General manual GATOR

Notes

- Please read this manual carefully before operating the lock.

Liability notes

- We don't assume liability for malfunctions due to incorrect operation, use of force or inappropriate handling. In cases of damage to property or valuables, which are due to incorrect locking of the safe, we also don't assume liability.
- If your safe, however, does not open correctly with the following instructions, please contact the manufacturer of the safe.

Notes on safety

- For your security, immediately change the factory master, manager and administrator code as well as all other codes authorised to open the lock.
- For your new code, do not use any personal data like birthdays or any other data, which could be known by knowledge of your person.
- After entering the new code, the electronic lock should be opened and locked several times with the safe door opened.
- After each locking doublecheck if the safe is closed.

Operating notes

- If the lock is not opened 20 seconds after the code entry, the lock closes automatically. Enter the code again and repeat the process.
- If the lock is not opened 5 seconds after entering the code, the lock closes automatically. Re-enter the code and repeat this process.
- When the time between touching keys exceeds 10 seconds the process of programming and entering is deleted. The old code or programmes stay valid.
- Cancelling:
  - Every opening can be aborted by pressing "C"
  - The programming process will be set back to the last "*" when pressing "C"
  - During programming when pressing * at the wrong position, the whole programming process will be aborted. The old codes or programmes will stay valid.
- Every correct input while entering the code is confirmed by an acoustic signal and flashing of the green LED. These signals will not be considered in this instruction.
- Never use force.
- Do not open the lock case, otherwise you compromise the function of the lock and warranty will be void.

General information

Gator is a highly flexible high-security safe lock system, which is capable of complex configurations. 50 users can be assigned to a maximum of 16 profiles. By assignment to a profile it is decided which user (PIN) can use whatever key commands.
Because there are a lot of configurations, Wittkopp offers configurations with the levels 10, 20, and 30, which meet market requirements. On page 10 in table 1 (level 10 and 20) and table 2 (level 30) it is shown which configurations and settings were programmed.

Manipulation block

This means a penalty for inserting the wrong code 4 times consecutively. If this is triggered once, after another wrong input the penalty is due after the second attempt.

Battery control

If the battery voltage falls below a set value, after an opening cycle a warning is given.

Dual verification procedure

This option is set by the PC software and is activated with the next upload.
To open the lock two users have to insert their Pin and code after each other.

Parallel code

The parallel code is set by the PC software and is activated with the next upload.
Parallel code is only possible within a system of two locks. The user who has opened lock A is blocked for opening and using the menu on lock B until lock A is closed again. Lock B has to be opened by another user. In order to open the safe two authorised user have to enter their PIN and code.
ATTENTION: For parallel code the locks have to have set the addresses to 00 and 01, see installation instruction. Redundant locks need 00/A and 01/B.
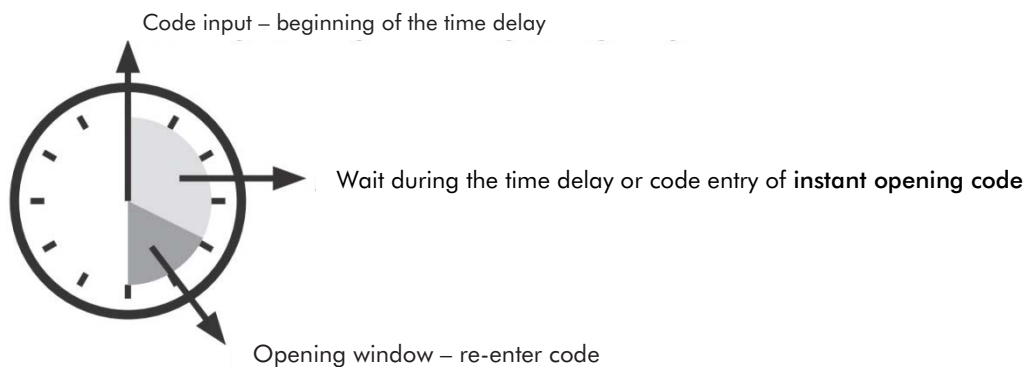
Audit events with date and time

Authorised users can download the audit by iButton and view the last 1000 events with date and time stamp on the software.

