

1. Ethernet Cables and Batteries

This **Handheld Device** uses direct connection to the Target module using **Standard** (straight through) Ethernet patch cable.

Device uses two AA-size Ni-MH rechargeable batteries. Alkaline batteries can be used as an emergency source only.

2. Navigation keys

Cancel	Returns to the previous Menu
▲	Moves Menu selection up or increments a number
▼	Moves Menu selection down or decrements a number
Ok	Confirms current selection

3. Assign Network Parameters

This need to be set only once. Device will keep settings even battery is disconnected.

From the **Main Menu** scroll to **Network Setup Menu** and press **Ok**

- Select **Network Mask** and press **Ok**
 - Scroll through available masks using ▼▲ keys
 - Press **Ok** to save selection or **Cancel** to return to the **Network Setup Menu**
- Select **Gateway Address**
 - Change one octet at a time using ▼▲ keys

- Press **Ok** to save selection or **Cancel** to return to the **Network Setup Menu**
- Select **Own IP Address**
 - Change one octet at the time using ▼▲ keys
 - Press **Ok** to save selection or **Cancel** to return to the **Network Setup Menu**

Important: Own IP Address, Gateway Address and Target device IP addresses must be on the same subnet for this device to function correctly. An error message will be displayed if the addresses are not on the same subnet.

4. Selecting Target device address

IP address can be selected from the previously used list or new address entered.

Selection from the list:

- From the **Main Menu** select **Target IP List** and press **Ok**
 - Using ▼▲ keys scroll through the list of previously used addresses
 - Press **Ok** to select address. If address is not found, press **Cancel**

Entering new IP address:

From the **Main Menu** select **New Target IP** and press **Ok**.

Last used IP address will be offered as a template for a new selection

- Change one octet at the time using ▼▲ keys
- Press **Ok** to select next octet
- Press **Cancel** to return to the **Main Menu** without entering address

Newly entered IP Address will appear in the IP List as the top selection. The oldest selection will be removed from the IP List

Important: Target Device IP, Own IP Address and Gateway Address must be on the same subnet for this device to function correctly. An error message will be displayed if the addresses are not on the same subnet.

5. Assign IP address using BOOTP or DHCP requests

- From the **Main Menu** select **Assign IP** and press **Ok**
 - LCD will display: “**Waiting for Req**” and display IP address to be assigned.
 - Once request from device received, IP address will be sent to the target device and LCD will display: “**Send Attempt 1**” and target MAC address.
 - If target device starts using assigned IP address LCD will display “**Accepted IP Addr**” and target MAC address.

- Device will continue service BOOTP and DHCP requests. It will go back to the **Main Menu** after 5 attempts. You can return to the **Main Menu** any time by pressing **Cancel**

6. Setting Target device to “Static” (Disable BOOTP/DHCP)

After the IP address assigned to the device using BOOTP/DHCP, it's important to disable BOOTP/DHCP or make the IP static. If this is not done, the target device will not have an IP address after its power is cycled.

The target device must support this feature in order to work.

Important: Target Device IP, Own IP Address and Gateway Address must be on the same subnet or this feature will not be active. An error message will be displayed if the addresses are not on the same subnet.

- From the **Main Menu** select **Make IP Static** and press **Ok**
 - LCD will display: “**Connecting to**” and display IP address
 - Once communication is established LCD will display the message “**Set to Static Success**”

- If an error message is displayed or unable to connect then your target device may not support this feature, have no IP address assigned or Target Device IP and Own IP Address are not on the same subnet
- You can return to the **Main Menu** any time by pressing **Cancel**

7. Detecting an Unknown IP Address

This device will attempt to detect unknown IP address of your target

- From the **Main Menu** select **Read Unknown IP** and press **Ok**
 - Connect cable to the target device and cycle its power
 - LCD will display: IP and MAC address
 - You can return to the **Main Menu** any time by pressing **Cancel**

Important: it may take up to a few minutes to display the IP address. Not every IP address can be detected

Questions?

Send us email at info@plctools.com

IP Explorer Professional



Quick Start Guide

Revision 2.2

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