PingerPlus+ Firmware Update Instructions Version 1.89 November 16, 2007

0. Before starting the PingerPlus+ firmware update procedure,

ensure that the PingerPlus+ has fresh batteries installed,

or is powered using the AC adapter.

1. Creat a PingerFW directory on your hard drive. Extract

the PingerV1\_87.ZIP file the PingerFW directory. The

directory should contain two files; AutoUpdate.exe, and

Update.s19.

2. Assign the PingerPlus+ a static IP address on your network.

Also set the Subnet Mask and Gateway to match your network

setup.

3. Connect the PingerPlus+ to your network. After establish-

ing a connection, press the F1 "Ping" key. Press the F2

"Ping" key to ping your network's Gateway. The Ping

Response screen should display COUNT: 1, GOOD: 1, BAD:0.

4. Press the F2, "Repeat" key to return to the Ping screen.

5. Press the F3, "Setup" key to select the Setup screen.

6. Press the Up Arrow key twice to display Configure

"PASSWORD".

7. Press the F3, "Select" key.

8. Note the password displayed.

9. Press the F3, "Setup" key to return to the setup screen.

10. Press the Down Arrow key to display Configure "UPDATE

PINGER".

11. Press the F3, "Select" key. The PingerPlus+ will display"

"Finding Link ..." followed by "Update Enabled".

12. From Window's Explorer, double click on the AutoUpdate.exe

file. The "Update Vesion 1.89" dialog box will be

displayed.

13. Enter the PingerPlus+'s IP address and click "Update".

14. The "Password Needed" dialog box will be displayed.

15. Enter the PingerPlus's password and click OK.

16. The "AUTOUPDATE, Programming Complete without Error" dialog

box will be displayed after approximately 30 seconds.

17. Click "OK".

18. Click "Dismiss".

19. Wait for the PingerPlus+ to restart and verify that the

firmware version displayed in the Welcome screen is 1.89.

20. After the PingerPlus+ re-establishes a link, turn the

PingerPlus+ off. The PingerPlus+'s upgraded firmware is

now operational.