Opening the lock

Opening		(e.g. user 15)
PIN	Of an authorised user	1○ ○○○○○○
Code	Of the above user	15 ●●●○○○

Opening with Code and additional medium		(e.g. user 15)
PIN	Of an authorised user	1○ ○○○○○○
Code	Of the above user	15 ●●●○○○
	Hold IButton onto reader for identification	◀▯

Opening with time delay		(e.g. user 15 and 24)
PIN	Of an authorised user to open during time delay	1○ ○○○○○○
Code	Of the above user	15 ●●●○○○
Wait for the time delay		
PIN	Of an authorised user	2○ ○○○○○○
Code	Of the above user	24 ●●●○○○

Code input – beginning of the time delay

Wait during the time delay or code entry of **instant opening code**

Opening window – re-enter code

Opening with user of instant opening code		(e.g. user 15 and 37)
PIN	Of an authorised user to open during time delay	1○ ○○○○○○
Code	Of the above user	15 ●●●○○○
PIN	Of a user with instant opening code	3○ ○○○○○○
Code	Of the above user	37 ●●●○○○

Opening with dual verification process or parallel code		
PIN	Of an authorised user	1○ ○○○○○○
Code	Of the above user	15 ●●●○○○
	(only with dual verification procedure)	
	Changing the lock address with parallel code. (depending on the system configuration this happens automatically) Keep in mind which lock should get closed.	
PIN	Another authorised user	2○ ○○○○○○
Code	Of the above user	24 ●●●○○○

Opening with alarm code (silent alarm)		(e.g. user 15)
PIN	Of an authorised user	1○ ○○○○○○
Alarmcode	Of the above user	15 ●●●○○○

Alarmcode: the number to be added to the last number of the code, which is set in the GatorSelect silent alarm modification. Usually this is 1. If the result becomes double-digit only the last number is taken (e.g. 9+1=10, enter only 0)
The lock opens according to the values set in GatorSelect – opening delay, silent alarm. Simultaneously a relay is triggered in GatorSignal plus by which the alarm code can be signalled to a burglar alarm system

Hot keys

The following functions can be entered via the key pad.
The programming of time functions as well as additional system configurations can only be done via the PC software GatorSelect.

Hot key	Function	Menu	Submenu
⁕ 0 0 ⁕	Program user	☝	☑
⁕ 0 1 ⁕	Change code	☝	CODE
⁕ 0 2 ⁕	Delete user	☝	☒
⁕ 0 4 ⁕	Time block (whole days)	☝	1☒
⁕ 2 1 ⁕	Opening delay settings	🔧	⧗
⁕ 2 2 ⁕	Activate profile	☝	👥✓
⁕ 2 3 ⁕	Deactivate profile	☝	👥✗
⁕ 3 0 ⁕	Activate I/O (In-/outputs)	🔧	I/O ✓
⁕ 3 1 ⁕	Deactivate I/O (In-/outputs)	🔧	I/O ✗
⁕ 6 1 ⁕	Set date and time	🔧	1🕐
⁕ 6 4 ⁕	Check key pad	🔧	⌨
⁕ 6 5 ⁕	Upload configuration	🔧	⬆
⁕ 6 6 ⁕	Download configuration	🔧	⬇
⁕ 6 7 ⁕	Read out audit	🛈	📋⬇
⁕ 7 3 ⁕	Read out date and time	🛈	🛈 1🕐
⁕ 7 4 ⁕	Show info about bolt position	🛈	🛈 ⬛
⁕ 9 9 ⁕	Show system information	🛈	🛈 ⊞🔒
⁕ ⁕ ◄◄ ⁕ ⁕	Manual switching to bus A	**AA**	-
⁕ ⁕ ►► ⁕ ⁕	Manual switching to bus B	**BB**	-
⁕ ⁕ lock address ⁕ ⁕	Manual switching to which lock has to be communicated with	-	-

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Programming via key pad

Note: On the key pads F, R, DF and DR the keys * and OK are the same during the programming routine.

[*][0][0][*]Program user			🖐	☑
PIN	[*]	Of an authorised user		PIN
Code	[*]	Of the above user		CODE
New PIN	[*]	PIN of the new user		↔PIN
New Code	[*]	Setup code for new user		CODE
New Code	[*]	Setup code for new user again		CODE
Profil number	[*]	Profile assignment of the new user		

Note: If the profil eis not assigned (only *), there are two possibilities:
- If the PIN was active before, the old profile is used again
- If the PIN is new, standard profile (profile 0) is assigned

Note:
Within the configurations level 10, 20 and 30 is a newly programmed user is not authorised to open the lock. This is only possible after changing the code.

[*][0][1][*] Change code			🖐	CODE
PIN	[*]	Of an authorised user		PIN
Code	[*]	Of the above user		CODE
New code	[*]	new		CODE
New code	[*]	new for verification		CODE

[*][0][2][*] Delete user			🖐	☒
PIN	[*]	Of an authorised user	PIN	
Code	[*]	Of the above user	CODE	
PIN	[*]	Of the user to be deleted	PIN	

[*][0][4][*] Time block (whole days, starting at 0:00 of the next day)			🖐	
PIN	[*]	Of an authorised user		PIN
Code	[*]	Of the above user		CODE
Number of days	[*]	Two-digit [01 to 30]		

[*][2][1][*] Setting opening delay			🔧	⧗
PIN	[*]	Of an authorised user		PIN
Code	[*]	Of the above user		CODE
Opening delay	[*]	Two-digit, [00 to 99], minutes		
Opening time	[*]	Two-digit, [00 to 15]], minutes		

