

epacTM Cylinder

**Turn a mechanical cylinder into an
electronic proximity cylinder in minutes...**



Introduction

The ePAC Cylinder™ is a standalone solution that reliably and cost effectively controls access to doors. Fast and simple to install, the ePAC Cylinder can replace existing key based manual cylinders without having to replace the entire lock.

With in-built wireless capability the ePAC Cylinder can also link with PAC Controllers offering the opportunity to control access to doors on larger integrated PAC systems.

The ePAC Cylinder provides the following benefits:

- Simplified key management – change access rights instead of the whole cylinder
- Remove the need for expensive cylinder swapping in the event of lost or stolen keys
- Eliminates expensive key cutting
- No need for multiple keys to be stored
- Easy to install

Key Features

- Reads KeyPAC® (125KHz) proximity technology
- Up to 200 keyholders in standalone mode
- Up to 75,000 keyholders when linked with SecureNet™ or EasiNet® Residential systems - connected to PAC controllers using the Wireless Module
- Audible low battery warning signal in standalone mode and low battery warning event log when linked to iPAC™, SecureNet or EasiNet Residential systems
- Replaceable 3V Lithium batteries with battery life of up to 30,000 operations in standalone mode
- External emergency power adapter available
- Service Card, Disassembly Card and Battery Card offers compatibility with more than one Electronic Cylinder
- In-built wireless capability providing easy upgrade from standalone mode to iPAC, SecureNet or EasiNet Residential
- Euro profile Mechanical Cylinder
- Designed for internal use and IP65 rated
- Dual Electronic Cylinder option available per door

Key Components:

Part No.	Product
 40249	Electronic Cylinder
 40262	Mechanical Cylinder 30/30mm*
 40271	Mechanical Cylinder 35/35mm*
 40251	Thumb Turn
 40250	Programming Card Set
 40252	Wireless Module without Antenna
 40253	Antenna 868 MHz Type-1 (range up to 8m)

Accessories:

Part No.	Product
40256	External Power Adapter for Electronic Cylinder
40257	Battery Change Tool - for Cylinder Housing (pack of 5)
20250	KeyPAC token
21030	KeyPAC ISO Proximity Card
20019	KeyPAC ID Wallet (10 KeyPAC tokens with 10 shadow cards)
20018	KeyPAC ID Wallet (10 KeyPAC cards with 10 shadow cards)

*Various lengths available from 30/30mm up to 70/70mm

Installation & Programming:



1
Remove existing cylinder retainer screw from the mortice lock



2
Remove existing cylinder



3
Fit new ePAC Mechanical Cylinder into existing mortice casing

epac™ Cylinder

Thumb Turn

Hard wearing, solid brass nickel with brushed finish for mechanical exit.

Electronic Cylinder

With an in-built proximity reader, the Electronic Cylinder is designed to ease the task of key management. Easy to administer using the set of programming cards, the Electronic Cylinder reads KeyPAC (125KHz) proximity technology and with in-built wireless technology can easily be integrated into PAC's access control solutions.

Mechanical Cylinder

Euro profile, brass nickel plated Mechanical Cylinder. Available in varying lengths from 30/30mm up to 70/70mm. Designed as a direct replacement for existing cylinders providing a cost effective and simple to install solution.

"Simple push click assembly action"

4



Fit Thumb Turn & insert the Electronic Cylinder, turn until you hear a click

5



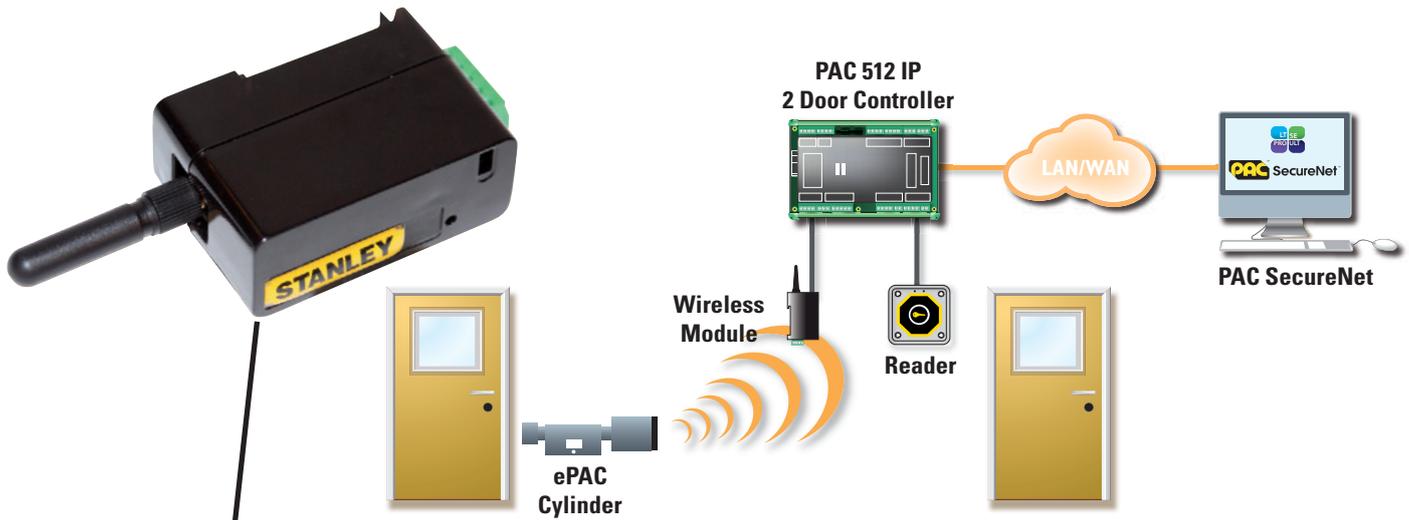
Present the Service Card to the Electronic Cylinder to enter service mode

