

QUICKSTART "BASIC" INSTRUCTIONS FOR 1812 PLUS and ACCESS PLUS



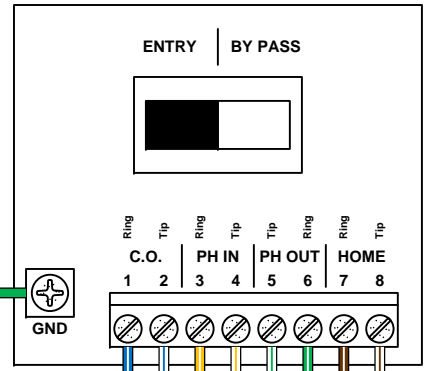
! CAUTION

Use common electrical safety practices when connecting telephone wires. You can receive a substantial jolt if the phone rings while handling these wires.

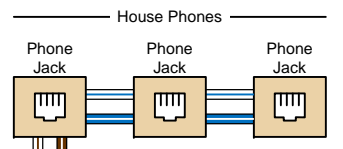
"RING" terminal voltage varies and can be between - 48 to -130 Volts DC, depending on the distance to the central office.

"TIP" terminal is always positive with respect to RING terminal.

Bypass Switch



Be sure to reconnect ALL house phones to the circuit.



- ### TERMINALS
- Phone In
 - Phone In
 - Ground
 - Phone Out
 - Phone Out
 - Not Used.
 - Switch Input Rly 1.
 - Switch Input Rly 2.
 - Battery - 12 VDC
 - Battery + 12 VDC
 - RLY 1 Norm Open
 - RLY 1 Norm Closed
 - RLY 1 Com
 - RLY 2 Norm Open
 - RLY 2 Norm Closed
 - RLY 2 COM
 - 16.5 VAC Input Pwr
 - 16.5 VAC Input Pwr

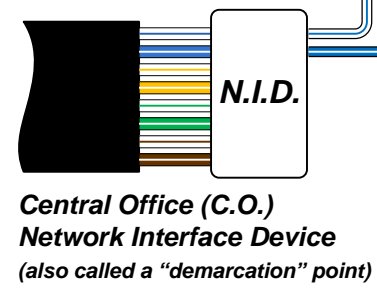
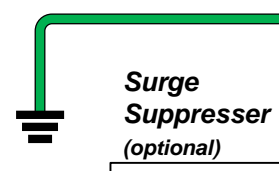
INSTALLATION INSTRUCTIONS / MANUAL

This "Quickstart" guideline is designed for installing a single 1812 in a typical single family home application using the factory default settings programmed in the 1812. Complete installation instructions and programming manual is available for free from our tech support website. **Please visit www.dkaccess.com/english/telephone_entry.html.**

PROGRAMMING

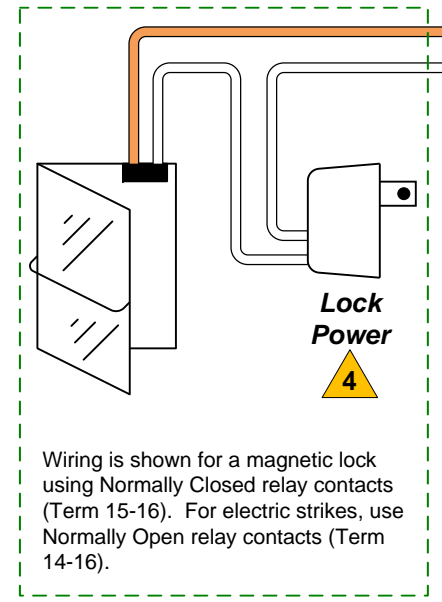
The 1812 has been programmed at the factory with many of the programming parameters (default setting) set for a typical residential application with a single 1812. **However, you must program a Master Code before putting the 1812 into service.**

If you are using more than a single 1812 in the system, or if you are using any of the advanced features of the 1812, such as Time Zones, Do-Not-Disturb Schedules, Call Forwarding, Holiday Schedules, Hold Open Schedules, Directory Code Dial-Out Phone Numbers, Temporary Access Codes, etc., you will need to download the complete installation and programming manual from our tech support website.



If surge suppresser is not used, connect wires directly to bypass switch.

Relay 1 To Gate Operator OPEN terminals.



Lock Power

Power Transformer 16.5 VAC, 20 VA

- Typical wiring using Cat5e or Cat 6 cable. Recommend Cat5e Gel Filled (flooded) UV Resistant Direct Burial cable run in conduit.
- Use minimum 18 AWG wire. Power with 16.5 VAC Transformer only. DO NOT power the 1812 from a 24 Volt source, such as a gate operator low voltage supply circuit.
- Surge suppresser ground wire should be 3-ft or less in length.
- DO NOT power magnetic locks or door strikes from the 1812 power transformer. These devices MUST be powered from a separate source.
- If alarm is present (Typically an RJ31x Jack), interface BEFORE surge suppresser and/or bypass switch.

Master Code LED

Blinking LED - power is applied to the 1812 and the processor is working.

Steady LED - system is in Master Code programming mode. (Reverts to blinking if master code is not entered within 10-seconds)

1 - Master Code

- Press the Master Code push button. (the LED will stay on steady).
- Enter a four digit Master Code number then press *.
---- * (beep)

2 - Relay Strike Time - 1/4 to 99 sec.

- Press * 0 3 and enter the Master Code.
* 0 3 ---- (beep)
- Press 1 for relay 1 or press 2 for relay 2, then press *.
_ * (beep)
- Enter a two digit strike time (00-99) and then press *.
__ * (beep)
- Press 0 # TOGETHER to end.
0 # (beeeeeep)

Note: Time entered in step 3 is in seconds. 00 = 1/4 sec., 10 = 10 seconds, etc.

3 - Simple Access Codes - 50 Max

- Press * 0 2 and enter the Master Code.
* 0 2 ---- (beep)
- Press 1 for relay 1 or press 2 for relay 2, then press *.
_ * (beep)
- Enter a five digit access code and then press *.
----- * (beep)
- Repeat steps 2 and 3 to enter additional codes.
- Press 0 # TOGETHER to end.
0 # (beeeeeep)

PHONE WIRING "101"

Modern Wiring ¹ Cat5e or Cat6	Old Wiring Four Conductor	
Tip 1 = WHITE / Blue Mark	Green	Green
Ring 1 = BLUE / White Mark	Red	Red
Tip 2 = WHITE / Orange Mark	Black	Black
Ring 2 = ORANGE / White Mark	Yellow	Yellow
Tip 3 = WHITE / Green Mark		
Ring 3 = GREEN / White Mark		
Tip 4 = WHITE / Brown Mark		
Ring 4 = BROWN / White Mark		

1. Recommend Cat5e Gel Filled (flooded) UV Resistant Direct Burial cable.