Note: Switch off by entering 00 of opening delay time

* 2 2 * Activate profile				
PIN	*	Of an authorised user		
Code	*	Of the above user		
Number of profile *		Two-digit		

* 2 3 * Deactivate profile				
PIN	*	Of an authorised user		
Code	*	Of the above user		
Number of profile *		Two-digit		

* 3 0 * Activate I/O (In-/output)				
PIN	*	Of an authorised user		
Code	*	Of the above user		

* 3 1 * Deactivate I/O (In-/output)				
PIN	*	Of an authorised user		
Code	*	Of the above user		

* 6 1 * Set date and time				
PIN	*	Of an authorised user		
Code	*	Of the above user		
Date	*	Six-digit, Format: MMDDYY		
Time	*	Four-digit, Format: HHMM		

Note:
If the time was set while the lock was opened, the lock has to be closed by entering the PIN and *!
Format date: MM = month (2 digits), DD = day (2 digits), YY = year (2 digits) => e.g.: 24. August 2014 = 082414
Format time: HH = hour (2 digits), MM = minutes => e.g. 11:39 time = 1139

* 6 4 * Check key pad		
0 * , 1 * , 2 * ...	In consecutive order from 0 to 9	

* 6 5 * Upload configuration				
PIN	*	Of an authorised user		
		Hold iButton onto reader		
Code	*	Of the above user		
		Display of progression and acoustic signals	%	

* 6 6 * download configuration				
PIN	*	Of an authorised user		
		Hold iButton onto reader		
Code	*	Of the above user		
		Display of progression and acoustic signals	%	

`* 6 7 *` Read out audit		🛈 ▤↓
PIN	`*`	Of an authorised user	✍ PIN
Code	`*`	Of the above user	✍ CODE
		Display of progression and acoustic signals	%

`* 7 3 *` Read out date and time	🛈 🕐
Display and acoustic signals	🕐
Hours: beep long = 5 hrs, beep short = 1 hr e.g. 5 o'clock: beep long – beep long – beep long – beep short – beep short Minutes: rounded to the next 5 minutes, beep = 5 mins.. e.g. 12 minutes: beep short – beep short – beep short Week days: beep long = 5 days, beep short = 1day e.g. Saturday (= 6th Tag): beep long – beep short	

`* 7 4 *` Display info about bolt position		🛈 🖥
	open	red LED 🖥
	closed	green LED 🖥

`* 9 9 *` Display system info	🛈 ▦🔒
Firmware lock, firmware key pad	

`* *` ◀◀ `* *` switch to bus on channel A
With redundant cabling manual selection of cable bus
Note: Maintenance-wise

`* *` ▶▶ `* *` switch to bus on channel B
With redundant cabling manual selection of cable bus
Note: Maintenance-wise

`* *` Lock address   `* *` change to which lock has to be communicated
Note: Address of the lock which has to be communicated with [two-digit, 00 bis 14 - Standard: 00]

Symbols used on display

Menu structure

Settings ☝		Service 🔧		Info 🛈	
☑	Program users	⏳	Time delay settings	▤↓	Read out audit
🔄 CODE	Change code	I/O ✓	Activate I/O (In-/ouputs)	🕐	Read out date and time
☒	Delete user	I/O ✗	Deactivate I/O (In-/outputs)	🖥	Display info of bolt position
🗓✗	Time block (whole days)	🕐	Set date and time	▦🔒	Show info of system data
👥	Activate profile	🔢	Check key pad		
👥✗	Deactivate profile	🔼	Upload configuration		
		🔽	Download configuration		

Prompts

	PIN		Code		Opening delay
	New PIN		New Code		Release time
	PIN to be deleted		Profile number		Date
	Hold iButton onto reader		Duration of time block		Time

Messages and notes

✓	Process successful		Wrong PIN
✗	Cancel, error occurred		Wrong code
	Lock opened		Code expired
	Lock closed		PIN blocked by parallel code Use another PIN
	Door open Close safe		
	Error because of closing sequence (operate other lock first)	or	Different bolt position at menu position Open or close both locks before operating
	Dual verification process Another PIN and code to be enetered		Operation block System blocked, week program active
	Battery warning Change battery		Time block Lock is blocked for whole days
	Battery compartment opened Power supply or battery compartment were removed. Check key pad for manipulation. Eneter PIN and code again		Manipulation block active Manipulation block after 4 consecutive wrong inputs, after 2 consecutive wrong inputs again
	Error on redundancy Call service		Lock is blocked Lock is blocked by an external signal
	Saving in progress		Opening delay active Wait for opening delay or open with instant opening code
	Changed bus		Automatic copying in progress Wait! Information is copied
	Falscher iButton		Invalid profile Profile deactivated
00:00	Remaining time (min:sec) After pressing ok the remaining time of opening delay or release window is displayed	A 00	Communication information (right side of the display) A/B which bus is being used 00...15 =>Lock address which is communicated with

