Auditcon® 2 Series
Commercial Safe Locks

Models
52/T52/252/552

The Auditcon family of electronic locks was developed to address the security requirements of a broad range of financial, retail, commercial and industrial markets. Utilizing the award-winning PowerStar® technology, the Auditcon's security cannot be compromised by outside manipulation and provides unprecedented audit capability, making it an effective deterrent to internal theft.

Auditcon 2 Features and Benefits

Improved Self-Powered Technology
Auditcon 2 Series locks utilize a faster version of our PowerStar technology. This technology eliminates lockouts due to dead batteries or facility power failures.

Battery Assist
The Battery Assist option uses a 9-volt alkaline battery to supply power during Time Delay or Open Window operations.

The Battery Assist feature also provides additional power for lengthy lock operations.

Uploadable Programming
Certain data can be defined at the PC using Auditcon 2 Series software and then uploaded (transferred) to the lock via a Smart Key.

Access Control
Models 52 & T52 have a unique user-selected 6-digit combination. Models 252 and 552 have an 8-digit combination which includes a 2-digit user ID and a 6-digit user-selected PIN.

Audit Trail (252/552)
The user's ID is recorded every time a function is performed on the lock, deterring internal theft by providing absolute reliability.

Touch Key Number Pad
Perform all functions and programming of the lock from the keypad.

Wrong Try Lockout
Five consecutive wrong combination entries triggers a three minute penalty lockout.

Economical Retrofit
Simple and affordable retrofitting made possible by a standard footprint lock case.

Time Delay (T52/252/552)
Optionally programmed 1-99 minute time delay deters potential intruders not willing to risk the wait.

Time Delay Display (T52/252/552)
An optionally purchased LCD Unit prominently displays the time, informing the user when access will be granted.

Dual Custody
Optionally programmed access mode that provides absolute accountability by requiring the entry of two separate user combinations when opening the lock.

Silent Duress Alarm Connection (252/552)
Safely lets employees comply with intruder's demands while alerting authorities.

Time Saving Operation
Mechanical combination locks can take as much as 40 seconds or longer to open. Auditcon 2 Series locks can be opened in just a few seconds by an authorized user.

Choice of Bolt
The "swing bolt" automatically locks when the safe handle is closed. The standard "dead bolt" functions like a traditional dial lock with manual bolt retraction/extension.

Installation & Service
Installation and service have been simplified with the introduction of a new field-replaceable cable with Picoflex connector. Our Auditcon Parts Program will help you identify and order only the parts you need.

Customer Service
Our technical support staff is available 24 hours a day, seven days a week to answer any technical questions you may have. Please call us at 800-950-4744.

Education
We take pride in providing regular training classes for our customers. Please call us at 877-522-2627 for more information.

Applications
Businesses that require multiple employee access, have several locations, absentee ownership or high employee turn-over, are ideal for Auditcon locks. Auditcon can secure safes, containers, vaults and restricted areas for:

- Restaurants
- Ticket box offices
- Convenience stores
- Grocery stores
- Department stores
- Drug stores
- Jewelry stores
- Banks & credit unions
- Hospitals
- Police stations
- Data processing centers
- Casinos

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Available Models

Round 52/T52	Vertical 52/T52	Round 252/552	Vertical 252/552

	52/T52	**252**	**552**
Keypad Housing Styles	Round/Vertical	Round/Vertical	Round/Vertical
Bolt Styles	Dead Bolt or Swing Bolt	Dead Bolt or Swing Bolt	Dead Bolt or Swing Bolt
Users	2 Users	20 Users	99 Users
Combination Length	6-Digit	8-Digit	8-Digit
Power Source	Self-Powered	Self-Powered	Self-Powered
Battery Assist	Optional (T52)	Optional	Required
Manager/Master Control	Yes (Manager)	Yes (Master)	Yes (Master)
Supervisor/Subordinate Mode	No	Yes	Yes
Single/Dual Custody Access	Yes	Yes	Yes
Wrong Try Lockout	Yes	Yes	Yes
Time Delay/Open Window	1-99 Minute Delay (T52) 1-20 Minute Opening (T52)	1-99 Minute Delay 1-20 Minute Opening	1-99 Minute Delay 1-20 Minute Opening
Time Delay Override	No	Yes	Yes
Time Delay Display	Optional (T52)	Optional	Optional
Time and Date	No	No	Yes
Timed Lockout	No	No	Yes (1-255 Hours)
Time Windows	No	No	Yes
Time Window Lockout	No	No	Yes
Set Holidays	No	No	Yes
Uploadable Programming*	No	Yes	Yes
Downloadable Audit Trail*	No	100 Audits	400 Audits

*Requires optionally purchased Auditcon 2 Series Software Package

Specifications

Round and Vertical Depth Dimensions

Agency Approvals
- UL Type I high security electronic locks
- SBSC High Security (Sweden, Denmark, Norway,
- Finland), VdS Class 2 (Germany), CE, EN 1300
- Class B (EU)

Electronic Specifications
Power Unit: Solenoid driven.
Power Source: PowerStar™ technology - Internal generator creates power when dial is rotated. No battery necessary.
Battery Assist: One 9-Volt Alkaline (not included). Featured during Time Delay and Open Window periods. Also provides additional power during lengthy operations.
Memory: Programmable, non-volatile EEPROM.

