Paxos® advance Series
Redundant – Modular – Reliable

Twofold security – protection and reliability
The Paxos® advance IP has been a reliable value protection for years. Demanding customers requests secure access and secure protection. This is guaranteed by this first-class and high-quality multi-lock system. Simple handling and needs-based configuration options allow customer-friendly operation.

Reliability through redundancy
All components in the secured area are implemented redundant. This guarantees the function of the system even in case of fault detection and guarantees secure access in any case. Many years of operation have proven the reliability and valuable services.

Modular and networked multi-lock system
The modularity of the Paxos® advance IP allows a customer-friendly system; from small systems to large and complex security doors or multi-lock security systems. Several input units and several locks can be used together in one system, likewise the extensions for interactions with alarm systems - whether for alarming or for temporary lock blocking.
The networking option offers full control through a central point. This optimises the overview of the locks, allows remote auditing and recording of all processes at the lock and offers configuration options such as adjusting opening times, managing lock users and much more.

System properties
- Modular bus system designed for up to 12 components (consisting of redundant locks, up to 3 input units and up to 3 I/O- or IP-Boxes)
- 2 fully redundant system parts (alternating operation, mutual monitoring)
- Reset function (system shelve)
- Addressing function (automatic)
- Automatic detection/charging of inserted rechargeable batteries
- 2 code formats (PIN only or ID+PIN)
- Duress alarm (format selectable)
- Parallel mode (flexible opening procedure due to same codes in all door locks)
- Partial locking (daytime operation; only last door lock operated)
- Programmable by keypad or by PC-program, local via USB or via IP network
- Central monitoring over an IP network
- Remote disable over an IP network as well

Time functions

- Automatic clock change (DLST)
- Date/time format 24 h I 12 h (AM/PM)
- 28 weekly locking periods (iterative)
- 28 holiday locking periods
- 28 yearly locking periods (iterative)
- 28 partial locking periods (iterative)
- 8 time lock override periods
- Display next opening time (selectable)
- Immediate TL (code lock 1 can start a locking period anytime)
- Delay time lock (code lock 1 can delay an upcoming time lock anytime)
- Input (I/O- or IP-Box) to avoid opening delay
- 3 ways of (emergency-) time lock interruption (unplanned events):
  - Pushing red button (I/O- or IP-Box)
  - Input I/O- or IP-Box
  - Code entry (respective code profile rights to be programmed with AS384-W software)

Approvals

- EN 1300 B, ECB•S, VdS Class 2, with keypad input unit
- EN 1300 C/D, ECB·S, VdS Class 3/4, with dial knob input unit

* Global setting (lock 1), during partial locking (last door lock), daytime- and code-related settings available (code profile), Counting direction selectable: up, down, not displayed

Accessories

AS384-NETW programming software

For centralized, quick and easy programming of many lock systems (time- and code configurations, operation mode, in-/output settings of the I/O- and IP-Box, etc.) via an IP network. Furthermore, the vast event memory (audit) can be read out, filtered/ grouped case-related and exported alike
Only available by the use of this software:

- Monitoring of lock system states
- Remote disable over an IP network
- Defining inner compartment locks
- Setting code format ID+PIN (required for code profiles)
- Defining counting direction (delays)
- Reprogramming in-/ output settings
- Audit with filter-, group- and export function

AS384-USBW programming software

With the AS384-USBW programming software, locally over the USB interface the same programming options as with AS384-NETW (via an IP network) are available

AS384 AUDITW software

With AS384-AUDITW audit functions with filtering, grouping and export options are available over the USB interface

External Plug-in Power Unit

Plug-in power unit for connection with the I/O- or IP-Box 100 - 240 VAC/47-63 Hz /12 VDC, 1A

Rechargeable battery pack Ni-MH

Nickel-Metal-Hydride 7,2 V / 1000mAh

Bus cable (2x Bus A/Bus B)

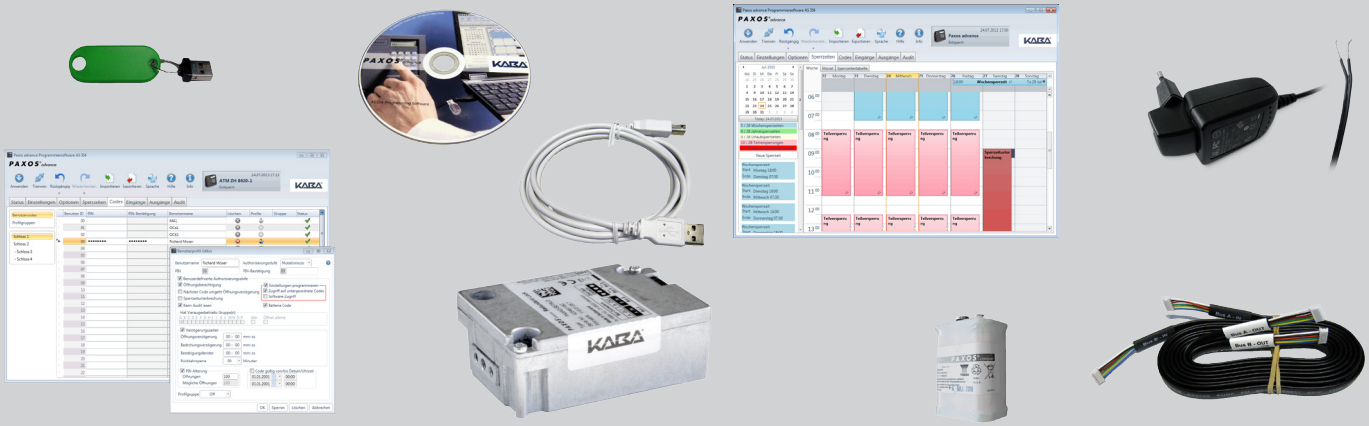
Lengths: 50 / 100 / 300 cm

Code functions

- 100 codes per lock
- Hierarchical levels:
  Opening code (OC), Master code (MA),
  Mutation code (MU), Time code (TC)
  PIN only: 1 MA, 1 MU, 1 TC, 97 OC
  ID+PIN: 1 (Super-)MA, 2 OC, 97 Codes with configurable profiles
- Authorizations:
  OC: Lock opening, changing/deleting own code
  MA: Defining/changing/deleting codes, programming all settings incl. time functions
  MU: Defining/changing/deleting OCs
  TC: Programming time functions
  All: Immediate TL I Delay Time Lock
- Dual mode (four-eye-principle):
  - Groups to define who opens with whom
  - Single opener
- Code related opening delay
- Time Lock interruption by code
- Courier function «Next code opens without delay»
- Code aging by number of openings or by date
- Code blocking
- Penalty time after 5 consecutive, wrong code entries

Minimal system requirements

- Microsoft® Windows® 7 SP1 / 8 / 10 / Server 2008 R2 SP2 / Server 2012
- 2-GHz-Prozessor 32 Bit(x86)/64 Bit(x64) 850 MB (32 Bit) / 2 GB
- (64 Bit) hard disk / 2 GB RAM / 1024 x 768 Pixel display
- .NET Framework 4.5
- 2 USB Ports (dongle/locking system)



Subject to change. Version 03/2019.