

- Use of the products, transport, storage**
- Installation and commissioning may only be carried out by trained specialist personnel in accordance with the instructions.
  - Kentix accepts no liability for damage to the unit or components caused by incorrect installation.
  - Protect the unit from moisture, dirt and damage during transport, storage and operation.
  - Further information can be found online at docs.kentix.com.

- Disposal**
- Kentix would like to point out that, in accordance with the Electrical and Electronic Equipment Act (ElektroG), Kentix appliances must be collected separately from unsorted municipal waste.
  - Used batteries must be removed from the old device and disposed of separately before handing it in at a collection point. Collection points for old electrical appliances are available for return. The addresses can be obtained from the respective city or municipal administration.
  - If the device to be disposed of contains personal data, the user is responsible for deleting this data.

**CE Declaration of Conformity**  
Kentix GmbH hereby declares that the equipment is in conformity with the essential requirements and relevant provisions of Directives 2014/53/EU and 2011/65/EU. The long version of the CE declaration of conformity can be requested from info@kentix.com.

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**[kentix.com](http://kentix.com)**

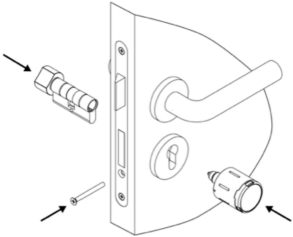
DoorLock-DC BASIC

[ART: KXC-KN1-BLE, KXC-KN2-BLE]



**Intended use**  
The electronic knob cylinder is intended for installation in building doors and for locking and unlocking locks. Depending on the product version, the knob cylinder can be used both indoors and outdoors.  
The installation must only be carried out by a competent person.

**Mounting plan**



**Installation**  
Insert the DoorLock-DC profile cylinder into the door and secure it with the supplied forend screw. Then push the electronic knob into the cylinder until the knob engages. To dismantle, use the disassembly card to loosen the connection between the profile cylinder and the knob. Then follow the steps above in reverse order.

**Commissioning**  
A set of programming cards is required for commissioning.  
For setup information, see the back cover or docs.kentix.com.

**Teaching-in DoorLock components in KentixONE**  
All DoorLock DC/LE radio components are taught-in via the KentixONE software interface on the connected AccessManager (ART: KXP-16-x-BLE).  
During the teach-in process, the radio range is reduced; the distance between the component and the AccessManager should not exceed 5-8m. After successful teach-in, the range is again up to 20m.  
In the menu item "Detailed view", click on the button "Add device". Select "DoorLock-DC/LE" here and hold the "system card" briefly in front of the reader according to the instructions. The device will be learned into the KentixONE software within a few seconds and can then be configured.

**Accessories (included in delivery)**  
Battery replacement tool, set of programming cards, 2x Li-battery 3V

**Technical data**  
*Radio frequency:* 2.4GHz (BLE)  
*Transmitting power:* 1mW  
*RFID frequency:* 13.56 MHz  
*RFID field strength:* in accordance with EN 300 330  
*Batteries:* 2 pieces, type CR2 Lithium 3V

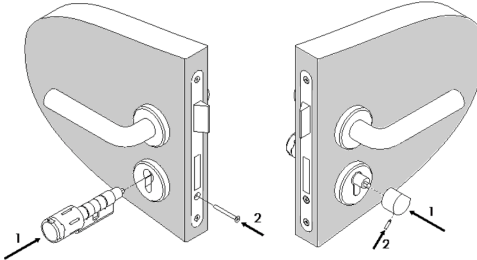
DoorLock-DC PRO

[ART: KXC-KN4-IP55-BLE, KXC-KN4-IP66-BLE]



**Intended use**  
The electronic knob cylinder is intended for installation in building doors and for locking and unlocking locks. Depending on the product version, the knob cylinder can be used both indoors and outdoors.  
The installation must only be carried out by a competent person.

**Mounting plan**



**Installation**  
Insert the cylinder housing together with the electronic knob into the lock and secure it with the supplied forend screw. Push the mechanical knob onto the end of the cylinder housing and then secure it with the grub screw. To dismantle, carry out the above steps in reverse order.

