

December 2012

Author:
Steve Overmyer, Sr. Design Engineer
Janus Remote Communications

Wi-Fi Terminus Application Note Resetting to Default Configuration

Overview

Wi-Fi Terminus models have the ability to be reset to the default configuration. Performing the reset will restore the MIB (Management Information Base) to the state it was in when shipped from the factory. It will not reset the MAC address, as this should remain unchanged from the original factory setting. *Earlier versions of the Wi-Fi Terminus (Manufactured under the 'NavTrac' label) require firmware and hardware modifications in order to support the reset feature.*

The following illustrates the procedures for resetting the NT-100ST series and NT-200 series Wi-Fi Terminus devices.

NT-100ST series (NT-110ST & NT-120ST)

Tools required: - Phillips head screwdriver
- jumper wire (a 3" piece of #24 solid wire is ideal)

Make sure the unit is turned OFF, and not connected to USB power.

Remove the case feet (attached by adhesive) and the two Phillips head screws that cover from the bottom of the case. [Figure 1.]

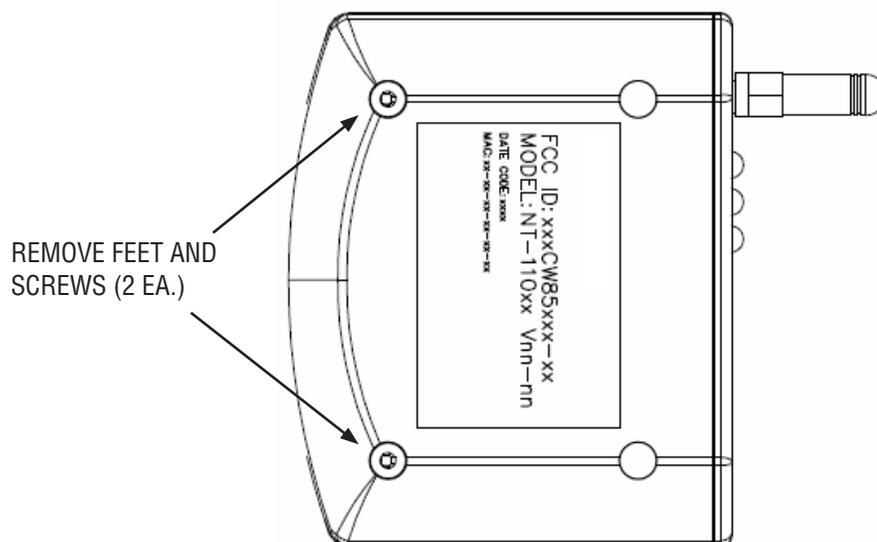


Figure 1

Application Note 108

Separate the two halves of the case, being careful not to strain the battery wire cable that remains attached to the two case sections. [Figure 2.]

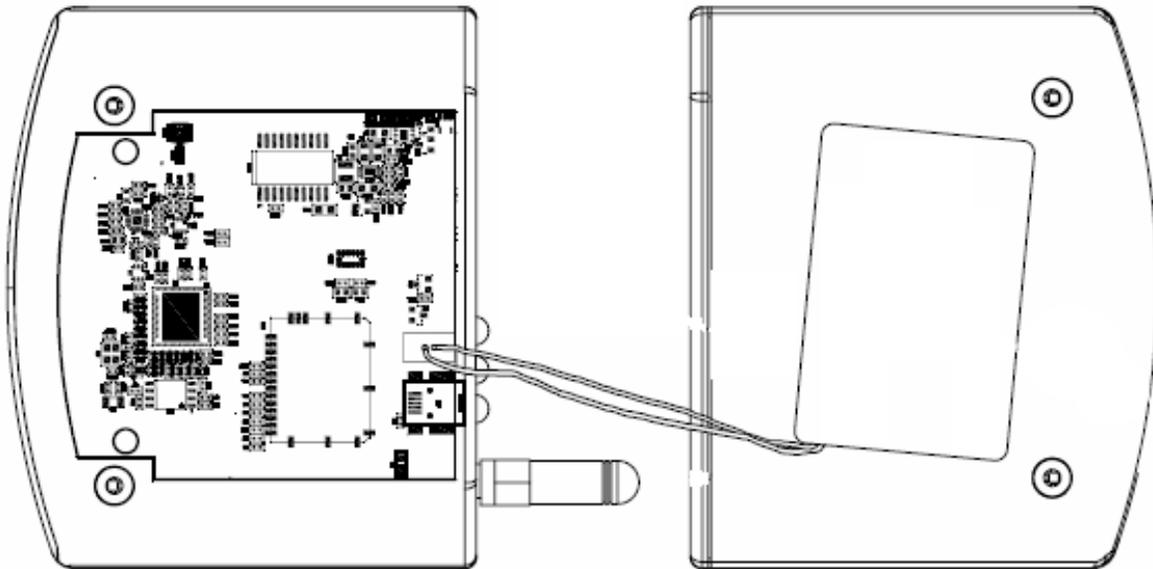


Figure 2

Use a short piece of wire to short positions 5 and 15 together on the long connector across the back edge of the printed circuit board. It should be possible to insert the ends of the wire into the socket strip connector. [Figure 3.]

