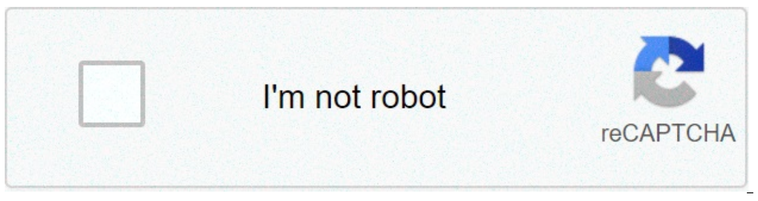

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By creating an account, you will be able to: Get a 10% discount on your first order (coupon code: launch10cs) Get additional recurring discounts with a Platinum Service Plan Take advantage of faster ordering options Track your order status and order history Register Simple yet sophisticated The FDU encodes keycards quickly while tracking how many were issued and who made each keycard. Powerful flexibility Thanks to its USB ports, you can connect the FDU to an external computer, printer or PMS system to share check-in data and produce audits and reports that measure operational efficiency. Implement upgrades and configuration changes immediately, eliminating delays and shipping costs. Functions * Encodes, reads and verifies keycards * Programs, audits and maintains hotel locks * Allows 15 levels of keycard access from guest to emergency * Includes 5 authorization levels * Encodes 10 special-purpose keycards * Stores an audit of the last 4000 transactions * Keeps system time * Allows lock/FDU audit viewing and printing * Supports 8 guest and 16 staff common areas * Accommodates up to 16,000 guest rooms Features * Multi-track keycard encoding and reading * Drop and swipe reader track with alignment guide * Menu-driven software * Computer-feel keypad * Adjustable contrast display * Low battery alarm * Moulded transparent display lens * Impact-resistant injection-moulded black plastic casing with anti-slip pads * 8-hour battery backup * 300,000 swipe life expectancy Connectivity * One Serial Communication Port (DB9 male) * USB ports * Compatible with Serial (DB9) printers * POS compatible * PMS/computer interface allows guest check-in data to be transferred to the FDU * Available indirect interface supports multiple FDUs * Instantaneous upgrades and configuration changes via USB Flash Drive E-Flash EF680/EF780 Installation GuideEF680/EF780 - Single LockEF680/EF780 - Security Double LockEF680/EF780 Installation GuideIndex1. Preparation of the Door 2. Fit Mortice Lock 3. Front Installation - External 4. Handle Position 5. Preparation of Front of Lock 6. Fitting of the Front of the Lock 7. Installation of the Internal Mounting Plate 8. Fitting the Main Body of the Lock 9. Connecting the Cables 10. Fitting the Back Main Body 11. Completion and Testing. EF680/EF780 Installation GuidePreparation of the DoorPrepare the door according to the template provided. Door thickness: 32mm to 67mm.Step 1 Typical door preparation, ready for installation.DRILL HOLES FROM BOTH SIDES TO PREVENT DAMAGE TO THE DOOR60mm BACKSET 60mm BACKSETDOOR THICKNESSRANGE32mm-67mm BORE 24mm DIA HOLE THROUGHDOOR (SUIT CABLETHROUGH DOOR)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)DRILL 8mm HOLETHROUGH DOOR(SUIT FIXING POSTS)EF680 MS MORTICELOCK TEMPLATEBOTTOMEDGETOP EDGEBORE 26mm HOLE THROUGH DOOR (SUIT SPINDLE) BORE 26mm HOLE THROUGH DOOR (SUIT SPINDLE) FOLD ALONG DOTTED LINE AND ALIGN WITH EDGE OF DOOR FOR 60MM BACKSETFOLD ALONG DOTTED LINE AND ALIGN WITH EDGE OF DOOR FOR 60MM BACKSETBORE 24mm DIA HOLE THROUGHDOOR (SUIT CABLETHROUGH DOOR)BORE 7 HOLES 20mm x 90mm DEPTH FOR 60mm BACKSET EF680/EF780 Installation GuideFit Mortice LockBefore fitting the lock ensure the bevelled latch is handed correctly by rotating latch 180 degrees in either direction (ensure the face plate is not fitted at this time). When fitting the mortice lock, feed the cable through to the internal side of the door as you fit the lock in place. Secure with two 8G x 1 countersunk screws (supplied). Install faceplate with two M4 x 8 countersunk screws (supplied). Step 2 EF680/EF780 Installation GuideFront Installation - ExternalGuide screw hole Step 3 Insert spindle into mortice along with spring. Note: It is not necessary to drill both guide screw holes, only one is required to suit the direction of the handle. Right handed guide screw hole Left handed guidescrew holeEF680/EF780 Installation GuideHandle PositionStep 4 The levers on both external and internal are not handed from factory. To set, insert a small screw driver as illustrated and depress retaining plate. The handle can be configured either in left hand or right hand by rotating in either direction. Once in place the lever will lock into place. Note: If incorrect handing is selected, this can be easily reversed by using the same process. Once decided as to which way the door handle is to be placed Turn lock over and insert the guide screw in the necessary position (as per step 3). You may need to use a flat head screw driver to tighten the guide screw.Note: This guide screw is critical to the alignment of the mortice lock and furniture and cannot be discarded. EF680/EF780 Installation GuidePreparation of Front of LockStep 5 Below is the illustration details for the installation of the guide screw to suit a left hand door installation. Bottom of lock Top of lockEF680/EF780 Installation GuideFitting of the Front of the LockStep 6 Top of lockLine up all the guide screws and the spindle with the spring and slide the body into place, gently feeding the cable through the hole in the door making sure that the front main body fits flush against the door.Should there be a gap between the lock and the door, this could mean that either the guidescrew is not in properly, or the springand spindle is not in place properly - remove lock to check that all these have been