**Commissioning**  
A set of programming cards is required for commissioning.  
For setup information, see the back cover or docs.kentix.com.


**Teaching-in DoorLock components in KentixONE**  
All DoorLock DC/LE radio components are taught-in via the KentixONE software interface on the connected AccessManager (ART: KXP-16-x-BLE).  
During the teach-in process, the radio range is reduced; the distance between the component and the AccessManager should not exceed 5-8m. After successful teach-in, the range is again up to 20m.  
In the menu item "Detailed view", click on the button "Add device". Select "DoorLock-DC/LE" here and hold the "system card" briefly in front of the reader according to the instructions. The device will be learned into the KentixONE software within a few seconds and can then be configured.

**Accessories (included in delivery)**  
Battery replacement tool, set of programming cards, 1x Li-battery 3V, Allen key

**Technical data**  
*Radio frequency:* 2.4GHz (BLE)  
*Transmitting power:* 1mW  
*RFID frequency:* 13.56 MHz  
*RFID field strength:* in accordance with EN 300 330  
*Batteries:* 1 piece, type CR2 Lithium 3V

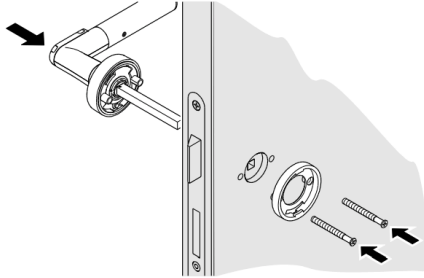
DoorLock-LE

[ART: KXC-LE-BLE-R, KXC-LE-BLE-L]



**Intended use**  
The electronic lever handle is designed for installation in building doors and for opening locks. Depending on the product version, it can be used both indoors and outdoors.  
The installation must only be carried out by a competent person.

**Mounting plan**



**Installation**  
Attach the lever handle holder of the mechanical lever handle from the other side and screw it to the electronic lever handle through the door leaf. Use the fastening screws supplied for this purpose. Fit the mechanical door handle, keeping the door handle horizontal. For door handles pointing to the right, tighten the rose to the left, guide it over the handle mount and let the bayonet catch engage. Similarly, for door handles pointing to the left, tighten the rose to the right. Screw in the locking screw on the underside of the handle and tighten it firmly. To dismantle, carry out the above steps in reverse order.

**Commissioning**  
A set of programming cards is required for commissioning.  
For setup information, see the back cover or docs.kentix.com.


**Teaching-in DoorLock components in KentixONE**  
All DoorLock DC/LE radio components are taught-in via the KentixONE software interface on the connected AccessManager (ART: KXP-16-x-BLE).  
During the teach-in process, the radio range is reduced; the distance between the component and the AccessManager should not exceed 5-8m. After successful teach-in, the range is again up to 20m.  
In the menu item "Detailed view", click on the button "Add device". Select "DoorLock-DC/LE" here and hold the "system card" briefly in front of the reader according to the instructions. The device will be learned into the KentixONE software within a few seconds and can then be configured.

**Accessories (included in delivery)**  
Allen key, square, fixing screws, 1x Li-battery 3V

**Technical data**  
*Radio frequency:* 2.4GHz (BLE)  
*Transmitting power:* 1mW  
*RFID frequency:* 13.56 MHz  
*RFID field strength:* in accordance with EN 300 330  
*Batteries:* 1 piece, type CR123 Lithium 3V

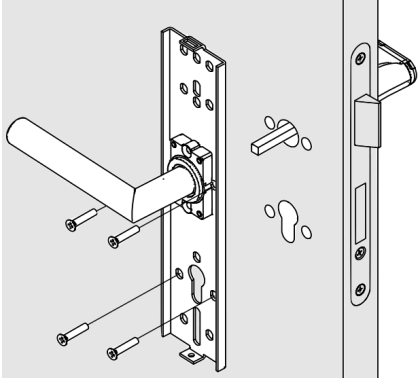
DoorLock-LE with fitting

[ART: KXC-LE-BLE-FS, KXC-LE-BLE-FSB]  
KXC-LE-BLE-FW, KXC-LE-BLE-FWB,  
KXC-LE-BLE-FL, KXC-LE-BLE-FLB]



**Intended use**  
The electronic door fitting is designed for installation in building doors and for opening locks. Depending on the product version, it can be used both indoors and outdoors.  
The installation must only be carried out by a competent person.

