



## Passive transponder lock

### ● Introduction



Congratulations on purchasing your new device. You have chosen a high-quality product. Familiarise yourself with the product before using it for the first time. In addition, please carefully refer to the instructions for use and the safety instructions below. The product must only be used as described and for the specified fields of application. Keep these instructions in a safe place. If you pass the product on to anyone else, please be sure to also include all documentation.

	Read the instructions!		Wear safety gloves!
	Observe the warnings and safety notices!		Dispose of the packaging and the product in an environmentally compatible manner!
	Explosion hazard!		Direct current
			For your safety

### ● Intended use

The passive transponder IPWatch furniture lock is suitable for indoor use with any type of furniture, and has a high range. Any use other than described above or any modification of the product is prohibited and will result in damage. Any use other than described above or any modification of the product is prohibited and will result in damage. The manufacturer is not liable for any damages caused by improper use.

### ● Parts' Description

- |   |   |
|---|---|
| 1 Front lock piece (IPLock Closing Bolt Zamak straight)     | 7 Passive transponder (IPLock RFID Card PT) |
| 2 Corner lock piece (IPLock Closing Bolt Zamak 90°)         | 8 Lock body (IPLock Easy PT)                |
| 3 Corner closing piece LC (IPLock Closing Bolt Plastic 90°) | 9 Battery compartment cover                 |
| 4 Bolts   | 10 Battery                                  |
| 5 predrilled holes  | 11 Lock                                     |
| 6 Countersunk head screw, ø 4 mm (recommendation)           | 12 PC connection for interface              |
|   | 13 Programming key                          |

### ● Technical Information

Dimensions:	60 x 60 x 22 mm
Batteries:	3V  Lithium batteries, CR123A type (lock)
Permitted temperature	0-40 °C, non-condensing
Transponder operating frequency:	125 kHz
Lock body material:	plastic
Lock parts:	Bolts, steel
Locking mesh:	48 x 48 mm
Capacity:	50 Transponders per lock

Product number: IPLock Easy PT: 06200001  
IPLock Closing Bolt Zamak straight: 06300012  
IPLock Closing Bolt Zamak 90°: 06300013  
IPLock RFID Card PT: 06100002  
IPLock Closing Bolt Plastic 90°: 06300011

### ● Items supplied

- 1 x Lock body (IPLock Easy AT)
- 3 x Transponder (IPLock RFID Card PT)
- 1 x Battery 3V lithium battery, type CR123A
- 1 x Assembly instructions and instructions for use



### Safety Notices

Damage due to failure to comply with these instructions for use will void the warranty! We assume no liability for consequential damage! We assume no liability for property damage or personal injury due to improper handling or failure to observe the safety notices!

#### ⚠ WARNING! \RISK OF LOSS OF LIFE AND ACCIDENT TO INFANTS AND CHILDREN!

- Never leave children unsupervised with the packaging materials. The packaging material poses a suffocation hazard. Children frequently underestimate the dangers. Please always keep the product out of the reach of children.
- This device may be used by children age 8 years and up, as well as by persons with reduced physical, sensory or mental capacities, or lacking experience and/or knowledge, when supervised or instructed in the safe use of the device and they understand the associated risks.
  - Do not allow children to play with the device. Cleaning and user maintenance must not be performed by children without supervision.
  - **DANGER TO LIFE!** During installation keep children away from the area in which you are working. A large number of screws and other small parts are included within the scope of delivery. These may prove life-threatening if swallowed or inhaled.
  - IPWatch GmbH products are not designed for use in life support or life saving systems or other similar uses. Using the products for their non-intended purposes can lead to cases of failure, malfunction, personal damage or damage to property.
  - The product is suitable for use in dry and clean areas only. Use in areas near water, dirt or high humidity is dangerous and prohibited.
  - The product may not be used in conjunction with highly flammable liquids.
  - Do not exceed the electrical limits that are listed in „Technical Data“.

### ● Safety Instructions for Batteries

⚠ **WARNING!** Keep batteries away from children. Do not leave batteries lying around. There is a danger that these will be swallowed by children or pets. If they are accidentally swallowed seek immediate medical attention.

- Never recharge, short-circuit and / or open non-rechargeable batteries. Never throw batteries into fire or water. Otherwise there is danger of explosion.
- Please note the polarity when inserting the batteries! This is shown in the battery compartment. Otherwise there is danger of explosion.
- Do not subject the batteries to extreme environmental conditions or temperatures, such as those near heating radiators. This poses a risk of leaking.
- Remove spent batteries immediately from the device. There is an increased risk of leaks!

-  Check regularly to make sure the batteries in the device are not leaking. Leaking or damaged batteries can cause chemical burns if they come into contact with the skin; in such cases you must wear suitable protective gloves!
- Avoid contact with the skin, eyes and mucous membranes. Any parts of the body coming into contact with battery acid should be rinsed off with copious amounts of water and / or a doctor contacted if necessary!
- If necessary, clean the contacts on the batteries and on the device itself before inserting them.
- Remove the batteries from the device if it will not be used for a prolonged period.
- Dispose the batteries according to the disposal instructions.

## ● Before installation

### ● Inserting batteries

#### Lock

- Open the battery compartment cover **9** and insert the new battery **10** (3V lithium battery, CR123A) in the battery compartment.  
**Please note:** Make sure you insert the batteries with the correct polarity.
- Place the battery compartment cover **9** back on the battery compartment.

### ● Installation (see Fig. A-C)

**Please note:** the furniture must be made of non-metallic material. The range is approx. 30mm. The distance between the locks must be 15 cm, so that they can work effectively. To ensure that the installation is mechanically stable, a 10mm long screw is recommended.