fittedcorrectly and try again. EF680/EF780 Installation GuideInstallation of the Internal Mounting PlateStep 7A Check to make sure that the cable from the front of the lock and the cable from the mortice lock is clear and free. Carefully feed both the main PCB cable and power cable through the internal mounting plate. With the screws provided fix the back plate to the door making sure that the guide screw is in place. Insert the spindle and spring.EF680/EF780 Installation GuideInstallation of the Internal Mounting PlateStep 7B This product is supplied with a selection of 3 different length fixing screws for varying door thicknesses - 15mm, 25mm and 40mm.Select 4 x equal length screws according to the door thickness and secure, ensuring the guide screw is fitted correctly. Note: Over tightening of these screws is not recommended. Guide screw illustrated on right hand installation EF680/EF780 Installation GuideFitting the Main Body of the Lock Step 8Double Locking Model Only. If fitting a single locking model please go to Step 9. Prior to placing the main body to the backing plate make sure that the clutch is pushed down and not out as shown in picture A.Picture B is the correct placement of the clutch.A. B.EF680/EF780 Installation GuideConnecting the CablesStep 9 Connect the main PCB cable and small power cable making sure that they are connected securely. The mortice cable can be fed back slightly into the door cavity to shorten the cable to make it easier to fit the back main body of the lock. Notes: Ensure the cables are not feeding back inside the mortice lock. Ensure you do not crimp the cables.EF680/EF780 Installation GuideFitting the Back Main Body Step 10Ease the main body onto the back fitting plate holding it firmly, use the four M4 x 8mm pan head small silver screws & secure the internal body to the mounting plate. EF680/EF780 Installation GuideCompletion and Testing.Step 11 Insert the four batteries that are supplied with the lock - message received is:Moving into Kaba digital world, secure & convenient life, standard access mode. Once you have received this message you should hear the clutch engage - this is only in the double locking model. Note: Ensure you do not crimp the cables. Note: If keys are left in the unlocked position (as shown in picture) an error message will be received: system is not working normally.Follow the operation manual to instruct your customer as to the lock configuration. Please leave Operation Manual with your customer. EF680/EF780 Installation GuideNotesKaba Australia Pty LimitedTel: 1300 728 088Fax: 1300 728 708info@kaba.com.auwww.kaba.com.auKaba New Zealand LimitedTel: 09 274 3341Fax: 09 274 3301info@kaba.co.nzwww.kaba.co.nz HomePushbutton LocksKaba-IlcoSimplex 900 SeriesManual Relock Vingcard Signature Installation InstructionsWww.fixya.com/./t4588452-2 front desk units kaba ilco 780a1one. Apr 19, 2010 - Question about Simplex Kaba Ilco Unican 1000 keyless lock. The grand master authorization card is swap it shows a message that says 'reader error or invalid keycard'. How to reset grand master keys front desk unit 780. Kaba.co.uk/68244/ front- desk- unit.html.Kaba GroupMulti-track keycard encoding and reading; Drop and swipe reader track with. Front Desk Unit brochures can be found on the Sales and Support page.Dec 25, 2015.In 2003, Finnish security researcher Tomi Tuominen was attending a security conference in Berlin when a friend's laptop, containing sensitive data, was stolen from his hotel room. The theft was a mystery: The staff of the upscale Alexanderplatz Radisson had no clues to offer, the door showed no signs of forced entry, and the electronic log of the door's keycard lock—a common RFID card reader sold by Vingcard—had recorded no entries other than the hotel staff. The disappearing laptop was never explained. But Tuominen and his colleague at F-Secure, Timo Hirvonen, couldn't let go of the possibility that Vingcard's locks contained a vulnerability that would let someone slip past a hotel room's electronically secured bolt. And they'd spend roughly the next decade and a half proving it. Master Key At the Infiltrate conference in Miami later this week, Tuominen and Hirvonen plan to present a technique they've found to not simply clone the keycard RFID codes used by Vingcard's Vision locks, but to create a master key that can open any room in a hotel. With a $300 Proxmark RFID card reading and writing tool, any expired keycard pulled from the trash of a target hotel, and a set of cryptographic tricks developed over close to 15 years of on-and-off analysis of the codes Vingcard electronically writes to its keycards, they found a method to vastly narrow down a hotel's possible master key code.They can use that handheld Proxmark device to cycle through all the remaining possible codes on any lock at the hotel, identify the correct one in about 20 tries, and then write that master code to a card that gives the hacker free reign to roam any room in the building. The whole process takes about a minute. 