



# ATTENTION



Proper Lightning Discharge Arrestors, Grounding and Wiring techniques are recommended.

It is important to protect your equipment from discharge events. Damage due to lightening is not covered under warranty.

### Notes

To ensure successful installation please follow the hardware setup and then the software setup on the previous pages. Please test the full operation of the unit with your selected configuration prior to final installation.

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For additional information and technical support, refer to the Users Guide.

#### Contact Information:

Sales	888-928-3837 (Canada and United States) +1+250-766-9229 (International)
Technical Support	888-928-3837 (Canada and United States) +1+250-766-9229 (International)
E-Mail support	support@waveteq.com
Website:	www.waveteq.com

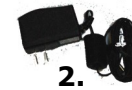
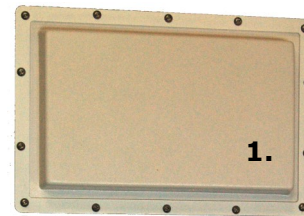


## ShadowMaster Quick Start Guide

Thank you for purchasing the ShadowMaster from Waveteq Communications. This document will assist you in the initial setup and installation of the ShadowMaster.

### What's In The Box

1. ShadowMaster Radio
2. Wall plug AC Adaptor
3. Power over Ethernet (PoE) Injector
4. 2 U-Bolts complete with washers and nuts
5. 2 Field Attachable IP67 Ethernet Connectors (Weatherproof plug for RJ-45)
6. 1 Ethernet Dust Cover
7. Self Sealing Tape
8. Documentation CD
9. Quick Start Guide (This Document)



To ensure a successful installation please follow the hardware setup and then the software setup on the following pages. Please test the full operation of the unit with your selected configuration prior to final installation.

## Hardware Setup

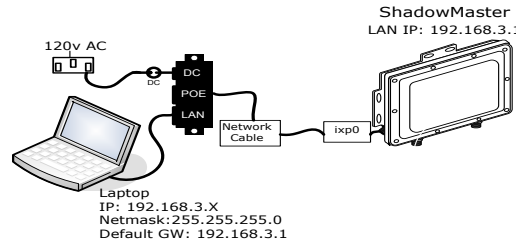
- Assemble the field connector around the RJ-45 cable as per figure 1 using the Ethernet wire standard of your choice (T-568A or T-568B). Please ensure end is crimped.

Fig. 1



- Connect computer to ShadowMaster as per Figure 2 below.

Fig 2.



**Note:** Please test your ShadowMaster setup prior to final installation to ensure final configuration is correct.

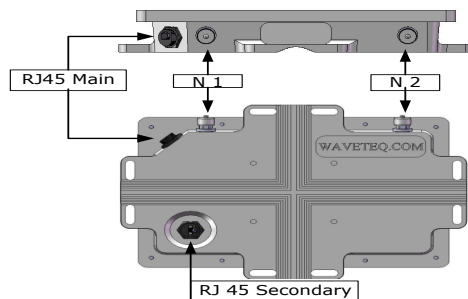
## References

The hardware interfaces on the ShadowMaster correspond to the following logical references during the configuration process.

### External ShadowMaster Connectors      Logical Reference

- External N Connector "N2" and Internal Antenna = ath0
- External N Connector "N1" = ath1
- RJ-45 Main = ixp0
- RJ-45 Secondary = ixp1

Fig 3.



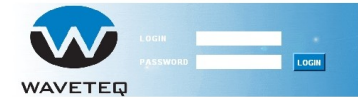
## Basic Software Setup

From the factory the ShadowMaster is configured as an access point. In this configuration the unit is set to transparently bridge the Ethernet Port (ixp0) to the internal 5 GHz antenna (ath0). The default IP address for the bridge has been set to 192.168.3.1 with an SSID of DEFAULT1 on Channel 36.

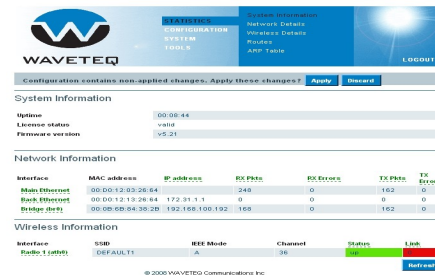
- Configure your Local Area Connection or the Wireless Area Connection as follows (Refer to Fig. 2):
  - IP Address of 192.168.3.X
  - Subnet Mask 255.255.255.0
- Type in the above gateway address in your web browser. Login at the welcome screen using user name and password shown below.

### Defaults:

Username: admin  
Password: admin01



- After logging on to the ShadowMaster you will be directed to the System Statistics page as shown below. Choose "Configuration" in the menu to start making changes to the set up or to upload your new configuration file.



Once the ShadowMaster is properly configured, mount it at the desired location and use the self-seal tape to provide an extra layer of protection around the Field Attachable Connector and LAN cable as per the Weather Proofing document instructions to be found on the Documentation CD.