

# AIR

BeCode



**BeCode**<sup>®</sup>  
KEYLESS LOCK SYSTEMS

Member of the BELOXX Group

# AIR/AIR+

## The intelligent BeCode for radio-controlled locking systems made by Beloxx®

AIR / AIR+ is the innovative BeCode for radio-controlled locking systems whose intelligence is second to none – AIR / AIR+ operates without hierarchies. While hierarchical functionality especially limits the options available in conventional mechanical locks, AIR / AIR+ users can be adapted at random depending on which person is to be granted authorization.

The keys used with AIR / AIR+ are always transponders which take the form of a credit card (keycard), keyring or wristband. Authorizations can be granted via an app or in the traditional way with a transponder; the former option being the most convenient of the two. Applying your organizational requirements to the locking system is child's play. It couldn't be easier.

AIR / AIR+ can be easily integrated into existing RFID environments that operate on 13.56 MHz. The RFID standard is irrelevant: You can quite easily continue using existing transponders (e.g. those used for building access). The principle of keyless access remains.

Both AIR and AIR+ designs are identical. The only difference is that AIR is installed in the existing cylinder lock, while AIR+ has an integrated lock that fits into any standard lock cutout.







### Exceptional design

The simple and timeless design and subtle colors adapt themselves superbly to all materials used for the design of cabinets and lockboxes. The design conforms to the innovative character and the optimized BeCode function, which was presented the interzum intelligent material & design award in 2013.

The front ring of the AIR/AIR+ is silver-colored. Other colors are, of course, available at the customer's request. In addition, individual branding or company logos can be added to the front window of the cover. Talk to us about your options.

**RFID technology makes opening secure locks easier than ever for users.**









## Technology simplified

The simple handling of the BeCode AIR/AIR+ makes it ingenious. Simply hold the transponder in front of the BeCode AIR/AIR+, then turn the BeCode 90° clockwise – it opens! To lock it again, turn the BeCode 90° anticlockwise – it locks! It couldn't be easier.

And when it comes to its administration, it is blindingly easy. AIR/AIR+ provides you with the option to grant access to various people or authorize a number of different user groups. Use one or several Admin Cards to provide authorizations, change or expand these authorizations, or cancel them without any difficulty. The response can be immediate and effective even if a card is lost. That's technology simplified.

### Innovation and integration

Currently, the AIR/AIR+ is a one-of-a-kind locking system in its class and can be integrated into virtually all relevant 13.56-MHz radio-control standards worldwide. The use of the different standards can be set on the BeCode itself. Generally speaking, there are – like mobile communication in the RFID environment – different standards. Due to its innovative concept, the AIR/AIR+ is compatible with almost all standards, which maximizes its options considerably and, with that, increases its potential.

What's more, the BeCode AIR/AIR+ can be integrated into a variety of radio standards, even independently of one another. Thus, users do not have to make a commitment regarding a single standard. When using the Admin Card, keycards of various standards can be programmed or deprogrammed simultaneously. Even radio-controlled systems that are added subsequently can be easily linked with the BeCode AIR/AIR+. That's how integrative innovation can be.





## AIR/AIR+ features at a glance

- Easy to integrate into existing radio-controlled environments, such as ISO 15693, ISO 14443A, LEGIC, LEGIC advant, HID iCLASS
- Simultaneously supports almost all RFID solutions in the 13.56 MHz range, such as Mifare, HID, Tag-it, LEGIC and many more
- 12,000 closing operations possible with one battery (approx.. 3-year service life)
- Can be configured for a variety of user groups
- Simple locking without transponder
- Can be installed in wood and metal cabinets
- Suitable for right- or left-handed use
- Quick and easy operation / time saving
- Wireless installation
- No external programming devices required
- Mobile hand-held device available for convenient and advanced administration and programming
- Modes available for variable or permanent users

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### AIR features

- Can be installed subsequently in existing furniture
- Can be combined with different locking systems by means of an adapter