'There's a good chance that not all the hotels have fixed this.' Tomi Tuominen, F-Secure The two researchers say that their attack works only on Vingcard's previous-generation Vision locks, not the company's newer Visionline product. But they estimate that it nonetheless affects 140,000 hotels in more than 160 countries around the world; the researchers say that Vingcard's Swedish parent company, Assa Abloy, admitted to them that the problem affects millions of locks in total. When WIRED reached out to Assa Abloy, however, the company put the total number of vulnerable locks somewhat lower, between 500,000 and a million.They note, though, that the total number is tough to measure, since they can't closely track how many of the older locks have been replaced. Tuominen and Hirvonen say that they've collected more than a thousand hotel keycards from their friends over the last 10 years, and found that roughly 30 percent were Vingcard Vision locks that would have been vulnerable to their attack. Tuominen and Hirvonen quietly alerted Assa Abloy to their findings a year ago, and the company responded in February with a software security update that has since been available on its website. But since Vingcard's locks don't have internet connections, that software has to be installed manually by a technician, lock by lock.'There's a good chance that not all the hotels have fixed this,' Tuominen says. The researchers demonstrate their attack in this video, where they show they can use their Proxmark tool to access restricted floors on a hotel elevator. In a phone call with WIRED, Assa Abloy's hospitality business unit head Christophe Sut downplayed the risk to hotel guests, and noted that F-Secure's researchers needed years of reverse-engineering work and expertise to develop their lock-hacking technique.But he urged hotels who use the Vingcard Vision locks to install the upgrade. 'This is the new normal. If you have software you need to upgrade it all the time,' Sut says. 'We upgrade our phones and computers.We need to upgrade locks as well.' Narrowing the Field Tuominen and Hirvonen say they're not releasing all the details of the vulnerabilities in Vingcard's locks for fear of helping burglars or spies break into rooms. Six years ago, by contrast, a security researcher published the code necessary to exploit a glaring vulnerability in widely used Onity keycard locks on the web. That revelation led to a. But the two Finns say they spotted what they believed might be weaknesses in Vingcard's code system as soon as they examined it in 2003, at a time when the system used mag-stripe technology rather than touch-less radio frequency or RFID. Vingcard's system encodes a unique cryptographic key into each keycard—and another into every hotel's master keys—that are all designed to be unguessable. But by reading the magnetically encoded key values of keycards that had been used in the system and looking for patterns in those numbers, they began to narrow down the possible 'key space' of possible codes.Even so, the number of possible master key codes remained far too large to enable a practical break-in, requiring thousands upon thousands of tries.' Even with those implementation mistakes, it looked like the key space would be too big,' says Hirvonen. But he and Tuominen continued to puzzle over the system on-and-off for years, even after Vingcard switched its Vision locks to RFID, analyzing keycards they collected and reverse-engineering a copy of the Vingcard front-desk software they'd obtained. Beyond creating a master key to open any door in a hotel, they could also spoof specific 'floor' and 'section' keys. Finally, they say, they were tipped off to one final method of narrowing down the possible master key codes in Vingcard Vision locks by a clue on the company's Assa Abloy University website for training hotel staff. Though they won't elaborate further, the researchers note that the trick somehow involves a correlation between the location of a door in a hotel and its RFID enciphered code.The system means that beyond creating a master key to open any door in a hotel, they could also spoof specific 'floor' and 'section' keys that open only a subset of doors in a building—all the better to impersonate the sort of less-powerful keys that hotel housekeeping staff hold, for instance. The F-Secure researchers admit they don't know if their Vinguard attack has occurred in the real world. But the American firm LSI, which trains law enforcement agencies in bypassing locks,.And the F-Secure researchers point to a 2010 assassination of a Palestinian Hamas official in a Dubai hotel, widely believed to have been carried out by the Israeli intelligence agency Mossad. The assassins in that case seemingly used a vulnerability in Vingcard locks to enter their target's room,. 'Most probably Mossad has a capability to do something like this,' Tuominen says.Given that Tuominen and Hirvonen have since worked with Assa Abloy to help fix that vulnerability, the real-world risk of those RFID-enabled intrusions may be smaller than ever. But for the coming months, as hotels get the message to upgrade their software, it never hurts to flip the door bolt, too. Key Masters. A known vulnerability in a different type of hotel room lock.Hackers have also demonstrated. And here's a.Hospitality Net. Retrieved 13 January 2017. Retrieved 2014-01-22. 'Hospitality Net'. ^. ^ Clinton Ellis Jr., Raymond (Jun 25, 2012). International Encyclopedia of Hospitality Management 2nd Edition.Google Patents. IFI CLAIMS Patent Services. April 17, 1979. Store norske leksikon). ^. Vingcard Elsafe.Vega fire panel manualidades. Retrieved 2012-01-12. VingCard Elsafe. VingCard Elsafe. Retrieved 2012-01-12. Archived from on 2011-08-08. Retrieved 2014-01-23. 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