**Mounting plan**



**Installation**  
Insert the square spindle of the electronic lever handle into the square spindle of the lock. Attach the base plate of the mechanical lever handle from the other side and screw it to the electronic lever handle through the door leaf. Use the fastening screws and threaded bolts supplied for this purpose. Place the escutcheon cover on both lever handles on the base plate and unscrew the locking screw on the underside of the escutcheon so that the escutcheon is firmly seated. Screw in the locking screw on the underside of the mechanical door handle and tighten it firmly. To dismantle, carry out the above steps in reverse order.

**Commissioning**  
A set of programming cards is required for commissioning.  
For setup information, see the back cover or docs.kentix.com.


**Teaching-in DoorLock components in KentixONE**  
All DoorLock DC/LE radio components are taught-in via the KentixONE software interface on the connected AccessManager (ART: KXP-16-x-BLE).  
During the teach-in process, the radio range is reduced; the distance between the component and the AccessManager should not exceed 5-8m. After successful teach-in, the range is again up to 20m.  
In the menu item "Detailed view", click on the button "Add device". Select "DoorLock-DC/LE" here and hold the "system card" briefly in front of the reader according to the instructions. The device will be learned into the KentixONE software within a few seconds and can then be configured.

**Accessories (included in delivery)**  
Allen key, square, fixing screws, 1x Li-battery 3V

**Technical data**  
*Radio frequency:* 2.4GHz (BLE)  
*Transmitting power:* 1mW  
*RFID frequency:* 13.56 MHz  
*RFID field strength:* in accordance with EN 300 330  
*Batteries:* 1 piece, type CR123 Lithium 3V

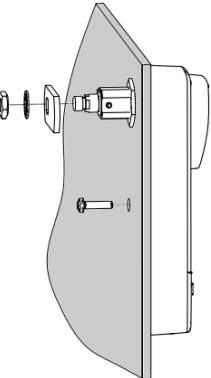
DoorLock-RA

[ART: KXC-RA2-14-BLE, KXC-RA2-23-BLE]



**Intended use**  
The electronic cabinet lock is designed for installation in locker and cabinet doors made of wood, steel and aluminium with a thickness of up to 20 mm and for locking and unlocking locks. The cabinet lock is designed exclusively for indoor use.  
The installation must only be carried out by a competent person.

**Mounting plan**



**Installation**  
Push the cabinet lock through the hole in the door and fix it in place using the fastening nut and fastening screw. Then fix the supplied locking lever and the lock washer with the fastening nut. To dismantle, carry out the above steps in reverse order.

**Commissioning**  
A set of programming cards is required for commissioning.  
For setup information, see the back cover or docs.kentix.com.

**Teaching-in DoorLock components in KentixONE**  
All DoorLock DC/LE radio components are taught-in via the KentixONE software interface on the connected AccessManager (ART: KXP-16-x-BLE).  
During the teach-in process, the radio range is reduced; the distance between the component and the AccessManager should not exceed 5-8m. After successful teach-in, the range is again up to 20m.  
In the menu item "Detailed view", click on the button "Add device". Select "DoorLock-DC/LE" here and hold the "system card" briefly in front of the reader according to the instructions. The device will be learned into the KentixONE software within a few seconds and can then be configured.

**Accessories (included in the scope of delivery)**  
Battery change tool, set of programming cards, 1x Li-battery 3.6V

**Technical data**  
*Radio frequency:* 2.4GHz (BLE)  
*Transmitting power:* 1mW  
*RFID frequency:* 13.56 MHz  
*RFID field strength:* in accordance with EN 300 330  
*Batteries:* 1 piece, type AA Lithium 3.6V (ER14505M)

### Maintenance and operating recommendations

#### Cleaning

Clean DoorLock only with a dry or slightly damp cloth. Use only commercially available household cleaners for this purpose. Do not use abrasive or corrosive cleaning agents.