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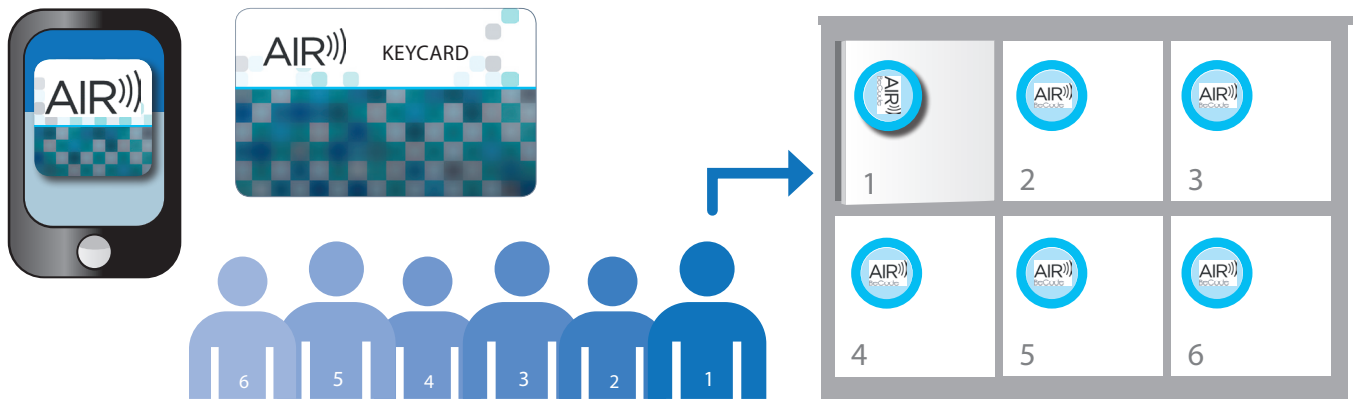
### AIR+ features

- With integrated lever lock





## Example of applying the “permanent user” mode in a modern office building

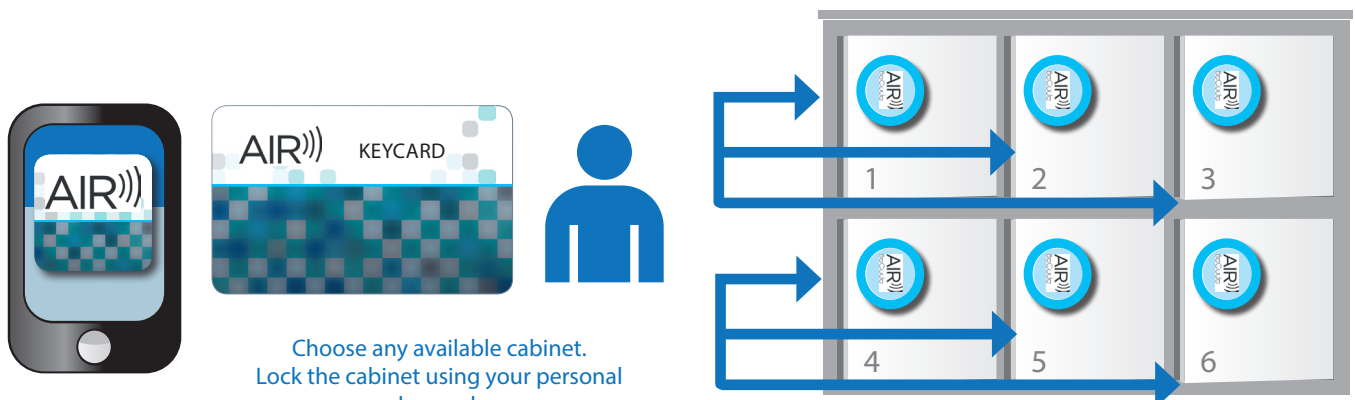


Open the cabinet door using your personal keycard or the app on an NFC-capable smartphone.

Cabinets for permanent users, e.g. office, civil service or bank employees.

Employees are assigned specific cabinets.  
Employees are given a personal keycard for accessing their cabinet.  
Each cabinet can be assigned to multiple employees.

## Example of applying the “variable user” mode in a gym



Choose any available cabinet.  
Lock the cabinet using your personal keycard.

Cabinets for variable users, e.g. in gyms, mobile offices, hospitals, etc.

Visitors can choose any available cabinet and lock it using their personal keycard.  
The cabinet can then only be opened again using this keycard.











# NFC – the possibilities are endless

The BeCode AIR / AIR+ now also supports NFC (near field communication), which is being used in more and more applications and has already been integrated into many smartphones.

The great thing about NFC is that data is only transmitted when both devices are just a few centimeters apart. This makes it virtually immune to spying violations.

The use of NFC makes communicating with the lock significantly easier. This, in turn, makes it possible to offer additional functions that were previously only possible with considerable outlay. For example, you can now find out who accessed the lock recently and you can check who was the last person to access the cabinet at any given time.

What's more, the timer function lets you program the BeCode to be unlocked automatically at a specified time. This lets you, for example, have cleaning or maintenance work carried out efficiently. You

also have the additional option of later software updates for the installed product.

By using NFC, mobile devices from various manufacturers can also be used as transponders. The available app which is preinstalled on your mobile device, makes the locking system administration highly convenient for you.

You can set up all access authorizations for the BeCode AIR /AIR+ in the app and then transmit them straight to the lock via NFC. Using the integrated import and export functions, you can share and synchronize various data between the app and the existing customer system. As such, you can easily import existing user profiles and transmit them to the lock.

In the case of more sophisticated systems that require a certain level of network capability, you also have the option of sharing data between the lock and the transponder and synchronizing it automatically with the existing IT system.







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KEYLESS INTELLIGENCE