ETI MNPR® FIRMWARE UPDATE SOFTWARE FOR PALM

Instruction Manual

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REVISONS

Revision	Date	Details
1	11/12/2010	Initial Revision

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SAFETY PRECAUTIONS

WARNING

There are potentially dangerous/lethal voltages present in and around network protectors and associated equipment. Failure to follow safety precautions and wear proper PPE could result in personal injury and/or death as well as equipment damage.

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MNPR® Firmware Update

Certain versions of the MNPR® (part numbers 521923, 521938, 531923, and 521975) are capable of having their firmware flash updated.

The MNPR® Firmware Update software is distributed with the latest firmware for the MNPR®. Pressing the Upload button shown in Figure 1 will read the relay and determine if it needs to be updated.

Figure 1

Upon reading, one of three messages will appear. If the firmware built into the uploader is newer than what is running on the relay, the message shown in Figure 2 will appear. If the firmware is the same version, the message shown in Figure 3 will appear. If the relay is running newer firmware than the uploader, the message shown in Figure 4 will appear (You should probably not update the relay in this case). If this last message appears, the uploader is probably out of date and it is suggested that you contact ETI for a newer version.

Figure 2

Figure 3

Figure 4

After pressing "Yes" the dialog box shown in Figure 5 will appear. It is imperative that the network protector be blocked open before proceeding. Since the MNPR®'s internal operating software (firmware) is being updated, it will be nonfunctional during this time.

After verifying that the handle is in the open position and that the network protector is open, press "OK". The screen shown in Figure 6 will appear as a final confirmation before the upload begins.

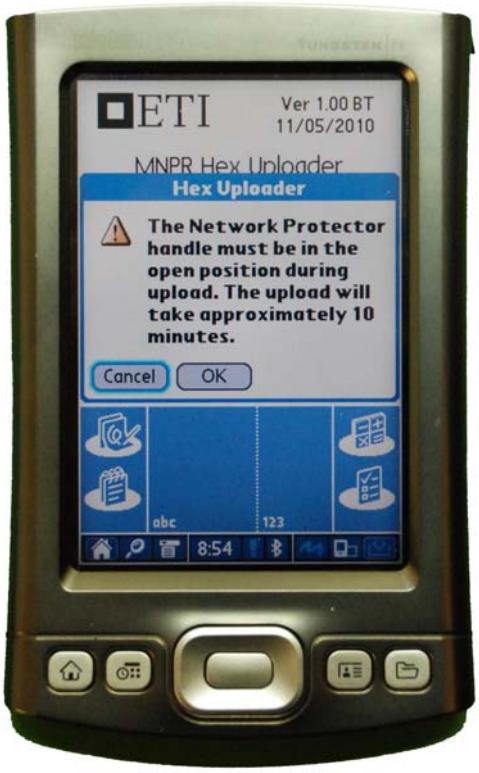

Figure 5

Figure 6

The upload will then proceed as shown in Figure 7. Upon completion, the Uploader will verify the current operating parameters of the MNPR® to ensure that they are compatible with the new version of firmware just loaded. If compatible they will be preserved. If not, the user will be notified as shown in Figure 8, that the settings will be reset to factory defaults and will need to be reprogrammed appropriately. If the upload and settings check/reset are successful the message shown in Figure 9 will appear.

If the upload fails to complete, an error similar to that shown as in Figure 10 will be displayed.

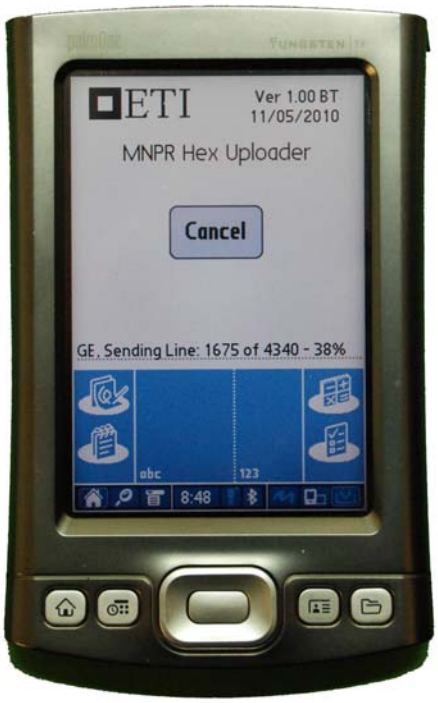

Figure 7

Figure 8

Figure 9

Figure 10

If the upload fails, or the relay had no firmware running to begin with, it will be necessary to manually specify the type of relay to be programmed. It is very important to select the correct relay type. **Loading the wrong firmware will cause improper and possibly unsafe operation of the relay.** Press the appropriate button for the relay currently connected as shown in Figure 11.

Choosing the relay type will start the upload in a manner similar to the process previously described starting with the screen shown in Figure 5.

Figure 11