

Winkhaus blueMatic AV2-B

Battery Operated AUTOMATIC Multi-Point Locking System - A 21st Century KEYLESS Solution



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AUTOMATIC Multi-Point Locking System - Locks automatically as soon as the door is closed!!

Superbly engineered and manufactured in Germany the automatic AV2 mechanical lock operates as a slam secure lock as soon as the door is closed. This reduces the risk of a 'follow-on' attack or 'tailgating' as it is sometimes known. Closing the door behind you as soon as you enter a dwelling gives instant full security and reduces the risk of anyone trying to enter immediately behind you.

Unlocking blueMatic AV2-B by Remote Control:

It has long been common place to lock and open car doors using encrypted remote control devices, which allows the car door to be unlocked from a distance. Now that technology is available for entrance doors in houses, flats and apartments!!

No key is required to lock or unlock the door!!

The remote control device has a rolling code which means that it 'scrambles' every time it is used so that the signal cannot be intercepted.

Importantly the blueMatic AV2-B does not require any mains electricity supply but is operated by standard alkaline AA batteries (4 off required).

No Electrician or Access Control engineer is required for the installation.

The batteries last for up to 2 years or 10,000 cycles and are easily replaced in the battery case by any competent person.

blueMatic AV2-B is ideal for the elderly, infirm or partially sighted as it removes the need to locate the correct key on a key ring and then subsequently insert it into a lock cylinder. This is

a particular problem in poor light conditions or if the occupier suffers from arthritis or other movement restrictions.

Auto Locking and Remote access control is provided without the need for expensive hard wiring or access control equipment. Up to 10 remote control units can be easily programmed for each door¹.

When leaving the property blueMatic AV2-B automatically engages the locking hooks rendering the property secure from the outside. To regain entry the remote control should be pointed at the door (maximum range 30 metres) which allows the handle to be pushed down, disengaging the hooks and centre latch to open the door.

The lock has an operational mode option actuated by a switch on the battery pack, marked 'Locked' and 'Open' (see Fig 1). When switched to 'Open' the lock is in a 'snib' mode preventing the door lock automatically locking when the door is closed. Thereby preventing accidental lock-outs.

When switched to the 'Locked' mode the lock automatically engages as soon as the door is closed and from the outside the remote control fob has to be used to unlock the door. 'Crash to exit' from the inside is always enabled to facilitate emergency escape.

Worried about Euro cylinder attack? Bumping, Snapping and Picking? Although an optional double cylinder, or half cylinder on the inside can be used as an override, it is NOT necessary to lock or unlock the door.



Automatic hook engagement



No cylinder required to lock or unlock the door but a cylinder override option is available if desired

¹ For communal entrance doors mains powered blueMatic AV2-E WITHOUT deadbolt should always be fitted



Key Features of blueMatic AV2-B

- + Keyless operating system based on the renowned Winkhaus automatic AV2 Lock.
 - + Lock engages automatically and is secure as soon as the door is closed.
 - + Remote control fob to un-lock (up to 30m range).
 - + Maximum of 10 remote control fobs per door.
 - + 18.4 billion, billion rolling code combinations.
 - + Battery operated un-locking system using standard low cost AA batteries (up to 10,000 cycles or 2 years usage).
 - + Low battery warning signal (10 'beeps' repeated every 5 seconds until batteries changed).
 - + 45mm backset.
 - + Wide range of architectural door furniture can be used depending on application.
 - + SKG** approved.
 - + Developed to comply with the forthcoming EN 15685 European Standard for Multi-Point Locks including annex EN14846 electronic access devices.
 - + autoLock AV2 has been tested in doorsets to PAS23/24 durability and security standards.
 - + Patented design.
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The logo consists of three horizontal bars of varying shades of blue (dark, medium, and dark) stacked vertically, positioned to the left of the company name.

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