**Direct Connection Using a Crossover Cable**

**Direct Connection Using a Router (LAN)**

**Internet Connection**

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**Cat5e network cable. Maximum distance is 325 feet (100 meters).**

**SW1 (Modem / TCP Enable) must be in the ON position for Modem or Network Connections**

1. **To find your router’s IP address (for Windows XP):**
   - Click - Start > Run. Type cmd in open field then click OK.
   - Type at the DOS prompt: `ipconfig /all`
   - Press the Master Code push button (the LED will stay on steady).
   - Enter the IP address. Use the * key to enter the “dot”.
   - Enter the sub-net mask address (Use the * key to enter the “dot”).
   - Enter the default gateway (Use the * key to enter the “dot”).

2. **To test the router / Access Plus connection:**
   - Click - Start > All Programs > Accessories > Command Prompt
   - Type: `ping 192.168.1.30`
   - Press Enter – the result screen (like below) should appear.

3. **Press 0 # Together to end.**

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**Reboot:** If a programming sequence calls for a reboot, follow the steps in #6 below, if you are performing several programming steps that call for a reboot, complete all of those steps first, then perform the system reboot sequence in #6 below.

This programming sequence enables or disables TCP/IP support. It will also cause an automatic reboot of the 1812 two seconds after the programming sequence is completed. Perform this programming step after all other setup programming sequences have been completed, or whenever an individual network programming step is performed and it calls for a system reboot.

Once the Access Plus system is connected, the GREEN LED on the RJ-45 jack on the interface board will light indicating a good wire connection has been established. The LAN DOWN LED should go off after a few seconds if all previous programming steps have been completed and programmed successfully.

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**Programming Instructions Installation Manual**

Before proceeding, install the Access Plus management software on the PC that will be used for programming the unit. Once the software is installed and the Access Plus system is connected, refer to the software help screens for additional programming instructions.

Be sure SW1 is in the ON position (Modem/TCP ENB) on the interface board.

Perform the "Enable / Disable TCP/IP Support" programming step last, or whenever a change is made to any of the programming functions shown below as this sequence will cause the system to automatically reboot. The default is "disabled" so you will need to change this to "enabled". The system will automatically reboot.

Complete installation and programming instruction manuals for the Access Plus systems are available for free from our tech support website: www.dkaccess.com.

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