

## GL7p.x50x

Battery-powered electronic locker lock with optional PIN keypad

### FACTS AT A GLANCE

- With and without PIN-code keypad - mixed application
- Housing front available in white or black
- Clear status indication via push button position
- Elegant, low-profile design - intuitive operation
- Maintenance-free “Low-Power Technology”
- Simple retrofitting of existing lockers, no cabling, previous holes usable
- Mechanical lock (motor) for highest reliability
- Configuration via PC/laptop, data carrier, or NFC
- Master card handling also with PIN-code variant



The GL7p.x50x is a battery-powered RFID (Radio Frequency Identification) electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, available with or without a PIN code keypad.

The innovative design lock is the ideal solution for implementing a cost-effective, secure and intuitively operated electronic locker locking system for the secure storage of personal belongings. The locks are suitable for almost any locker material and require no cabling. They can therefore also be easily retrofitted in existing locker systems - existing lock holes from mechanical locks can be easily reused.

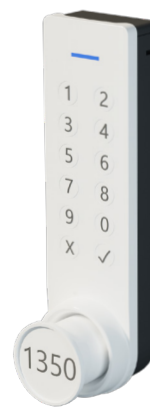
Operation is via RFID (NFC) and/or PIN code, ensuring a wide range of applications and security levels. The status of the locker (unlocked/locked) is immediately visible based on the position of the individually customizable lock button.

Easy configuration is possible via USB or wireless interface, programming card, NFC or app. Thanks to low-power technology, a battery life of up to 10 years is possible. And most importantly: a GL7p locker system can be easily integrated into an RFID access and cashless payment system.

GL7p.2500 BK/GY



GL7p.3500



GL7p.3501

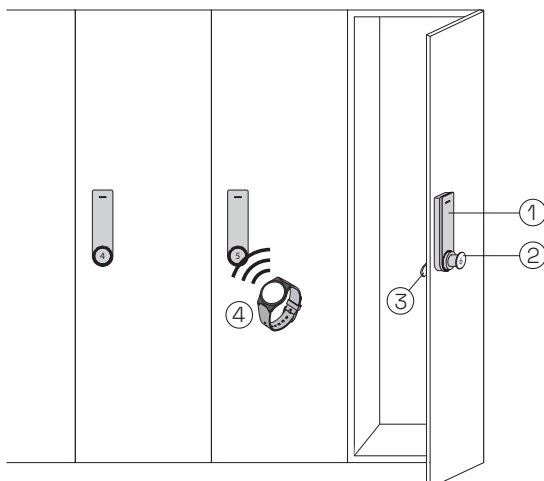


GL7p.3502 BK/GY

## Order information

Description	Part No.
<b>GL7p.2500</b>	922324
<b>GL7p.2500 BK/GY</b>	111140
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, with wireless interface, white/gray or black/gray (BK/GY) housing, without PIN keypad, without battery	
<b>GL7p.3500</b>	922223
<b>GL7p.3500 BK/GY</b>	111141
<b>GL7p.3501</b>	922021
<b>GL7p.3501 BK/GY</b>	111142
<b>GL7p.3502</b>	922122
<b>GL7p.3502 BK/GY</b>	111143
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, with wireless interface, white/gray or black/gray (BK/GY) housing, with PIN keypad, vertical orientation (---0) or horizontal (---1 = right-hinged door, ---2 = left-hinged door), without battery	
<b>Batterie 3.6V Lithium SL-860/S</b>	914430
Battery for the GL7p	
<b>GAT ECO.Basic Set FD lite</b>	1110092
Configuration set for the GL7p.x5xx locks. With USB programming cable, 3 MASTER, 1 DELETE MASTER, 1 SERVICE, 1 BATTERY, 1 PROGRAM and 1 APP KEY in MIFARE DESFire® technology	
<b>GL7p Battery Cover</b>	1105853
Battery compartment cover for the GL7p	
<b>GL7p Battery CoverKey</b>	749230
Specific key to open the GL7p battery cover	
<b>GL7p Button Plate - neutral white</b>	748633
<b>GL7p Button Plate BK - neutral black</b>	1112674
Button plate for the GL7p, without number, laser-print possible, adhesive layer on back	
<b>NOTE!</b> Various button plates and number stickers are available.	
Included in the scope of supply of the GL7p (see device features image on page 3):	
(3) 36 mm straight latch (615929 - GL7p FR36 cam) with nut	
<b>NOTE!</b> Other latches are available - refer to the "GL7p Cam Ordering Guide".	
(7) fixing nut	
(8, 9) Spacer sleeve and screw for anti-rotation protection	
(12) Button plate neutral white without number with adhesive (748633 - GL7p Button Plate)	

## Typical application



- 1 ....GL7p.x50x locker lock
- 2 ...Push button
- 3 ...Latch on the inside of the door
- 4 ...Identification (with RFID data carrier or PIN entry depending on lock type)

## Technical data

Power supply:	1 x 3.6 V lithium battery, size: AA, capacity: 2.4 Ah
- GANTNER approved batteries:	- Tadiran SL-860/S (Part No. 914430) - Tadiran TL-4903/S (alternative)
Battery lifespan:	Up to 10 years with 10 actuations/day at +20 °C
Data storage:	EEPROM for 150 bookings, data retained during battery change
Reader type:	- ISO 14443: MIFARE Classic / Ultralight® / DESFire® - NFC (HCE) - ISO 15693 - HID iCLASS CSN (13.56 MHz, Card Serial Number / UID)
Reading field frequency	- RFID: 13.56 MHz - Wireless: 2.4 GHz
Max. transmission power	- RFID: < 500 mW - Wireless: 3.7 dBm (2.344 mW)
Reading field range:	5 to 35 mm (depending on the installation conditions and data carrier)
Locking:	Mechanical with motorized latch
User guidance:	LED (multi-colored), beeper
Break-in resistance:	DIN 4547-2
Configuration interfaces:	USB 2.0 Micro-B, NFC, Wireless
Housing material:	Plastic (PC), halogen-free, V0
Housing color:	- white (front part), anthracite (rear part) - BK/GY: black (front part), anthracite (rear part)
Weight:	Approx. 0.25 kg
Permitted ambient temperature:	-20 to +60 °C
Recommended storage temperature:	-20 to 35 °C (max. storage time without battery inserted: 18 months)
Max. storage temperature:	60 °C (max. storage time without battery inserted: 6 months)
Protection type:	Refer to the GL7p Installation Manual
Certification:	CE, FCC, IC <b>NOTE!</b> See the GANTNER website for an overview of all certifications.

## Features and dimensions

