

Installation Guide

Series 1000

Door Monitor

A-1806D & A-1808D

CORNELL Communications, Inc.

Milwaukee, WI USA 53223

800-558-8957



A-1806D REMOTE CONTROL KEYPAD

FEATURES

- User programmable via keypad
- Allows any 1-6 digit access code delay
- Remote exit time delay input from momentary SPST switch
- Allows remote arm and disarm functions
- Keypad programmable 10-60 second exit time
- 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*.

PROGRAMMING 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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A-1808D REMOTE CONTROL KEYPAD

FEATURES

- User programmable via keypad
- Keypad programmable 10-60 second exit time delay
- Remote exit time delay input from momentary SPST switch
- Allows any 1-6 digit access code
- 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*.

PROGRAMMING 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 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.

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 PROGRAMMING 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.



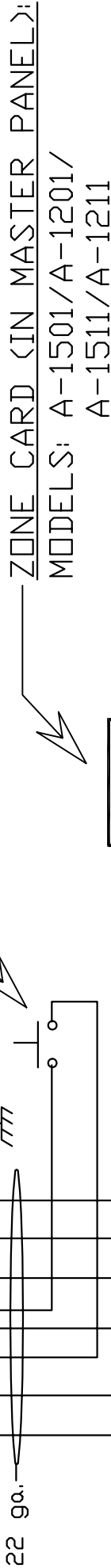
A-1806D/A-1808D REMOTE CONTROL KEYPAD

- 1 GRN LED
- 2 RED LED
- 3 RFX
- 4 12 VDC (-)
- 5 12 VDC (+)
- 6 ARM
- 7 DISARM
- 8 EQUIP. GROUND

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



- 12 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.D. 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

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