



FCC ID: XLY-2254

ATTACHMENT E.

- User Manual -

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USER GUIDE
RF&KEYPAD INTEGRATED
LOCKER LOCK
(MODEL :2254)

This manual is for the operation of locker lock by Keypad only.
For operation by RF key, please refer to our 2254 User Guide.

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1. Understanding 2254 Locker Lock

1.1 What is 2254 Locker Locks?

- 2254 locker locks are the locker lock operated by either 13,56 Mhz RF keys or Digital keypads.

1.2 Operation Card Types and Functions

- ◆ Key Card : Delete Master card registration in the lock
- ◆ Owner Card : Delete Master card registration in the lock
Register New Master card in the lock.
- ◆ Master Card : Each of the following function can be set.
 - ① Alarm Off
 - ② Alarm Off, User card delete & registration, and Locker open.
 - ③ Alarm Off and Locker open.
- ◆ Set – up Card : ① Set the Time of the lock when battery is replaced.
② Master Card registrations
- ◆ User Card : Two types of User Cards can be set by Locker Management System.
 - ① User card for Fixed Mode
 - ② User Card for Free Selection
- ◆ Clear Card : Delete the User information in the memory of the lock (Owner, Master, and User)

1.3 Locker Operation System

Locker Operation System (LOS) is consisted of PC based locker management program and RF Card reader, and enable the operator to issue User card, check lock status and to produce the statistical report.

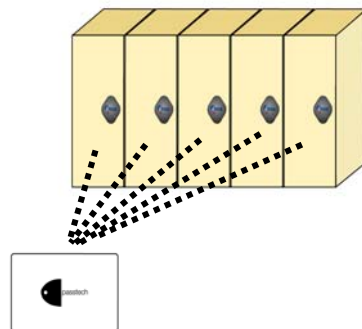
System requirements : Microsoft Windows XP
Serial port (or Serial to USB cable) for RF card reader
Interface

2. Type of Lock Operation

2254/2255 locker locks are designed to work for the various operation requirements by simple set up process. Following operation modes can be programmed before or after lock installation.

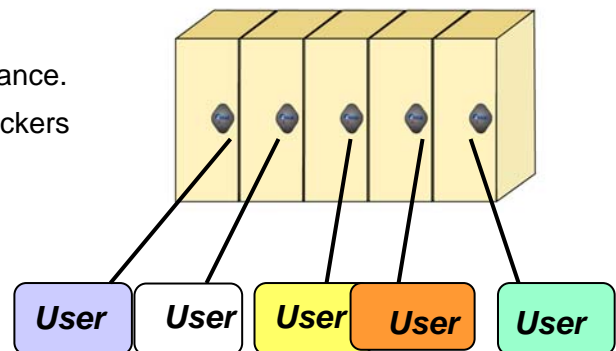
2.1 Free Selection (Day Use)

- User can select any empty locker.
- LED lamp is blinked to represent locker is in use.
- Programmable to use multiple locks with one User card.
- Programmable for Time based operation



2.2 Fixed Mode (Pre-Assigned Mode)

- Locker assigned to each User card in advance.
- Programmable to use multiple assigned lockers with one card (max. 5 lockers in current program).
- Programmable for multiple user mode per a locker (max. 9 users in a locker).



3. Operation of the Lock

3.1 Fixed Selection Mode

- 1) Default Pass Code :1234
- 2) Open : “ZEPHYR” button + “4 digit pass code”+ “ZEPHYR” button
- 3) Close : Automatic after several seconds
- 4) Change Pass Code : “ZEPHYR” button + old pass code + “ZEPHYR” button + new pass code + “ZEPHYR” button + new pass code + “ZEPHYR” button

Note: Passwords can be changed only when the lock is under unlocked situation.

- 5) If user wants to the RF key instead of Digital key, the digital key stored in the lock needs to be erased by Master Card (key), and new user RF key(card) can be used.

This

3.2 Free Selection Mode

- 1) Close : “ZEPHYR” button + self-selected 4 digit code + “ZEPHYR” button
- 2) Open : “ZEPHYR” button + the same 4 digit code + “ZEPHYR” button.
Bolt stays open

Note: After it is unlocked, any 4 digit password can be used to lock it.

In any case, lock will automatically open after 8 hours, however this time can be changed.

4. Lock Setting and Emergency open

4.1 Lock Setting

- 1) Press “Zephyr” button, and put the Key card and the programmed Set up card to the front lock body in turn.

Note : If the lock was already set to any operation mode, and you intend to change this operation mode, please erase any User information stored in the memory of the lock by using Clear Card.

- 2) The GREEN LED indicator will illuminate followed by melody.
- 3) The lock will stay as it was (i.e, there is no latch movement). Lock will retain code on both Free selection and Fixed Selection mode.

4.2 Emergency Open

- 1) In case User forget his(her) password, Operator can open the lock by Master Card.
- 2) Once Master card is used to open the lock, the lock reverts to default position

(i.e. lock will stay open for Free Selection, and default code of 1234 for Fixed Selection mode.).

5. Indication Instruction

- 1) All the pass code is 4 digit (0-9) .
- 2) “ZEPHYR” button: wake up button, the keypad or RFID does not respond before you press “ZEPHYR” button.
- 3) Open/Close : GREEN LED on for 0.2 second, one beep sound for 0.2 second.
- 4) Successful programming : Melody.
- 5) Indicate for mistake : RED LED flashes 3 times, 3 beep sounds
- 6) Low voltage : RED LED blinks 5 times, and beep sounds 5 times.
- 7) Incorrect pass code or input is beyond 5 digits: see #5, power off, need to press “ZEPHYR” button to wake up the keypad.
- 8) When the input is incomplete, after 5 seconds, see #5, power off .
You need to press “ZEPHYR” button again to wake up the keypad.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.