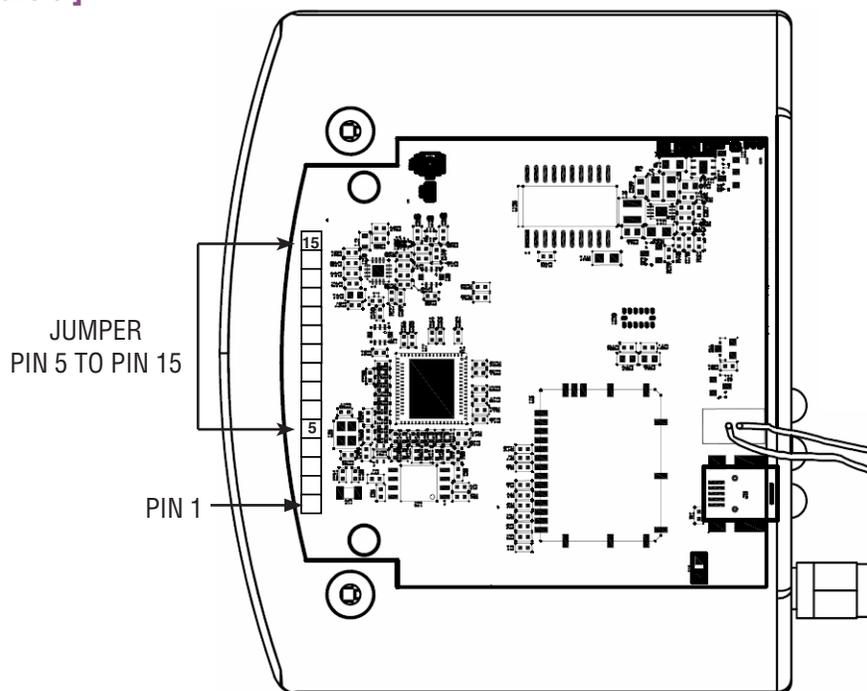


Figure 3

Application Note 108

With the shorting wire in position, place the power switch in the ON position. After 5 seconds the STATUS LED will light for a full 3 seconds, indicating that the default settings have been initiated. Turn the unit power switch OFF and remove the jumper wire. When the unit is powered again, the unit will have the default settings restored. Note that this second power cycling following the reset is necessary to fully load the reset parameters.

Fit the two halves of the case back together, being careful not to pinch the battery wires. Replace the two screws and re-attach the two case feet to the screw heads.

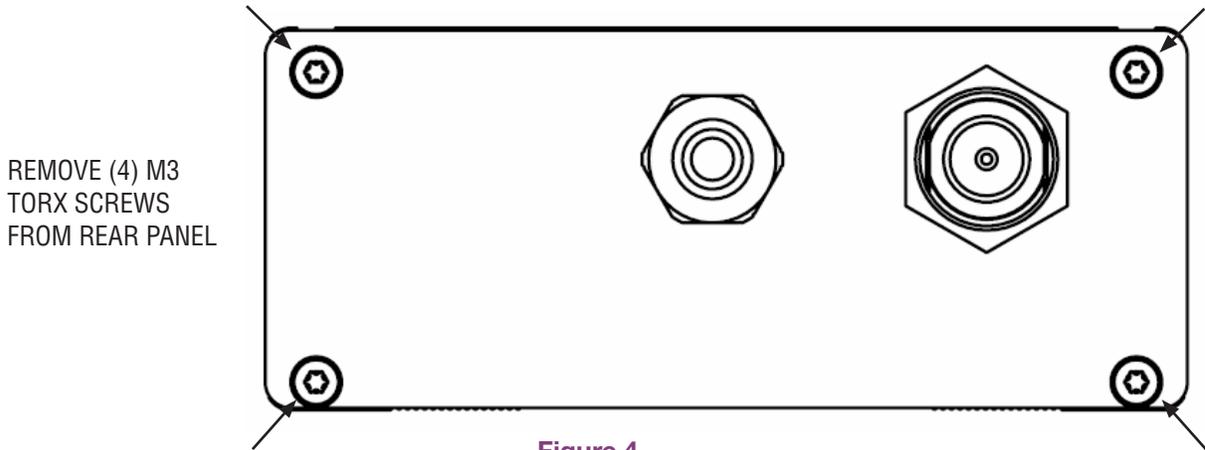
Application Note 108

NT-200 series (NT-220ST, NT-220LT)

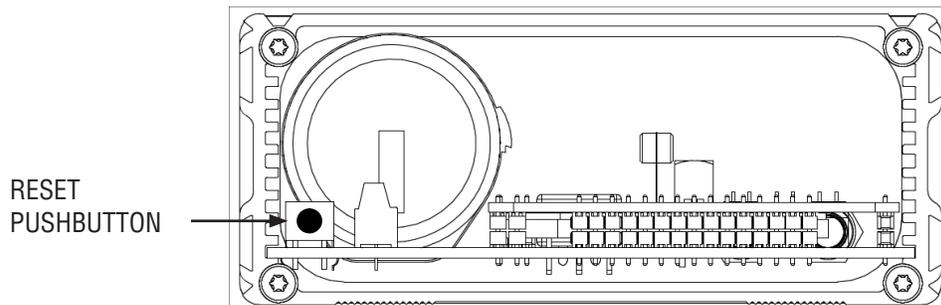
Tools required: - M3 Torx head screwdriver

Make sure the unit is turned OFF, (and not connected to USB power on those models with that option).

Remove the 4 Torx head screws and washers on the rear case panel with the antenna connector. [Figure 4.]



Move the rear case panel enough to allow access to the reset pushbutton on the p.c. board at the edge of the case. [Figure 5.]



While pressing and holding the reset button, place the power switch in the ON position. After 5 seconds, the STATUS LED will light for a full 3 seconds indicating that the default settings have been initiated. Release the reset button and turn the unit power switch OFF. When the unit is powered again, the unit will have the default settings restored. Note that this second power cycling following the reset is necessary to fully load the reset parameters.

Position and attach the rear case panel using the 4 Torx head screws with washers. Make sure the gasket material fully seals the case end panel joint. Do not over-tighten the screws.