EXITGUARD EX200 series Installation Instructions

EX204 Battery powered for use where a separate supply of power is not available and the protected door is opened infrequently or there is no requirement to sound the sounder for long periods. Can be powered from 12vdc if necessary. (Discard batteries)

EX205 12vdc powered for use where the protected door may be opened frequently or the integral sounder needs to sound for protracted periods. This version can also be interfaced with other equipment. There are volt free relay contacts to separately signal ON/OFF status and alarm conditions at remote points. **Cannot** be powered from batteries.

EX206 230vac powered version where the protected door may be opened frequently or the sounder needs to sound for protracted periods. There is a volt free alarm relay contact. This version is supplied with 6 x AA alkaline batteries for standby - **Note:** the batteries will **not** power the alarm relay.

All versions have key pad control, integral sounder with programmable tones, 5 mode LEDs, a front/back acting tamper switch and a logic output to signal to a **MULTIGUARD** indicator from **HED.** All are supplied with a door contact, fixing screws and door warning label.

Quick Install

EXITGUARDS are **NOT** intended for external use and to avoid damage should **not** be fixed to the protected door itself.

1.The door contact is in two parts; the magnet should be fixed to the door and the contact with its cable fitted to the frame. The cable should be taken to the EXITGUARD and connected as shown. **A** is the alarm input for the switch element (RD/YL) of the contact and **T** is from the tamper loop (BL/BK) of the contact.

2. Make all connections, apply power, a double bleep will be heard and the four mode LEDs will illuminate.

3. When the EXITGUARD leaves the factory there are no codes in memory. The four illuminated red LEDs are inviting you to enter a User Code. This must be a four digit memorable code. As the code is entered acknowledge bleeps are heard and each of the mode LEDs will extinguish. The code is now stored in memory and the EXITGUARD will emit a double bleep and should be in the OFF mode.

4. **OUT OF THE BOX** factory default settings are suitable for most applications. On first use we recommend that you use these settings to test the EXITGUARD. They can be changed later to suit local requirements. Test by entering the user code and pressing **I** for Chime Mode. A chime will be heard each time the door is opened.

Advanced Installation

The following parameters can be changed through the keypad:

1. **User Code**
2. Select one of six different alarm tones
3. Change auto re-arm delay 0 - 88 secs
4. Change **D**oor **O**pen **T**oo **L**ong (**DOTL1**) delay for keypad reset mode 0 secs - 88 mins.
5. Change **DOTL2** delay for auto reset mode 0secs - 88mins.
6. Switch **B**leep **I**n **O**ff (**BIO**) on or off.
7.Add or change a Reset/**Pass Code**
8. Add or change a **Manager Code**.

OUT OF THE BOX User Operation.

There are four possible modes:
Off Mode ⏻
Chime Mode **I**
Keypad Reset Mode **II**
Auto re-arm Mode **III**

When the **User Code** is entered the EXITGUARD is interrogated and one of the mode LEDs illuminates to indicate the current status.

After the **User Code** is entered there is a 5sec window to change the mode, eg. If the current mode is OFF and it is desired to switch to the Keypad Reset mode just enter **II** ie 2 on the keypad. Within 5secs the LED will extinguish. If a mistake has been made this can be rectified before the LED extinguishes by simply selecting the desired mode, the LED indication will change to the new mode.

If the Auto re-arm mode is selected then the factory default period of 30secs will be used unless set up differently. (see programming instructions to change the Auto re-arm period and other functions)

Power LED
Setup LED
Mode LEDs
Keypad

Wiring diagram (left panel)

These terminals BK RD PP are only used on EX204 & EX206

RELAY 1 | RELAY 2

NO COM NC | NO COM NC

If required the tamper switch To can be:
a. wired in series with the Blue or Black door switch tamper loop to give an audible alarm at any time.
b. wired in series with the Red or Yellow of the door switch contact pair to give an alarm condition only when the Exitguard is armed.
c. wired to a remote device to give a warning at a remote location.
d. ignored and not connected at all.

The on board tamper switch is connected to these two terminals, **To**

If the tamper switch is required fit the spring ensuring contact with the wall when the lid is fitted, **To** and operates when the lid is removed.

12vdc − +ve R M To T A

Input for **Fire Door Checker** (see scenario 4) **Or Temporary Pass through** (see scenario 7)
EX204 Apply 12vdc (140ma max) here if required.
EX205 Apply 12vdc (165ma max) here.
EX206 12vdc available here @ 100ma when mains power is available.

SYSTEM RESET

J1 — NORM / RESET

16vac

Factory Default.
To restore the factory default settings disconnect power completely for about 10 secs. Ensure the door contact & tamper loop are open. Move the SYSTEM RESET jumper J1 from its normal position to the reset position. Re-apply power four bleeps will be heard. Replace the jumper to the normal position. Two beeps will be heard and the four mode LEDs should be illuminated inviting you to enter a new user code. Re-close the tamper & door contact.

The Factory default settings are as follows:

User Code	None
Auto re-arm period	30 seconds
DOTL1 delay	00 seconds
DOTL2 delay	00 Seconds
Sounder Tone	1

8mm (max gap)

Magnet. Fit to door & align with contact

Magnetic Door Contact. Fit to door frame and protect from moisture

O/P to optional MULTIGUARD

Door Switch Contact Rd/Yl **A**

Door Switch tamper loop Bl/Bk

These relay contacts change state when the EXITGUARDis armed. EX205 only.

These relay contacts change state when an alarm condition is generated. EX205 & EX206

MULTIGUARD 2000 - 6

230vac Earth Neutral

1 AMP

Transformer is fitted in the enclosure back box and is pre-wired to the circuit board.
EX206 Mains Powered Version Only

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