


ABLOY® PROTEC

New electromechanical ABLOY® cylinder

“A Lock With An IQ”

A close-up photograph of an ABLOY PROTEC CLIQ lock cylinder. The cylinder is shown in a three-quarter view, with the keyhole on the right side. The keyhole is open, and a key is partially inserted. The cylinder has a silver finish. The background is a dark, circular area with a vibrant rainbow light effect emanating from the keyhole. The text "A Lock With An IQ" is overlaid on the image.

ABLOY® PROTEC CLIQ is a new lock technology that brings together and integrates the very best of electronics and mechanics. In fact, it allows you to use a truly intelligent key system for the first time.



ABLOY® PROTEC

FLEXIBLE

- Add or remove keys quickly
- Instant change of cylinder combinations.

EASE OF

- Usage
- Installation - no wires
- Updates
- System planning

TIME FUNCTION

Keys are valid to your specified time and date.

SECURE

- Dual security - high security mechanical and encrypted electronic - cannot be copied

PRACTICAL

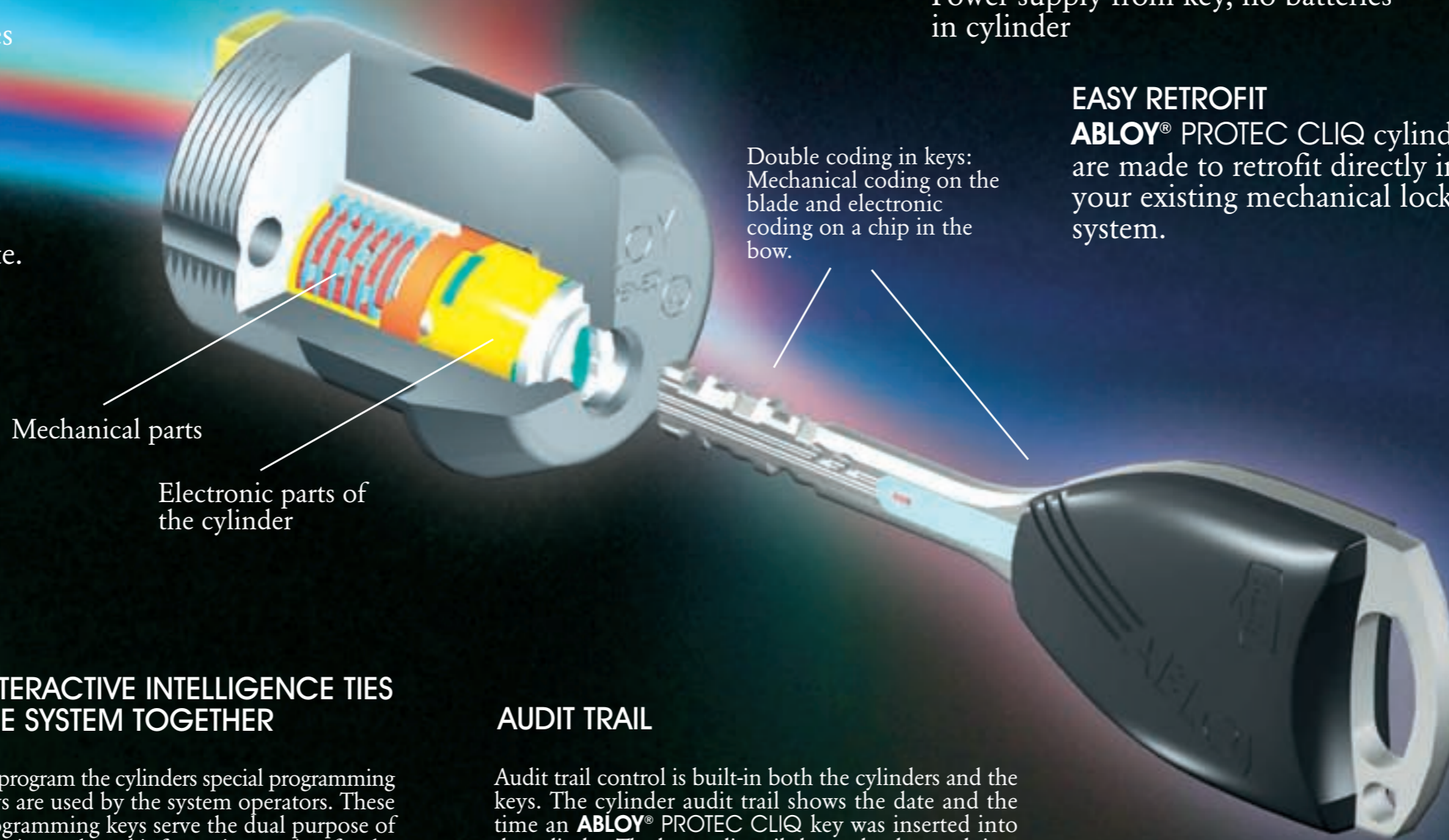
- Master keyed system can include both mechanical and electronic keys and cylinders

FUNCTIONAL

- Audit trails from cylinder and key
- Power supply from key, no batteries in cylinder

EASY RETROFIT

ABLOY® PROTEC CLIQ cylinders are made to retrofit directly into your existing mechanical lock system.