Environmental Specifications
Temperature: -31° F (-35° C) to 151° F (+66° C)
Humidity: 86°F (30°C) and 85% relative humidity for 24 hours
Salt Spray: Operational after 24 hours

Mechanical Specifications
Lock Case: 2-piece lock case (cover & box), solid cast zinc, flash and chromate conversion coat for corrosion resistance. Tested to 25,000 cycles. Designed to meet industry standard container lock mounting pattern. Mounting screws included. Bolts, housings, cables, spindles and options must be specified. See Price Book for options.
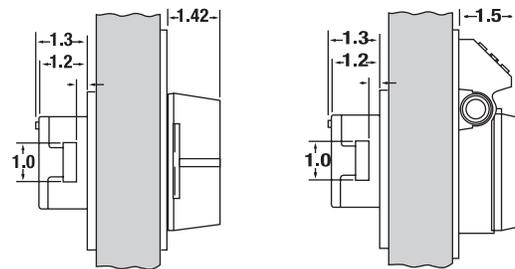
Housing: UV stabilized polycarbonate. Available: Round or Vertical.

Keypad: Silicone rubber, 12-button tactile keypad, red and green LEDs reinforced with an audible signal (beep) for communications, and Kaba logo face. Plain face also available.

Bolt: Dead bolt is non-magnetic stainless steel with a manual return. Slide bolt and swing bolt options are also available. See Price Book.

Relocker Plate: Universal relocker that fits most major safe manufacturer applications furnished standard.

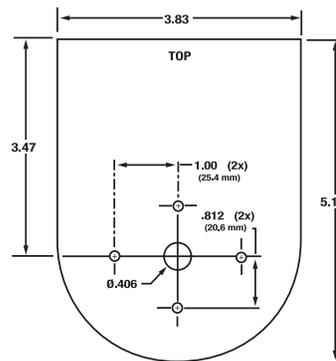Other relockers available. See Price Book for options.
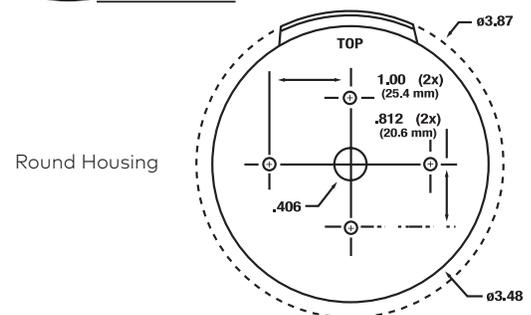
Door Preparation
Lock is designed to fit industry standard mounting pattern.
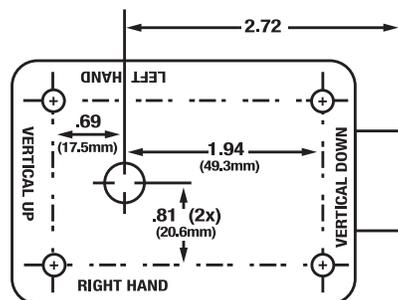
Door Thickness
Refer to Price Book for options.

NOTE:
Full-scale templates provided at www.kaba-mas.com.

Vertical Housing

Round Housing

Lock Case

Model 52/T52 Features

2 users • 6-digit access combination • Faster power-up • Replaces mechanical Group I & Group II locks • Wrong try lockout • Dead bolt and swing bolt available • UL listed, Type I high security electronic locks • SBSC, VdS Class 2, CE and EN 1300 Class B certification

Numerical Keypad: Quick Entry.

Wrong Try Lockout: The lock will not allow access to any user for a period of 3 minutes after 5 incorrect combinations are entered. Any additional consecutive failed entry attempts result in another 3 minute lockout.

Easy Retrofit: The lock case has the same footprint as most mechanical locks making it easy to install.

Users: Two users.

6-Digit Access Combination: Users select their own changeable combination.

Additional Security Features
Dual Custody: Two-Person Integrity, which requires two users to open the lock.

Manager/User Operation: Allows manager to add, delete, enable or disable an additional user.