Factory defined settings

Descriptions and settings in factory programmed level 10, 20 and 30

- **Standard** may only change his code and open. With level 20 and 30 further 4 or. 6 standard user profiles for differing from dual verification process, assignment of week programmes, etc.
- **User with instant opening code** can open the lock directly by bypassing an active time delay.
- **Master** for administering all user and time functions.
- **Gateway** for settings from an external location.
- **Timemaster** for setting the time and to bypass if time is wrong.
- **Manager** for administering the users.
- **Administrator** for administering all time functions as well as system settings.
- **User with additional medium**, means an opening is only possible with PIN+Code and a valid iButton
- **Service** may open with an active blocking signal, change settings of IOs of Gator Signal plus and read out configurations and audits.
- **One time code** with authorisation as the standard user, but gets deleted after using the code
- **Blocking profile** for deliberate reduction of users who can be created on the key pad. If only 5 users should be created instead of 48, then 43 users are assigned to the blocking profile.
  ATTENTION! Users can be assigned to the blocking profile via the software GatorSelect.
  .

Dual verification process with level 10
When activating the dual verification process it is automatically set for 00,01 and 02.

Dual verification process with level 20 and 30
To be assigned via the PC software GatorSelect in a matrix, which users of which profiles have to be combined.

Automatic locking
With the defined configurations all locks close automatically after 20 seconds without further action. This function is only accessible via the PC software Gator Select.
If automatic closing was deactivated, the lock closes by entering the PIN and the *.

Authorisation hotkeys with level 10 and 20

	Level 10 Level 20	Standard user	User with instant opening code	Master	Time master	Profile block
	Profile	00 06-09 (only level 20)	01	02	03	15
	Factory PIN			00	49	
	Factory code Class B			123456	494949	
	Factory code Class C			12345600	49494949	
	Open lock	●	●	●		
`* 0 0 *`	Program user			🔓		
`* 0 1 *`	Change code	●	●	●	●	
`* 0 2 *`	Delete user			🔓		
`* 0 4 *`	Time block			🔓		
`* 2 1 *`	Set opening delay			🔓		
`* 2 2 *`	Activate profile			🔓		
`* 2 3 *`	Deactivate profil			🔓		
`* 3 0 *`	Switch on I/O			🔓		
`* 3 1 *`	Switch off I/O			🔓		
`* 6 1 *`	Set date and time			🔓	●	
`* 6 4 *`	Check system	●	●	●	●	●
`* 6 5 *`	Upload config.			🔓		
`* 6 6 *`	Read out config.			🔓		
`* 6 7 *`	Read audit			🔓		
`* 7 3 *`	Read out date / time	●	●	●	●	
`* 7 4 *`	Locking status	●	●	●	●	●
`* 9 9 *`	Version info	●	●	●	●	●
`* * ◄◄ * *`	Switch to bus A	●	●	●	●	●
`* * ►► * *`	Switch to bus B	●	●	●	●	●
`* * Adr * *`	Changing lock communication	●	●	●	●	●

Table 1

●   when electronic lock is locked as well

🔓   only when electronic lock is opened

Authorisation hotkeys with level 30

	Level 30	Standard user	User with Instant opening code	Gateway	Manager	Admin	User open with add. medium	Service	One time opening	Profile block
	Profile	00 06-11	01	02	04	05	12	13	14	15
	Factory pin				00	49				
	Factory code Class B				123456	494949				
	Factory code Class C				12345600	49494949				
	Open lock	●	●		●		●	●	●	
00	Program user			●	🔓					
01	Change code	●	●		●	●	●	●	●	
02	Delete user			●	🔓					
04	Time block			●	🔓					
21	Set opening delay			●		●				
22	Activate profile			●	🔓					
23	Deactivate profile			●	🔓					
30	Switch on I/O			●		●		●		
31	Switch off I/O			●		●		●		
61	Set date and time			●		●		●		
64	System check	●	●		●	●	●	●	●	●
65	Upload config.			●		●				
66	Read out config.			●		●		●		
67	Read out audit			●		●		●		
73	Read out date and time	●	●	●	●	●	●	●	●	
74	Locking status	●	●	●	●	●	●	●	●	●
99	Version info	●	●		●	●	●	●	●	●
* * ◀◀ * *	Switch to bus A	●	●		●	●	●	●	●	●
* * ▶▶ * *	Switch to bus B	●	●		●	●	●	●	●	●
* * Addr * *	Changing lock communication	●	●	●	●	●	●	●	●	●

Table 2

● when electronic lock is locked as well

🔓 only when electronic lock is opened

User PIN	Name
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01	
02	
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