TCS ™

Our Famous
GOOF PROOF Warranty

1624 AS-MB2-NC

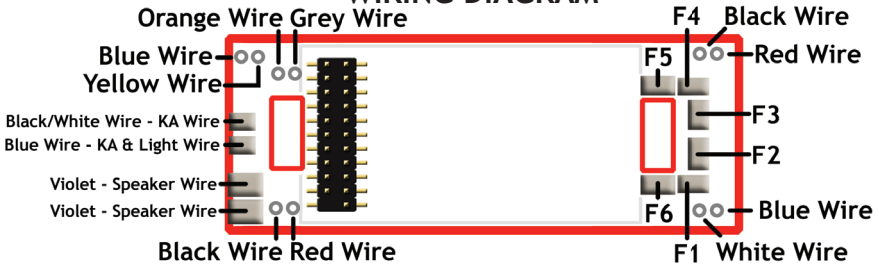| Scale	Pairs well with
HO	WOW121-Diesel and EU621

Dimensions: 1.8" x 0.68" x 0.23" or 45.9mm x 17.3mm x 5.83mm

This motherboard is designed to replace the original lighting board in Atlas diesel locomotives. Included with this mother board is a KA4 Keep-Alive™ for smooth operation over troublesome tracks. Pair with a WOW121 for unparalleled sound and interruption free performance.

NOTE: This product does not function without a 21-pin decoder.

WIRING DIAGRAM

Orange Wire Grey Wire
Blue Wire
Yellow Wire
Black/White Wire - KA Wire
Blue Wire - KA & Light Wire
Violet - Speaker Wire
Violet - Speaker Wire
Black Wire Red Wire
F4 Black Wire
F5 Red Wire
F3
F2
F6 Blue Wire
F1 White Wire

For LED's: All output functions have built-in, current limit resistors for LED's.

For additional lights simply solder the negative lead from your LED to one of the function output pads (F1-F6) and then solder the positive lead to the Blue Wire pad 12v+ Common.

NOTE: This mother board is designed for LED use only

For full installation instruction visit the
http://www.tcsdcc.com/HO_Installs

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WARRANTY PROCEDURE: All decoders are covered by a one year, goof proof, warranty. **Please return in a small box.**

1. You MUST register the failed decoder on our website at www.tcsdcc.com. If you do not have access to a computer you MUST call to register your warranty at: **(267) 733-3408**
2. Print out a copy of the Warranty Registration and include it in the box with the decoder(s).
3. Return decoder(s) directly to us using the address below.

Compatible with NMRA DCC standards. Made by **TCS** in the USA.

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