

AIRTOUCH-X USER MANUAL



Technical Specifications:

- Stand Alone 1,000 card memory.
- Setting relay pull-up time (1 ... 255 seconds).
- Audio and visual message with piezo buzzer and RGB led.
- 12V - 24V AC/DC supply voltage.
- Max. 100 mA power consumption.
- Maximum Relay Voltage: 220V DC or 250V AC.
- Maximum Relay Current: 2 Amps.
- **Dimensions : 55 mm x 55 mm x 14 mm**

AIRTOUCH X is a contactless card access system designed specifically for elevators.

The AIRTOUCH X contact leads are normally open. If a valid board is brought close to the antenna, the contact terminals close and remain closed for the **Relay Pull Time**. After this time the contact terminals are open again.

The red light will flash on and off periodically during normal operation of the AIRTOUCH X.

CARD READING

Bring your board close to the antenna. There should be no iron between the antenna and the card. Reading can be done through glass, plastic or paper. If the card has already been recognized in the system, 2 beeps are heard and the contact terminals are closed. The LED light turns GREEN. If the card has not been recognized, a single long beep sounds and the LED light turns RED.

CARD INTRODUCTION

WITH MASTER CARD

Bring your master card close to the antenna. Receive a single short beep. Then the BLUE led light will turn on. Bring the card or cards you want to recognize closer to the device. If card recognition is successful, you will hear a short beep. To finish the card recognition process, hold your MASTER card to the device again. The red light will start blinking and normal operation mode will start.

WITH SET BUTTON:

Press the **SET** button behind the circuit 3 times in a row. The BLUE LED will light up. Bring the card or cards you want to recognize closer to the device. If card recognition is successful, a short beep will be heard. To finish the card recognition process, press the **SET** button and de-energize and re-energize the device.

ERASE ALL MEMORY

Press and hold the **SET** button on the back of the circuit board for 10 seconds. All memory will be erased and a sound and light message will be given.

RELAY TIME ADJUSTMENT

Press the **SET** button on the back of the circuit 4 times. In this case, Relay time setting mode is entered. After that, press the **SET** button as many times as you want to set the relay time in seconds. After a certain period of time, the Relay Time setting process ends automatically and an audible warning is given.

CONNECTION

RED CABLE= + 12 ~ 24V DC

BLACK CABLE= GROUND (GND)

WHITE CABLES = NORMALLY OPEN RELAY CONTACT TERMINALS (NO –COM)