QUICKSTART “BASIC” INSTALLATION GUIDELINES FOR AN 1812 ACCESS PLUS CABINET AND BY-PASS BOARD

It is highly recommended that you consult the Installation/Owner’s manual for complete instructions on all the different types of installations. The 1812 Access Plus Telephone Entry System involves the installation of the 1812 cabinet, the by-pass board for the incoming telephone line, and wiring of these components (On reverse side). Be sure that all dirt, metal or wood debris is removed from inside cabinet after mounting it. This could damage the control board and cause a malfunction during operation.

Remove Control Board from Cabinet

The control board removal is the same for all models.

1. Unlock and open the 1812 Access Plus door.
2. Disconnect the keypad plug and door accessories plug from the control board.
3. Remove the 4 screws. Carefully remove control board.

CAUTION: Keep the control board in a protected area during this installation.

IMPORTANT: The 1812 Access Plus and by-pass board MUST be properly grounded! A gooseneck mounting post anchored in concrete does not make a good ground.

Install the By-Pass Board

The 1812 Access Plus by-pass board provides a method to by-pass the 1812 Access Plus and route the incoming telephone line directly to the homeowner’s phone. It must be installed as part of the 1812 Access Plus system. All telephone wires for the 1812 Access Plus must pass through the by-pass board. Mount the by-pass board in a location that is easily accessible by the homeowner. In case of 1812 Access Plus trouble or maintenance, the homeowner will use the by-pass switch on the board to route the incoming telephone line directly to their home phone. If the by-pass board is installed outdoors, it must be installed in a NEMA Type 4 enclosure (not supplied) with conduit to protect the board and wires from direct exposure to landscape sprinklers, rain, snow, and other elements.

“Entry” switch position: Routes incoming phone line through 1812 Access Plus and then to the home phone.

“By-Pass” switch position: Routes incoming phone line directly to the home phone, bypassing 1812 Access Plus.

Mount Cabinet on a Mounting Post

Use existing 4 holes in cabinet box to bolt the surface or wall mount models on a DoorKing mounting post (there are several different styles available). Use the hardware that is supplied with the mounting post. Run all necessary wires through the post to the cabinet (See reverse side).

Mount Cabinet Directly to a Wall or Pilaster

Use the 4 existing holes in the cabinet box to screw the surface or wall mount models to the wall. Run conduit inside or outside of wall or pilaster if desired. Use appropriate hardware to mount the cabinet (Not supplied). Be sure that the mounting hardware does not protrude into the cabinet where it could cause a short. Run all necessary wires through the conduit to the cabinet (See reverse side).

Flush Mount Cabinet in a Pilaster, Wall, or Kiosk

Mount rough-in box into the rough-in box with 4 supplied bolts.

Mount Rough-in Box

Mount rough-in box into the rough-in box with 4 supplied bolts. Run conduit inside wall into bottom of rough-in box if desired. Use appropriate hardware (Not supplied) to secure the rough-in box in place. Run all necessary wires through the conduit to to the rough-in box (See reverse side).

Install Rough-in Box

Mount rough-in box into the rough-in box with 4 supplied bolts. Run conduit inside wall into bottom of rough-in box if desired. Use appropriate hardware to secure the rough-in box (Not supplied). Run all necessary wires through the conduit to the rough-in box (See reverse side).

Join Home Phone with 1812's Wire Conduit

If installed outdoors.

If installed underground burial (Cat5e Gel Filled (flooded) UV resistant direct burial cable in conduit is recommended). DO NOT use wire that is rated for indoor application use. DO NOT run telephone wires in the same conduit as high voltage AC wire.

It is recommended to run all necessary wires to the by-pass board (See reverse side) in a “dedicated” telephone wire conduit.

Mount Cabinet on a Mounting Post

Use existing 4 holes in cabinet box to bolt the surface or wall mount models on a DoorKing mounting post (there are several different styles available). Use the hardware that is supplied with the mounting post. Run all necessary wires through the post to the cabinet (See reverse side).

