QUICKSTART “BASIC” INSTALLATION GUIDELINES FOR 1802 and 1802EPD

It is highly recommended that you consult the Installation/Owner’s manual for complete instructions on all the different types of installations. The 1802 Telephone Entry System involves the installation of the 1802 enclosure and conduit runs for all necessary wiring (On reverse side). Be sure that all dirt, metal or wood debris is removed from inside enclosure after mounting it. This could damage the control board and cause a malfunction during operation.

Remove Components from Enclosure

There are 2 different models of the 1802 telephone entry system - Standard 1802 and 1802EPD which has an electronic programmable directory with scroll buttons. Components removal is the same for the surface mount and flush mount units.

1. Disconnect cable(s) from the circuit board.
2. Unscrew 1 circuit board screw and GENTLY remove the circuit board.
3. Unscrew main terminal and remove the ground wire locknut.
4. Remove two locknuts from the faceplate hinge.
5. Remove the faceplate, main terminal (still wired) and store them in a Safe Place until they need to be re-installed.

Install Enclosure

1. Mount the enclosure using the mounting holes provided in the corners. Be sure that mounting screws or nuts (Not supplied) do not protrude into the enclosure where they could cause a short on the back of the circuit board. Make any necessary conduit connections through the back or bottom of the enclosure using the existing conduit knock-outs.
2. Route all wiring through conduit and wire accordingly (see reverse side for wiring).
3. Re-install components back into the enclosure.

Mount to a Mounting Post

There are different styles of DoorKing mounting posts. All mounting posts need the adapter plate (P/N 1802-111) to mount the 1802. Surface mount models ONLY.

Mount IN a Surface

DoorKing offers a self-standing lighted kiosk for the flush mount unit ideal for walk-up pedestrian applications (P/N 1200-160).

Mount ON a Surface

Examples of conduit runs that may be used, depending on how you choose to run the wiring. Some installations will allow the conduit to be run outside the wall and connect to the bottom of the enclosure but this is generally NOT recommended.

Discharge any static BEFORE removing the circuit board by touching a proper ground device.
QUICKSTART “BASIC” WIRING AND PROGRAMMING GUIDELINES FOR 1802 AND 1802EPD

**MASTER CODE**

The 1802 is programmed from the factory with “9 9 9 9” as the default “Master Code”. It can be re-programmed if desired.

**Master Code Switch Description**

- **Switch OFF** - Normal operating mode position.
- **Switch ON** - After master code switch has been turned ON, system will be in Master Code programming mode. (If master code switch is turned ON and master code is not entered, the system will sound a short tone after 30 seconds and continue every 30 seconds until master code is entered or switch is turned off).

**Re-Programming the “Master Code”**

1. Turn Master Code switch ON.
2. Choose and enter a four digit Master Code number, then press “*”.
3. Turn Master Code switch OFF.

*Write down your master code.*

**LCD Display - Welcome Note:** The welcome message is factory set and will probably need to be re-programmed for your specific needs. Refer to manual for re-programming welcome message if desired.

**LCD Display - 1802EPD ONLY Note:** The electronic programmable display should have the resident names programmed into it after the directory codes have been programmed in. Refer to manual for programming names into the 1802EPD system.

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**Basic Programming Required**

**Program the Directory Code Length into System**

Set the directory code length to 1 - 2 - 3 or 4 digits. If 11 or more residents are going to be programmed into the system, the directory code length must be at least two-digits. If 101 or more residents are going to be programmed in, the directory code length must be at least three-digits. The factory has already set this for three (3) digits but it can be changed if desired.

1. Press and enter your four-digit MASTER CODE (beep). Note: Factory setting is “9999”.
2. Enter the directory code digit length (1, 2, 3 or 4), then press (beep).
3. Press (beep) to cancel this function. OR press (beep) to confirm the change.

**CAUTION:** After programming this sequence, it is **NOT** recommended changing the directory code length.

**Re-programming this sequence in the future will delete ALL phone numbers and directory codes that have been previously programmed into the system.**

**Programming Phone Numbers - Up to 16-Digits**

In this programming sequence, the directory codes and phone numbers (up to 16 digits) will be programmed into the system. If you use directory codes 00, 000, 0000 and/or 01, 001, 0001 remember that the talk time for these directory codes are factory set to the maximum and cannot be changed. Use these directory codes to program management or emergency phone numbers, which generally require longer conversation periods.

1. Press and enter your four-digit MASTER CODE (beep).
2. Choose and enter a directory code (1, 2, 3 or 4 digits, depending on what was programmed above), then press (beep).

**Note:** Use the log tables in back of the 1802 manual to keep track of names, phone numbers and directory codes.

3. Enter the phone number (Up to 16-digits, but less digits will be accepted) for the directory code, then press (beep).

**Note:** Entering the number anywhere in the phone number (multiple #’s can be used) will cause the dialing sequence to pause (1-9 seconds) if necessary.

**Example:** Phone number 1-904-359-6679 needs to be dialed with a pause after the 1.

1. Press 01, and enter your four-digit MASTER CODE (beep).
2. Choose and enter a directory code (1, 2, 3 or 4 digits, depending on what was programmed above), then press (beep).

**Note:** Use the log tables in back of the 1802 manual to keep track of names, phone numbers and directory codes.

4. Repeat steps 2 and 3 to enter additional directory codes and phone numbers.

5. Press together to end this programming sequence (beeeeeeep).

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**Basic Adjustments Required**

**Speaker Volume, Microphone and Feedback**

Speaker volume, microphone volume and feedback ALL interact with each other to affect the audio performance of the system.

1. Locate the speaker volume, microphone volume and feedback adjustments on circuit board. Place a phone call from the telephone entry system to a resident using a resident’s directory code.
2. While they are talking, adjust the speaker volume for adequate sound.
3. Talk to the resident in a normal voice to adjust the microphone volume. Ask the resident to let you know when the sound in their telephone is adequate.
4. After speaker and microphone have been adjusted, ask the resident to remain silent.
5. Remove the jumper from the TONE OFF terminals on the circuit board and place it on the TONE ON terminals. A tone will be heard in the speaker.
6. Rotate the feedback adjustment. When the tone from the speaker is minimum, this is the correct adjustment.
7. Jumper MUST be moved back to the TONE OFF terminals when complete.

**Note:** High microphone and speaker volume levels may cause feedback. It may be necessary to reduce the speaker volume if the microphone volume is set too high. Likewise, it may be necessary to reduce the microphone volume if the speaker volume is set too high.