NTS 02-G
QUICK START GUIDE

QUICK SETUP

1. Install antenna in a location visible to the sky; connect to lightning arrestor (Optional).
2. Install the NTS 02-G in the desired location and connect to the antenna.
3. Connect the NTS 02-G to the network switch.
4. Connect to power, ensuring correct voltage is used.
5. When running the NTS 02-G for the first time, Output, Time, Network, and Security settings can be configured by running the Configuration Tool software on any PC on the same network as the NTS 02-G. *See Configuration Tool Tips and Networking Tips for more help.*
6. Once the NTS 02-G is fully setup, connect the Ethernet adapters to your network as desired.

CONFIGURATION TOOL TIPS

- The Configuration Tool software is available from www.tekron.com.
- To connect to your NTS 02-G: Press the **Discover** button, then select the NTS 02-G from the list, then press the **Configure** button. The default login is:
  User Name: admin
  Password: Password*
- A new password can be set by pressing the 🔒 button.
- In most cases, set the "Cable Delay" to 4ns for every meter of antenna cable, and the "Mask Angle" to 5 degrees. This can be set on the GPS tab.
- The connection settings for each Ethernet adapter can be set on the Network Tab. On this tab you can also set your desired NTP settings.

*Warning: Please ensure that you record your password and store it in a secure manner. In accordance with Cyber Security "best practice", if the administrative passwords are lost, the device must be sent back to the manufacturer to recover the password.

NETWORKING TIPS

- If the NTS 02-G does not appear when you press **Discover** in the Configuration Tool, either connect the NTS 02-G directly using a cross-over Ethernet cable, or alternatively download and install the driver from tekron.com to connect your NTS 02-G using a USB cable.
- If using DHCP: before powering up, ensure the NTS 02-G is connected to the network.
- Ensure your firewall(s) has UDP exceptions for the configuration program and ports 9992, 9997 & 9999.
- Ensure you have administrative rights on your PC.

DEVICE CONNECTION TIPS

- Where connecting external devices to P2 and/or P3 twisted pair cable is recommended.

Back Panel: Inputs & Outputs

www.tekron.com