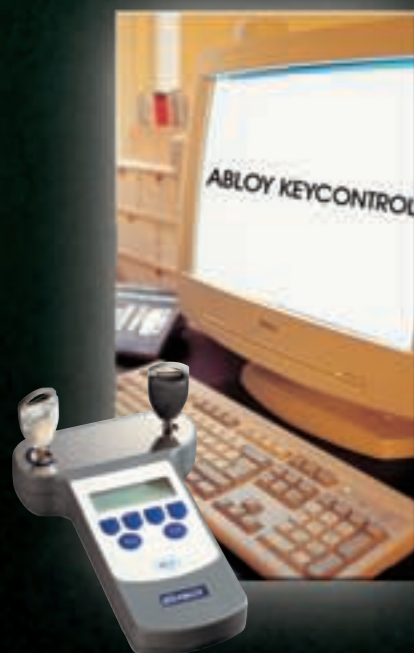
Mechanical parts

Electronic parts of the cylinder

Double coding in keys: Mechanical coding on the blade and electronic coding on a chip in the bow.



ABLOY® PROTEC CLIQ product range



INTERACTIVE INTELLIGENCE TIES THE SYSTEM TOGETHER

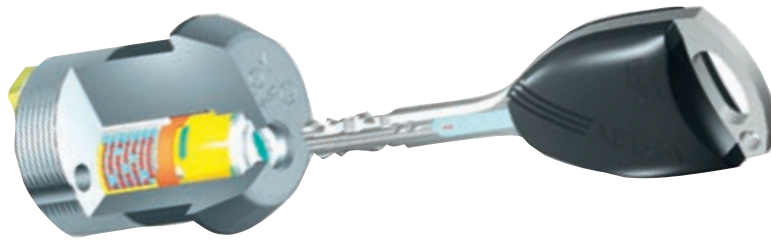
To program the cylinders special programming keys are used by the system operators. These programming keys serve the dual purpose of security tools and information carriers for the system.

Programming keys are needed to get access to the programming device and an ABLOY® KEYCONTROL software package. Programming keys are used to carry programming information from an easy-to-use programming unit to the cylinders.

AUDIT TRAIL

Audit trail control is built-in both the cylinders and the keys. The cylinder audit trail shows the date and the time an ABLOY® PROTEC CLIQ key was inserted into the cylinder. The key audit trail shows the date and time for every ABLOY® PROTEC CLIQ cylinder the key was inserted into.

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NEW LOCKING TECHNOLOGY FROM THE WORLD'S LEADING LOCK COMPANY

CLIQ technology has been developed by the ASSA ABLOY Group. This new technology is applied in the best cylinders manufactured by Group companies worldwide.

Because it's intelligent!

ABLOY® PROTEC CLIQ is a new lock technology that brings together and integrates the very best of electronics and mechanics. In fact, it allows you to use a truly intelligent key system for the first time.

This means that you can lock your door knowing that no unauthorized person has a key that can open it. Moreover, you are able to easily change the access rights to that door, or any other door in your system.

With CLIQ electronics and strong DES encryption integrated with a high-security **ABLOY® PROTEC** mechanical lock cylinder, get new electromechanical **ABLOY® PROTEC CLIQ** locking technology.

MECHANICAL KEY AND CYLINDER ENSURE PHYSICAL SECURITY

ABLOY® PROTEC CLIQ provides higher security and greater flexibility than any other key system.

This is possible by building micro-electronics into the key and the cylinder. No external wiring is needed, nor any network to connect. Only a few simple software tools are needed to change or extend your system as your requirements grow.

Today's security standards for mechanical keys and cylinders set requirements for mechanical resistance, picking and manipulation, copying of keys and distribution of key blanks.

The CLIQ technology is added to mechanical cylinders and keys that already meet these rigorous specifications.

ELECTRONIC FUNCTIONALITY WITH HIGH CLASS ENCRYPTION

Every **ABLOY® PROTEC CLIQ** key has a double encoding: mechanical coding on the blade and electronic coding on a chip in the bow.

The key blanks are protected by patents and the electronic code is protected by strong encryption. This combination provides high mechanical security, as well as maximum electronic security.

Inside each cylinder, embedded in the metal, is another chip, corresponding to the chip in the key, with the sole function of only giving access to keys with the right electronic code.



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