#### Maintenance

Oil mechanical components at least once a year (more often in the case of heavy use). To do this, dismantle the DoorLock-DC. Clean the mechanical components with a dry cloth and relubricate. For DoorLock-DC BASIC, apply oil to the profile cylinder and the mechanics of the knob. With DoorLock-DC PRO, apply oil to the locking rings of the profile cylinder. Lightly oil the seal rings each time the knob case is removed. Lubricate only with resin-free maintenance oil (KXC-PLS50ML).

### Maintenance and operating recommendations

#### Cleaning

Clean DoorLock only with a dry or slightly damp cloth. Use only commercially available household cleaners for this purpose. Do not use abrasive or corrosive cleaning agents.

#### Maintenance

At least once a year (more often in the case of heavy use) maintain mechanical components and check for ease of movement. To ensure the IP66 protection class of the DoorLock-LE for outdoor use, the seals, consisting of a large sealing ring and a grub screw with sealing ring, must always be replaced each time the handle is opened (battery change). Lightly oil the seal rings each time the lever case is removed.

### Maintenance and operating recommendations

#### Cleaning

Clean DoorLock only with a dry cloth.

#### Maintenance

Check mechanical components for ease of movement at least once a year.

# Instruction manual

## - Programming -

### Important notes





- Each set of master cards comes with a card with a system ID printed on it. We strongly recommend that you separate this card from the rest of the set and store it in a safe place (safe). The card contains the system ID and is required for reordering if the service card is lost. If the system ID is lost, only a time-consuming reset at the factory is possible!
- The service key card (yellow) contains the system ID and is only required to teach-in the DoorLock components to the respective AccessPoint. One exception is the knob DoorLock-DC BASIC, where the system card is also required to teach in the service cards for battery replacement and disassembly.
- Duplicates (clone cards) can only be created if the system ID printed on the "system card" is indicated. A release declaration from the end customer is required to order the clone cards.
- DoorLock components can only be reset to their original factory condition at the factory. When components are returned, this may result in costs for resetting. Resetting the taught-in service card to a new service card is possible without any problems. Both cards are required for this.



### Prepare device

- Pull off the knob cover
- Pull battery lock out of battery compartment or insert batteries.

### Teach-in service key card

- Hold service key card **(yellow)** in front of the knob, wait **5 seconds**.
- Hold the service key card in front of the knob again to start the programming mode.
- Hold the battery change card **(green)** in front of the knob, wait **5 seconds**.
- Hold the disassembly card **(blue)** in front of the knob, wait **5 seconds**
- Hold the service key card **(yellow)** in front of the knob to complete the process.

### Function test

- Hold the service key **(yellow)** briefly in front of the knob to start the programming mode.
- Hold a user card/key fob briefly in front of it to program it. Hold the service key in front of the knob to complete the process.
- Hold the programmed user card in front of the unit. When the installation is complete, it must now be possible to open the unit.
- Hold the battery change card **(green)** in front of the knob. The retaining pins for the knob cover are released and can be pressed into the knob. Then hold it out again to lock it in place.
- Hold the disassembly card **(blue)** in front of the knob. The knob moves to the dismantling position. When placed on a profile cylinder, the locking lug of the cylinder also turns. Then hold it out again to lock it, the knob now turns freely again.

### Disassembly-assembly of the knob

- Hold the disassembly card **(blue)** in front of the knob, the knob moves into the disassembly position and is permanently engaged. It can be removed from the profile cylinder by turning and pulling it slightly.
- To assemble, put the knob on and hold the disassembly card **(blue)** in front of it, the knob and the profile cylinder are locked and the knob can be turned freely.

### Changing the battery


- Hold the battery change card **(green)** in front of the knob, the retaining pins for releasing the knob cover move back, the cover can be pulled off to change the battery.
- After fitting the knob cover, make sure that the pins are correctly locked in place.



### Prepare device

- Place the magnet on the marked spot (round recess) of the knob shell.
- Pull off the knob casing and insert the battery (type CR2).
- Push the knob casing onto the knob up to the rubber seal.
- Place the magnet on the marking of the knob cover and push the cover on as far as it will go.