Time Delay (Model T52): Programmable 1-99 minutes before access is allowed. NOTE: Remote Time Delay Display Unit (p/n 307025) can be purchased separately. Please refer to Price Book for options.

Model 52 Ordering Example
Model 52 lock with PowerStar (self-powered) technology, vertical housing, non-time delay display compatibility, dead bolt, non-sensor, no relocker plate, up to 1" door/cable measurement, English country classification, Kaba dial label, standard installation screws and individually packed. For a complete list of options, refer to the Price Book.

EXAMPLE	0	5	2	S		V	N		1	0	N		4		A		E		A		1		A
		Model Power Source				Housing Display			Bolt				Relocker Case Cover		Door Cable Msrmnt.		Country Code		Dial Label		Install		Packaging

Model 252 Features

20 users • 8-digit access combination • Faster power-up • Replaces mechanical Group I & Group II locks • Wrong try lockout • Dead bolt, and swing bolt available • UL listed, Type I high security electronic locks • SBSC, VdS Class 2, CE and EN 1300 Class B certification

Numerical Keypad: Quick Entry.

Wrong Try Lockout: The lock will not allow access to any user for a period of 3 minutes after 5 incorrect combinations are entered. Any additional consecutive failed entry attempts result in another 3 minute lockout.

Easy Retrofit: The lock case has the same footprint as most mechanical locks making it easy to install.

Users: Up to 20 users.

8-Digit Access Combination: Users have an 8 digit combination which includes a 2-digit user ID and a 6-digit user selected PIN.

Audit Trail: Number of entries/activities is 100 records in sequential order.

Available PC Software: Print, display or file the lock audit reports using a program which runs under Microsoft Windows® Software.
• Program Lock Setup Options
• Add/Delete Users
• Audit Download Reports
• User Table Download Reports

Supervisor/Subordinate Mode: Allows access by a subordinate only after being enabled by a supervisory combination. Once enabled, a subordinate user has access to the lock during any valid opening time.

Additional Security Features
Dual Custody: Two-Person Integrity, which requires two users to open the lock.

Alarm Interface: (Optional) Activates the lock's duress condition, sending a silent alarm, when combined with a connection, to an existing alarm system.

Time Delay: Programmable 1-99 minutes before access is allowed. NOTE: Remote Time Delay Display Unit (p/n 307025) can be purchased separately. Please refer to the Kaba Mas List Price Book for options.

Model 52 Ordering Example
Model 52 lock with PowerStar (self-powered) technology, vertical housing, non-time delay display compatibility, dead bolt, non-sensor, no relocker plate, up to 1" door/cable measurement, English country classification, logo dial label, standard installation screws and individually packed. For a complete list of options, refer to the List Price Book.

EXAMPLE	2	5	2	S		V	N		1	0	N		4	A	E	A	1	A
	Model Power Source					Housing Display			Bolt				Relocker Case Cover	Door Cable Msrmnt.	Country Code	Dial Label	Install	Packaging

Model 552 Features

99 users/400 record audit • 8-digit access combination • Faster power-up • Replaces mechanical Group I & Group II locks • Wrong try lockout • Dead bolt and swing bolt available • UL listed, Type I high security electronic locks • SBSC, VdS Class 2, CE and EN 1300 Class B certification

Numerical Keypad: Quick Entry.

Wrong Try Lockout: The lock will not allow access to any user for a period of 3 minutes after 5 incorrect combinations are entered. Any additional consecutive failed entry attempts result in another 3 minute lockout.

Easy Retrofit: The lock case has the same footprint as most mechanical locks making it easy to install.

Users: Up to 99 users.

8-Digit Access Combination: Users have an 8-digit combination which includes a 2-digit user ID and a 6-digit user selected PIN.

Audit Trail: Number of entries/activities is 400 records in sequential order.

Battery Assist: Lock LEDs will continually flash throughout the duration of a Time Delay or Open
Window period. Also provides additional power for
lengthy operations.

Available PC Software: Print, display or file the lock audit reports using a program which runs under Microsoft Windows® Software.
• Program Lock Setup Options
• Upload Lock Time/Date
• Add/Delete Users
• Upload Time Windows
• Audit Download Reports
• User Table Download Reports

Supervisor/Subordinate Mode: Allows access by a subordinate only after being enabled by a supervisory combination. Once enabled, a subordinate user has access to the lock during any valid opening time.

Additional Security Features
Dual Custody: Two-Person Integrity, which requires two users to open the lock.

Time Delay: Programmable 1-99 minutes before access is allowed. NOTE: Remote Time Delay Display Unit (p/n 307025) can be purchased separately. Please refer to the Price Book for options.

Alarm Interface
(Optional) Activates the lock's duress condition, sending a silent alarm, when combined with a connection to an existing alarm system.