- Hold the lock body **8** in the place where you wish to install it and mark the drill holes using the pre-drilled holes **5**.
- Hold the desired locking part **1**, **2**, **3** to the place where you wish to install it and mark the drill holes using the pre-drilled holes **5**.

**⚠ CAUTION! RISK OF INJURY!** Please refer to your power drill's instructions for use.

- Now drill the mounting holes (Ø 4mm).
- Attach the lock body **8** and the locking part **1**, **2**, **3** to your furniture **6** (not included) with the countersunk head screws.

## ● Initial use

### ● Activating the programming card

- Hold the programming button **13** down, until you hear three short beeps. A ticking sound will follow the beeps.
- Hold the programming card **7** in front of the lock body **8**. 2 beeps will confirm that it has been successfully activated.

### ● Activating the user card

- Hold the previously activated programming card to the lock body **8** until you hear a beep.
- Now hold one of the transponders **7**, which you wish to activate and use as a user card, to the lock body **8**. The programming process will be confirmed with a beep.

### ● Deactivating the user card

- Hold the previously activated programming card to the lock body **8** until you hear a beep.
- Now hold an already activated user card to the lock body **8**. The deactivation process will be confirmed with a beep. The user card is now deactivated.  
**Please note:** You can activate/deactivate a passive transponder **7** as often as you like.

### ● Activating a user card without a programming card

- Hold the programming button **13** down, until you hear a short beep. A ticking sound will follow the beep. The lock is now ready to activate a transponder **7**.
- Hold the transponder **7** in front of the lock body **8**. A two tone sound will confirm that it has been successfully activated.  
**Please note:** After every activated transponder, the ticking sound **7** will be 4 seconds longer. A tone scale will signal the end of activation.

### ● Deactivating the user card without a programming card

- Hold the programming button **13** down, until you hear a short beep. A ticking sound will follow the beep. The lock is now ready to deactivate **7** a transponder.
- Hold the already activated user card **7**, which you want to delete, in front of the lock body while it is ticking **8**. Four quick beeps will confirm that it has been deleted.  
**Please note:** After every activated transponder, the ticking sound will be 4 seconds longer. A tone scale will signal the end of deactivation.

### ● Using the lock

There are different types of signals in operating mode.

- If you hear three beeps in succession, the passive transponder **7** is not activated.
- If the lock is installed in an EMC (electromagnetic compatibility) loaded environment, the lock warns you about this with an alarm, as a shorter battery life can be expected in this environment.



Four short beeps signal low battery. The battery should be changed (see „Changing the battery“ section).

### Passive transponder (IPlock RFID card PT) **7**

- In order to lock **11** the lock, close the furniture, so that the bolt **4** in the lock **11** engages and hold the passive transponder **7** to the lock body **8**. You will hear a beep when the lock **11** locks.
- To open **11** the lock, hold the passive transponder **7** to the lock body again **8**. You will hear a beep when the lock **11** opens. You can now open the furniture.

### ● Changing the settings on the furniture lock

... contact us! [entwicklung@ipwatch.de](mailto:entwicklung@ipwatch.de) ...

## ● Changing the batteries

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The battery should always be changed when the lock alerts you by beeping four times, signalling low battery.

**Please note:** If the lock is mounted in such a way that you can not reach the battery compartment easily, the furniture lock must be taken down before changing the battery.

- Open the battery compartment cover **9** and remove the old battery **10**.
- Insert the new battery (3V lithium battery CR123A) in the battery compartment.

**Please note:** Make sure you insert the batteries with the correct polarity.

- Place the battery compartment cover **9** back on the battery compartment.

**Please note:** If you delay changing the battery until the battery is empty, the lock will open automatically and can not be relocked until the battery is changed.

**Please note:** After changing the battery, the transponder must **7** be reprogrammed (see „programming the transponder“ section)

## ● Cleaning and Care

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- Do not use solvents, petrol, etc. Doing so would damage the product.
- Never immerse the product in water.
- Only use a dry, lint-free cloth for cleaning.

## ● Disposal

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The packaging is made from environmentally friendly materials which can be disposed of through your local recycling facilities.

Contact your municipality for information on how to dispose of your worn-out product.

To help protect the environment, please dispose of the product properly when it has reached the end of its useful life and not in the household waste. Please contact your local authority for information on collection points and their opening hours.

Defective or used batteries must be recycled in accordance with Directive 2006/66/EC. Return batteries and/or the appliance using the recycling facilities provided.



**Improper disposal of batteries can harm the environment!**

Batteries may not be disposed of in the household waste. They could contain poisonous heavy metals and are subject to hazardous waste treatment. The chemical symbols of the heavy metals are: Cd = cadmium, Hg = mercury, Pb = lead. Therefore dispose of used batteries through your local collection facilities.

## ● Service

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### IPWatch GmbH

Hilgerstrasse 23  
45141 Essen, Germany  
order@ipwatch.de  
www.ipwatch.de

For all enquiries, please have your product number ready.

## ● Warranty

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This product was developed and produced with care by IPWatch GmbH. The warranty is valid 12 months from the date of purchase and can be claimed, where applicable, upon presentation of the receipt. IPWatch GmbH's warranty obligation is limited to repairing or exchanging the product free of charge. Costs and risks incurred from transportation, assembly and disassembly, as well as any other costs which may be associated with the repair of the product, will not be reimbursed by IPWatch GmbH. The liability for consequential damages resulting from incorrectly using the device in any way, is excluded.

### IPWatch GmbH

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Modell: IPlock Easy PT  
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