### Teach-in service key card

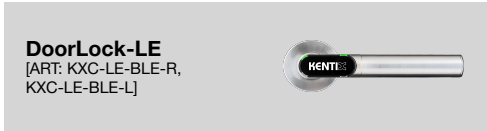
- Hold service key card **(yellow)** in front of the knob, wait **5 seconds**.
- Hold the service key card in front of the knob again. The service key is now programmed.

### Function test

- Hold the service key **(yellow)** briefly in front of the knob to start the programming mode.
- Hold a user card/key fob briefly in front of it to program it.
- Hold the service key in front of the knob to complete the process.
- Hold the programmed user card in front of the unit. When the installation is complete, it must now be possible to open the unit.

### Changing the battery


- Place the battery change tool on the marked spot on the inner edge of the knob casing.
- With the battery change tool in place, pull off the knob casing.
- Remove the used battery and insert a new one. Make sure that the polarity is correct.
- Replace the knob casing with the battery replacement tool in place.
- Remove the tool and check the correct fit of the purchase sleeve on the knob.



### Prepare device

- Push the enclosed battery (type CR123) into the handle or insert it into the battery holder and put the cover on the lever.
- Screw on the lever using the Allen key supplied.

### Teach-in service key card

- Hold the service key card **(yellow)** for about 1 second in front of the lever to activate.
- Hold the service key card in front of the lever again. The service key is now programmed.

### Function test

- Hold the service key **(yellow)** briefly in front of the lever to start the programming mode.
- Hold a user card/key fob briefly in front of it to program it.
- Hold the service key in front of the lever to complete the process.
- Hold the programmed user card in front of the unit. When the installation is complete, it must now be possible to open the unit.

### Changing the battery


- Using the Allen key supplied, countersink the screw on the inside of the DoorLock-LE inwards.
- Pull off the handle sleeve.
- Remove the used battery and insert a new one. Make sure that the polarity is correct (the negative pole of the battery points towards the handle sleeve). When inserting the battery, the DoorLock must be in the horizontal basic position.



### Prepare device

- Insert the supplied battery (type ER14505) into the battery compartment.
- Insert the battery compartment into the cabinet lock.

### Teach-in service key card

- Press the white button on the DoorLock-RA.
- Hold the service key card **(yellow)** in front of the cabinet lock for about 1 second. The service key is now programmed.

### Function test

- Hold the service key **(yellow)** briefly in front of the cabinet lock to start the programming mode.
- Hold a user card/key fob briefly in front of it to program it.
- Hold the service key in front of the cabinet lock to complete the process.
- Hold the programmed user card in front of the unit. When the installation is complete, it must now be possible to open the unit.

### Changing the battery

- Open the battery compartment of the DoorLock-RA with the battery replacement tool. To do this, press the tool into the opening on the underside of the DoorLock until the battery compartment can be removed.
- Remove the used battery and insert a new one. Make sure that the polarity is correct.
- Push the battery compartment back in until it clicks into place.

## Resetting the components

### Resetting the AccessManager

Both the AccessManager and each of the Kentix DoorLock devices can be reset to factory settings if required (e.g. misconfiguration). For this purpose, the AccessManager has a button that can be reached via the rear of the housing (recess at the top right). To reset, please follow the instructions in the manual.

### Resetting the DoorLock components

- Hold the service key card **(yellow)** in front of the reading unit of the device and keep it there until the programming mode is automatically terminated (15 seconds). **Then wait 5 seconds**.
- Hold the service key card in front of the reader and leave it in front of it. The DoorLock device signals the deletion process with short tones. **Keep the service key card in front of the reader until the signaling stops.**

### Change service key card to a new one

If the unit is to be retrained from an old to a new service key card, the following steps must also be completed:

- Hold the old service key card **(yellow)** in front of the reader to start the programming mode.
- Hold the new service key card **(yellow)** in front of the reader. Successful relearning is signaled by a beep and the end of the programming mode.
- The unit can now only be used with the new service key card **(yellow)**.