



Marksman© Hub Instructions

2464-305 Rev. A

Theory of Operation

The Marksman© Hub is a device that can be attached to a network and used by the Marksman© Controller to turn on and off alarm beacons or strobes. The Hub has the capability to control two different beacons, each containing two different colors: red and green.

If a low ink condition exists on a controller, the red beacon will be turned on solid; if an error occurs that prevents the system from printing (i.e. out of ink, low head temperature, no high voltage), the red beacon will flash. The green beacon will be turned on when all errors are gone. If multiple controllers are using the beacon, it is possible that both the green beacon and the red beacon could be on.

The Marksman© Hub has its own IP address (10.1.2.50 default value) for communication with the Marksman© Controller. The Marksman© Controller is configured via the Configuration / System Internet web page, designating which port the Hub communicates to. Multiple Marksman© Controllers can be connected to a single Marksman© Hub to control the beacon. The strobe will stay on or flashing, depending on the error, until all the Marksman© Controller errors are resolved. The Hub also contains four RS232s that are not supported by the Marksman© Controller. Serial B is used to set the IP address of the Hub. There are three LEDs on the front of the Hub: 1 green (POWER) and 2 red (MALFUNCTION 1 and 2). The POWER LED comes on when power is applied; MALFUNCTION 1 will stay on until a Marksman© Controller connects to it through the Ethernet port. MALFUNCTION 2 is not used.

Setting the IP Address

To set the IP address, complete the following steps:

- Connect Serial B on the Hub to the computer's serial port with a null modem cable (not supplied).
- Open Hyper Terminal
- Configure Hyper Terminal to:
Baud Rate=9600, Data Bits=8, Parity=none, Stop Bits=1, Flow Control = None.
- Power up the Marksman© Hub
- Follow the commands to change the IP address.

10.1.2.50

Marksman© Hub.

Version X.XX

Please Type SET with in 10 seconds if you wish to set the IP Address

Please Enter New IP Address xxx.xxx.xxx.xxx

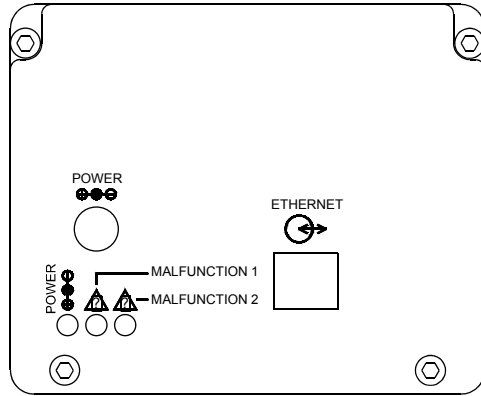
Using IP Address xxx.xxx.xxx.xxx

xxx.xxx.xxx.xxx

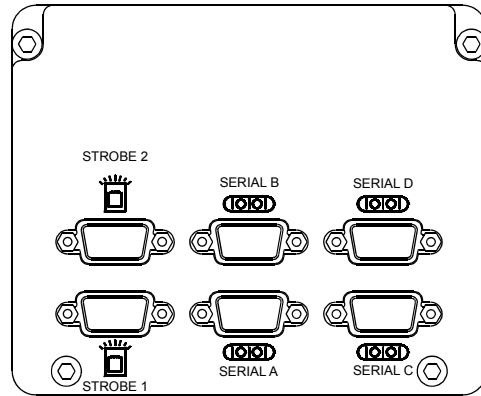
Mounting

Use the mounting plate included with the Hub to mount it at the desired location. Make sure there is access to an Ethernet port.

Views



FRONT VIEW OF MARKSMAN HUB



BACK VIEW OF MARKSMAN HUB

Dimensions