Mounting Post

Use the 4 existing holes in the cabinet box to screw the surface or wall mount models to the wall. Run conduit inside or outside of wall or pilaster if desired. Use appropriate hardware to mount the cabinet (Not supplied). Be sure that the mounting hardware does not protrude into the cabinet where it could cause a short. Run all necessary wires through the conduit to the cabinet (See reverse side).

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Basic Programming for the 1812 Access Plus

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 Access Plus.

However, you must program a “Master Code” before putting the 1812 Access Plus into service. If you are using more than a single 1812 Access Plus in the system, or if you are using any of the advanced features of the 1812 Access Plus, 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/Owner’s and Programming Manual from our tech support web site.

Complete Instructions

This “QuickStart” guideline is designed for installing a single 1812 Access Plus as a typical single residential application using the factory default settings programmed in the 1812 Access Plus. Complete installation instructions and programming manual is available on the enclosed CD from our tech support web site. CLICK HERE TO VISIT DOORKING’S TECHNICAL WEB SITE: www.doorex.com/regional/Telephone_Entry/telephone_entry.html.

RS 485 Remote Device(s)

See Installation/Owner’s manual to configure the RS 485 access control device(s) device address, termination switch, programming etc. DO NOT power RS 485 device(s) from the 1812 Access Plus power transformer.

Telco Access Control Device(s)

Separate UL Listed power transformer if needed.

Programming Simple Access Codes

Programming Simple Access Code(s) to Operate Relay 1 and/or 2 on a 24/7 Basis – (Maximum of 50 codes)

1. Press * 0 # TOGETHER to end.

2. Press “0”* “TOGETHER to end. [

3. Press “0”* “TOGETHER to end. [

4. Repeat steps 2 and 3 to set the other relay strike time if necessary.

5. Press “0”* “TOGETHER to end. [

6. Press “0”* “TOGETHER to end. [

7. Press “0”* “TOGETHER to end. [

8. Press “0”* “TOGETHER to end. [

9. Press “0”* “TOGETHER to end. [

10. Press “0”* “TOGETHER to end. [

11. Press “0”* “TOGETHER to end. [

12. Press “0”* “TOGETHER to end. [

13. Press “0”* “TOGETHER to end. [

14. Press “0”* “TOGETHER to end. [

15. Press “0”* “TOGETHER to end. [

16. Press “0”* “TOGETHER to end. [

17. Press “0”* “TOGETHER to end. [

18. Press “0”* “TOGETHER to end. [

19. Press “0”* “TOGETHER to end. [

20. Press “0”* “TOGETHER to end. [

21. Press “0”* “TOGETHER to end. [

22. Press “0”* “TOGETHER to end. [

23. Press “0”* “TOGETHER to end. [

24. Press “0”* “TOGETHER to end. [

25. Press “0”* “TOGETHER to end. [

26. Press “0”* “TOGETHER to end. [

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30. Press “0”* “TOGETHER to end. [

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41. Press “0”* “TOGETHER to end. [

42. Press “0”* “TOGETHER to end. [

43. Press “0”* “TOGETHER to end. [

44. Press “0”* “TOGETHER to end. [

45. Press “0”* “TOGETHER to end. [

46. Press “0”* “TOGETHER to end. [

47. Press “0”* “TOGETHER to end. [

48. Press “0”* “TOGETHER to end. [

49. Press “0”* “TOGETHER to end. [

50. Press “0”* “TOGETHER to end. [

Low Voltage Surge Supressor

Recommended P/N 1878-010

18 AWG Max. 100 ft

16 AWG Max. 200 ft

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Technical Support Web Site

CLICK HERE TO VISIT DOORKING’S TECHNICAL WEB SITE: www.doorex.com/regional/Telephone_Entry/telephone_entry.html.