

WNI-32 NCE Pro Cab Wi-Fi Interface Module

Compatibility, Firmware Issues and Workarounds

This document is online at <http://www.wifitrax.com/manuals/WNI-32/WNI-32-known-issues.pdf>.

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Compatibility

Hardware: The WNI-32 has been tested and is compatible with Pro Cab PCB Rev E, F and F2; and Power Cab PCB Rev E, F. some customers have had success with earlier hardware. Some Pro Cabs have the 9-pin JST socket at the end near the socket. Please ask for a longer 9-way JST cable for these.

WNI-32 with serial numbers less than 60200176 need a modification to work with Pro Cab versions manufactured in 2025. These have a PCB Revision “Rev F2”. These units can be fixed with the addition of a 100K pull-up resistor between pins 1 and 5 of the 9-pin JST connector. [See this document for instructions](#) or contact Wifitrax to return for free modification.

Firmware: Pro Cab Firmware Version 1.3.

Known Firmware Issues

Number	Description	F/W Version found	Work Around	F/W Version Fixed	Comments Relating to fix
1	Recall Stack Issue: When returning to a loco in the recall stack, sometimes functions are reset on the loco.	1.0.11	The functions are not reset when the loco is moving. If the loco is left stationary functions must be reconfigured when returning to the loco in the recall stack.	1.0.12	In version 1.0.11, the WNI-32 is disconnected from the loco being controlled by a WFD-30/31 when a new loco is selected in the recall stack. When the loco speed is zero, the loco page in the WFD-30/31 will be removed. If the speed is non zero it will be retained for continued control at the same speed when the operator returns to the loco in the WNI-32 recall stack. In Version 1.0.12, connection is always maintained to all locos in the recall stack.
2	Recall Stack Issue: When a loco is deleted from the recall stack (by setting the DCC Address to zero), other locos in the stack cannot be controlled.	1.0.11	When removing a loco in the recall stack, you need to re-select other locos in the recall stack.	1.0.12	In versions 1.0.11 all loco connections added to the WiThrottle connection were removed using the MT-*

