

Programming manual for cheap RFID and keypad lock from China

(ebay versions: Security RFID Proximity Entry Door Lock Access Control System 500 User +10 Keys, RFID Proximity Door Entry/Lock Access Home Security Control System + 10 Key Fobs, Security Keypad Access Controller, RFID Door Lock Access Control System +10 Keys)

Master code settings

Entering programming mode:

*MASTER_CODE#

Example: *990101#

Red LED changes from blinking to solid red.

To exit programming mode press:

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Default master code for this lock is: 990101

Master code resets to default after reset procedure.

To change master code press:

*OLD_MASTER#88#NEW_MASTER#NEW_MASTER#

Example: *990101#1234#1234#

(code must be 4 to 8 digits length)

To reset lock to factory settings (old cards and passwords are deleted, master code set to default):

*MASTER_CODE#86#

Example: *1234#86#

Reset master code: press "RESET" button on back of the device and "#" on the keypad.

Programming RFID keys/cards

To enter new RFID key/card to list:

*MASTER_CODE#15#<scan card>#<scan card>#... until all cards are programmed.

Example: *1234#15#<scan card until beeps>#

Remove RFID keys/cards:

*MASTER_CODE#17#<scan card>#<scan card>#... until all cards or keys are deleted.

Example: *1234#17#<scan card until beeps>#

Programming RFID key/cart to numbered list. Every key/card will have some number assigned. Better key some sort of journal to keep all recordings. It is useful to assign key to some user, and if user lost the key it is very easy to reprogram lock access.

*MASTER_CODE#12#<scan card>NNN#

Where NNN is list number from 000-999. Leading zeros are mandatory.

Example. To program some key to user with number 34: *1234#12#<scan card>034#

Delete key from the list:

*MASTER_CODE#19#NNN#

Example. To delete key from user 34: *1234#19#034#

Manual RFID programming using key's serial number. Only last 8 digits are used.

*MASTER_CODE#16#NNNNNNNN#

Example: *1234#16#01234567#

Delete key using key's serial number.

*MASTER_CODE#18#NNNNNNNN#

Example: *1234#18#01234567#

Using RFID + PIN number. To open the lock, user must scan RFID key/card and enter PIN. Programming key/car with PIN.

*MASTER_CODE#11#<scan card>#PIN#

PIN size from 4 to 8 digits.

Example: *1234#11#<scan card>#1452#

To open lock- scan card, enter PIN, press #.

Simple code lock functions

It is possible to program lock to use it with password or PIN. User must enter it's own code to open lock.

To enter new password:

*MASTER_CODE#13#PIN#

PIN- 4 to 8 digits.

Example: *1234#13#4125#

To open: 4125#

Delete password/PIN:

*MASTER_CODE#22#PIN#

Example: *1234#22#4125#

Delete ALL passwords:

*MASTER_CODE#23#

Example: *1234#23#

New card registration and deleting using master cards/keys.

This method is useful for unprepared users and user who do not need to know master code. Prepare two keys. One key will be master key to program new keys, other master key will be used to delete keys/cards.

Preparing master card to enter new cards:

*MASTER_CODE#14#<scan card>#

Example: *1234#14#<scan card>#

Preparing master card to delete keys:

*MASTER_CODE#24#<scan card>#

Example: *1234#24#<scan card>#

Programming new key/keys with master card:

<scan master card to enter new key><scan new key><scan new key>...

To delete keys:

<scan master card to delete key><scan card to delete><scan card to delete>...

Other functions

“Open doors days”- any RFID card will open the lock:

*MASTER_CODE#83#

Example: *1234#83#

Now ANY working RFID card/key will open the lock.

Automatic registration of RFID cards/keys:

Useful to register all user keys automatically without programming all the key. Just enter automatic registration mode.

*MASTER_CODE#84#

Example: *1234#84#

Now all the keys used with lock will open it and automatically are registered as valid keys.

Switch off “open doors” or automatic registration mode:

*MASTER_CODE#85#

Example: *1234#85#

Now lock is in normal mode and only valid keys/card can open the lock. All the card used in automatic registration mode are registered as valid keys.

Setup

Tuning latch speed:

*MASTER_CODE#25#NNN#

Where NNN is number from 003 (shortest) to 255 (longest) time when door latch and relay are activated.