6



Present the new KeyPAC token - token has now been programmed

Wireless Module



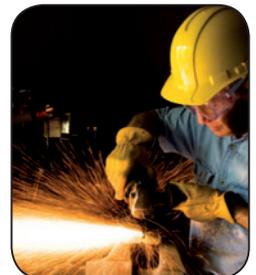
Wireless module can be installed easily above the door in the roof cavity.

The Wireless Module offers the ability to seamlessly connect the ePAC Cylinder to PAC controllers and provides the following benefits:

- Compatible with iPAC and PAC 500 Series controllers
- Can be mounted up to 8m from the Electronic Cylinder (*dependant on building environment*)
- When used with PAC® access control software, the ePAC Cylinder offers full door control and monitoring, for example: keyholder information, time profiles, access groups, passage mode, door status and area management etc
- If communication is lost between the ePAC Cylinder and Wireless Module, the cylinder will automatically revert to standalone mode using the internally pre-programmed keyholder list
- No need to use software tools when pairing the ePAC Cylinder with the Wireless Module
- Encrypted communication between the ePAC Cylinder and Wireless Module for secure communication

Typical Applications:

- Schools
- Hospitals
- Offices
- Residential
- Leisure
- Industrial
- Retail



7
To gain access, present the authorised token



8
Turning the Electronic Cylinder will now unlock the door



9
Turn a mechanical cylinder into an electronic proximity cylinder in under 2 minutes!



STANLEY

Security Products

Stanley Security Products, a sales channel of global security and communications specialist, Stanley Security Solutions, offers an extensive range of products specifically selected for selling through resellers and installers. Drawing on Stanley's worldwide network of dealer and distributor contacts, and the strength and reputation of its global brand, we are able to offer resellers and installers the highest level of product quality, customer service and technical support.



Our product portfolio includes the renowned PAC® brand of versatile access control solutions. Whether our customers require a single door installation or a fully integrated global web-based system, there is a PAC product to suit every application and budget, designed around the practical needs of dealers, installers and end-users.

Technical Support

Our technical support teams are highly skilled in answering any questions you have in relation to our products. We have specialist skills in communication and IT related areas and are able to provide supporting documentation in a range of languages.

Systems Design Support

Many of our customers need assistance with putting together a system design or meeting a customer specification. We have staff that are fully trained in system design and producing specifications and drawings that help architects, systems specifiers, design consultants and installers.

On-line Web Support

Our website has an extensive library of technical papers, FAQ's and installation guides available to download. Some information requires a login and password. We are committed to providing more information on line as we know our customers prefer the flexibility that the website provides - available 24/7.

Training

Stanley Security Products is committed to training and supporting both the installation engineer and the end user. To this end we provide a full range of training courses for our products. Courses have full supporting documentation, include high levels of practical work and may be tailored to suit individual client needs. We have purpose built training facilities or can train at customers' premises.

Customer Service

The Customer Services Team are committed to providing a first class service. We understand how important it is to handle your day to day requirements with speed and efficiency. Please do not hesitate to contact Customer Services on +44 (0) 161 406 3400 if there is anything we can do to help you.

Order Tracking

Order tracking takes the highest priority as we understand that once an order is placed our customers need to get installation moving very quickly. Our order system links directly into manufacturing allowing us to track orders through to delivery. We will keep you informed of orders and our aim is to meet your delivery requirements each and every time.

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Certificate No. Q05028

01/10