Installation Guide

Series 1000
Door Monitor
A-1806D & A-1808D

CORNELL Communications, Inc.
Milwaukee, WI USA 53223

800-558-8957
FEATURES
- User programmable via keypad
- Allows remote arm and disarm functions
- Allows any 1-6 digit access code
- Keypad programmable 10-60 second exit time delay
- Remote exit time delay input from momentary SPST switch
- 48 hour (minimum) power-loss code retention

GENERAL
The keypad must be programmed before it will operate. If the keypad contains no programming when powered up, the yellow LED will flash rapidly. The user must enter the programming mode.

PROGRAMING MODE
To enter the programming mode, the following sequence of keys must be entered: *,0,0,*, then #. This is the programming mode access code. During entry of the above keys, the yellow LED will turn off. If these keys are not entered properly the yellow LED will again begin flashing rapidly awaiting the programming mode access code. If the code is entered correctly, the yellow LED will pulse once. At this point, enter the desired 1-6 digit function access code that will allow access to door functions, followed by the # key. For example, to enter function access code 1-2-3, enter 1,2,3,#. The keypad will acknowledge by pulsing the yellow LED twice. Now enter the exit time delay period, in seconds, followed by the # key (must be 10-60 seconds). For example, to program a 15 second delay, enter 1-5-#. The keypad is now programmed and will automatically enter the operating mode.

Note: If an invalid function access code is entered during programming (i.e., 7 digit code) the programming mode will be exited leaving the previously stored function access code in place or returning to the power-up condition if no code had been previously stored. Also, if an invalid exit time delay period is entered, the 10-second default value will be used.

OPERATING MODE
To access any door functions, the function access code must be entered followed by the “#” key. If the correct code is entered, the yellow LED will flash three times. Any of the three functions can now be used.
1. To disarm the zone, press and release the “*” key.
2. To arm the zone, press and release the “#” key.
3. To initiate an exit time delay cycle, press and release the “0” key. The yellow LED will light for the duration of the time period. During this time, the door may be entered/exited without causing an alarm and will re-arm automatically at the end of the delay period again securing the door.

At anytime while in the operating mode, the exit time delay cycle can be initiated by momentarily connecting terminals 3 and 4 of the keypad together with a SPST switch. Also, at anytime while in the operating mode, the programming mode can be accessed to change the keypad programming by entering the programming mode access code (see PROGRAMING MODE).

POWER-LOSS MODE
If power is removed from the keypad it will not function. However, its programming will be maintained for a maximum of 48 hours. If power is restored within 48 hours (maximum), the keypad will automatically resume operation. If power is not restored in time to preserve the keypads programming, it will need to be re-programmed when power is restored.

DA1806DPM
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OPERATING MODE
To use the exit time delay function, the function access code must be entered followed by the “#” key. If the correct code is entered, the yellow LED will flash three times. Press and release the “0” key to initiate an exit time delay cycle. The yellow LED will light for the duration of the time period. During this time, the door may be entered/exited without causing an alarm and will re-arm automatically at the end of the delay period again securing the door.

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A-1806D/A-1808D REMOTE CONTROL KEYPAD

REQUIRED WIRING BETWEEN ZONE CARD AND KEYPAD:
6-CONDUCTORS, #22 AWG (7-COND. IF WIRING GROUND)
[DOES NOT INCLUDE DOOR CONTACT CIRCUIT]

GROUND WIRING: Connect to local Earth Ground or wire back to Master Panel (proper grounding will reduce potential problems due to electro-static discharge)

Optional momentary SPST remote Request-to-Exit Switch

ZONE CARD (IN MASTER PANEL):
MODELS: A-1501/A-1201/
A-1511/A-1211

REMOTE GRN LED (−)
11 DOOR STATUS (−) [REGARDLESS OF ARM/BYPASS]
10 REMOTE RED LED (−)
9 AUX ALARM OUT (−)
8 REMOTE DISARM
7 REMOTE ARM
6 (+) 12 VDC
5 N.O. DOOR CIRCUIT
4 N.C. DOOR CIRCUIT
3 ZONE ENABLE
2 (−) 12 VDC
1 (−) 12 VDC

PRE-INSTALLED JUMPER:
REMOVE = ARM/BYPASS VIA REMOTE (KEYPAD) ONLY
LEAVE IN = ARM/BYPASS VIA MASTER AND REMOTE

DOOR CONTACT CIRCUIT
NOT SHOWN:
REFER TO DRAWING # 90031-03

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DATE: MAY 11, 2009
SYSTEM: 1000 Door Monitor
TITLE: A-1806D / A-1808D KEYPAD WIRING
DRAWING # 8022-09 DA1806WM