Time & Date Stamp on Audit: Internal battery chip allows for real time date and time in audit.

Timed Lockout: Enables certain users to disable lock access for a period of 1–255 hours. Once Timed Lockout begins, the lock will not accept any commands.

Time Windows: Allows Master User to define time windows for access to the lock. Note: Battery Assist is recommended when implementing this feature manually at the lock.

Time Window Lockout: Enables certain users to disable lock access for the current open time window. Lock entry remains disabled until the time of the next open time window as defined by the Time Windows function.

Set Holidays: Enables the Master User to define up to 20 annual holidays in the lock. Note: This feature requires Battery Assist.

Model 552 Ordering Example
Model 552 lock with PowerStar (self-powered) technology with Battery Assist, vertical housing, non-time delay display compatibility, dead bolt, non-sensor, no relocker plate, up to 1" door/cable measurement, English country classification, Kaba dial label, standard installation screws and individually packed. For a complete list of options, refer to the Price Book.

EXAMPLE	5	5	2	A		V	N		1	0	N		4	A	E	A	1	A
	Model Power Source					Housing Display			Bolt				Relocker Case Cover	Door Cable Msrmnt.	Country Code	Dial Label	Install	Packaging

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Options & Accessories

Bolt Options

dormakaba offers a variety of locking bolts to meet most container applications.

Dead Bolt

• The square "no hole bolt" is furnished standard for a spindled application. See illustrations and Price Book for other options

Swing Bolt

• Swing bolts do not require use of a spindle. They operate in conjunction with the container bolt works, which increases security and simplifies installation.

Door Measurement

Dead bolt (spindled) = door thickness
Swing Bolt (non-spindled) = cable length
Vertical and round safe locks are supplied with cable and spindles for 1" to 3-1/2" door thickness, standard. Many spindle/cable lengths are offered to meet most safe and container requirements. Please refer to the List Price Book for a complete list of options. To insure proper length, measure the door thickness where lock case is to be mounted including mounting surface or plate. Select the closest cable/spindle length greater than the total door thickness measurement.

Universal Relocker Plate

Kits are also available containing 20 each of the relocker plates. Plated steel designed to work with major safe manufacturer relockers.
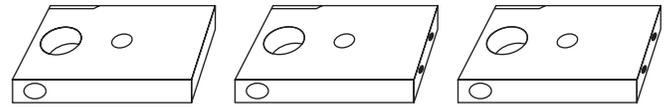
Accessories

Remote Time Delay Display

This display is made of black polycarbonate with a 1 ⅞" x ¾" LCD. An integrated part of any security system that involves time delay, the Remote Time Delay Display Unit counts down the delay and counts up the open window periods. Includes display (3 ⅞" x 1 ⅞" x 1" box), 28" cable, angle mounting bracket and double sided adhesive. Packed 1 each. For use with T52/252/552.

Duress Alarm Interface

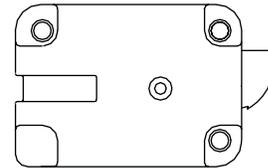2" x 1 ¼" x 1/2" black polycarbonate. Designed to send a silent signal to an external alarm system.

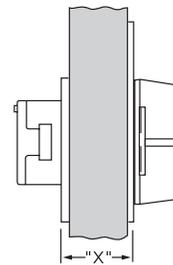Standard Dead bolt, non-sensor (#10N)
Standard Dead bolt, sensor (#10Y)

Dead bolt, non-sensor 10-32.5 (2X) tapped holes (#20N)

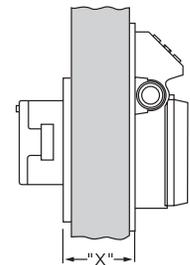Dead bolt, non-sensor M4-7 x 15mm (2X) tapped holes (#23N)

Swing bolt, non-sensor (#75N)
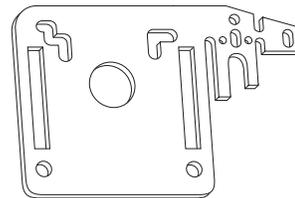Swing bolt, sensor (#75Y)

"X" = Container Thickness for Lock Mounting Purposes

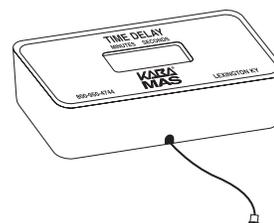Round dead bolt example

"X" = Container Thickness for Lock Mounting Purposes

Vertical dead bolt example

Universal Relocker Plate (p/n 305301)

Remote Time Delay Display Unit (p/n 307025)

Duress Alarm Interface (p/n 301040)

For a complete list of options and accessories, refer to the Price Book.