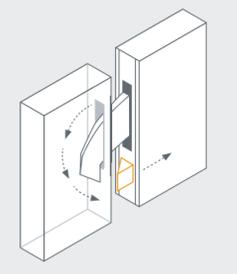
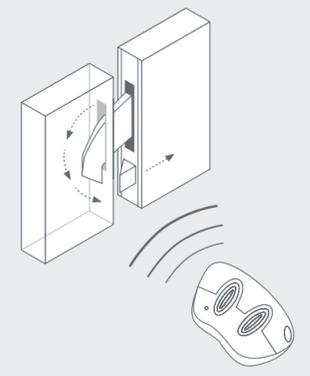


Automatic Locking System



Electronically automated locking system



Automatic Locking System

- + Effective security due to automatic locking when the door is closed
- + Suitable for burglary-resistant doors in accordance with PAS23/24 and Police Secured by Design
- + Motor for electronic automated unlocking can be retrofitted
- + Compatible with different access control systems and automatic door openers.

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## Automatic self – activating Multi-Point Locking System

Winkhaus AV2 and AV2E



# Automatic self-activating Multi-Point Locking System

**“Simplicity is the ultimate sophistication” – Leonardo Da Vinci**

The Winkhaus AV2 Autolock is a 21st Century security solution for residential doors combining many unique features and “easy-to-see” benefits the greatest of which may actually be its sheer simplicity.

Combining the efficiencies of German design and manufacturing together with over 25 years experience and knowledge of the UK door market, Winkhaus have produced a sophisticated automatic

multi-point door locking system designed not only to provide the householder with a high level of security but also to offer an “easy to operate” simple approach to locking a door.

The AV2 Autolock is designed to provide householders with instant security by automatically engaging two solid high tensile steel hooks and central latch into a steel keep located on the door frame. Every time the door is shut.

## AV2 Feature Benefits

- Allows instant and continuous security for the householder to a Police ‘Secured by Design’ level
- Eliminates the potential danger of forgetting or not knowing how to lock the door, which is always present with conventional multi-point door locks
- Eliminates the need to lift the door handle and turn the key to achieve a secure locked door, which is often a major issue for the elderly or disabled subsequently leaving them in a vulnerable position
- Allows a ‘crash to exit’ function as depressing the internal door handle will retract the steel hooks and central latch (a key or thumbturn cylinder needs to be unlocked or turned should the central deadbolt be engaged)
- Allows entrance by key from the outside
- To ensure correct operation a fail-safe device prevents the steel hooks being accidentally released before the door is closed

Additional optional security is provided by activating the cylinder by use of a key externally and internally or by a Thumbturn cylinder which engages the central deadbolt and blocks the door handle.

## Security against manipulation

The extended solid high tensile steel hooks are blocked at their end position, making it virtually impossible to push them back using typical burglary tools. A high resistance against forced entry by a potential burglar is guaranteed.

## Key Technical Features:

- High Security 2 solid high tensile solid steel hooks with a central steel deadbolt and latch
- Utilizes unique latch trigger technology to automatically engage the mechanical sprung loaded steel hooks and central latch when the door is shut ensuring instant security against manipulation or attack
- Suitable for both front and rear doors in domestic dwellings
- The AV2 Autolock can be specified with a lever/lever operation which maybe a requirement for some main entrance or rear doors (in this application the door must always be deadlocked using a key/thumbturn for security)
- Suitable for use with timber, composite, aluminium and PVCu doors
- Key dimensions of the lock allow interchangeability with other Winkhaus door locks therefore ensuring upgrade options and retro-fitting on previously installed doors
- Ideal for use in fire door applications as the auto engagement of the solid high tensile steel hooks helps prevent the twisting and warping of the door which aids its fire resistance
- Police ‘Secured by Design’ approved
- AV2 Autolock has been successfully tested in Security Door sets to PAS 23/24 standards

## AV2 E Electronic Locking system

The AV2 Autolock has the optional capability of becoming an electronic access controlled locking system. The lock is designed to accept a “screw on” 12v electronic motor which can then be controlled by means of industry standard multi-option access control systems. When activated the two solid high tensile steel hooks and central latch are withdrawn thus forming the AV2E Autolock. The extreme versatility of the AV2 E is achieved through its easy integration with most access control systems which subsequently leads to its suitability for many different applications.

## Where can it be used?

**Communal Doors** – An ideal product for the communal door of any multi-occupancy dwelling. The householder has the ability to open the communal door through use of an audio/visual intercom system, whilst the door maintains its mechanical crash to exit function and security at all times. \*

**“Automatic locking prevents casual entry in communal areas”**  
- Bolton at home

**Sheltered Housing** – The benefit of the solid high tensile steel hooks auto engaging when the door is closed allows for continuous security for the elderly even when an audio/visual intercom system is required to open the door. This maintains a “Secured by Design” level of security at all times unlike the traditional electronic latch release. This can only offer the use of the latch as an extremely low level of security thus leaving the elderly in a potentially vulnerable position.

**“Ideal for sheltered housing and old people's bungalows”**

- A. Chadwick, West Lancs District Council

**Special Needs & Disability Housing** – The multi-access control integration benefits of the AV2E allows for its use with sophisticated products such as remote control openers, biometric readers, electronic door closers and many other disability related beneficial products, whilst never compromising its high level of security.

**“Great for people with arthritis”** - M Robinson, Progress Housing Group

## Technical Data:

- Additional optional central steel deadbolt to be operated via key or thumbturn profile cylinders
- Suitable for timber, aluminium, composite and PVCu doors
- Fully adjustable range of dedicated keeps for the closing clearances allows design tolerances of +/- 2mm
- Key dimensions of the lock allow interchangeability with other Winkhaus door locks therefore ensuring upgrade options and retro fitting on previously installed doors
- Battery backup compatibility for continued full use in the event of a power cut for a designated time period
- Manual override at all times through use of internal door handle and cylinder key

\*Communal Doors should only be fitted with AV2 WITHOUT Deadbolt.

