TCS®

WOWKits

1784 WDK-BAC-3

Scale	Functions	Function Rating	Continuous/Peak
HO	8	100 mA	1.3 /2.0 Amp

HO-Scale Bachmann DCC Sound Conversion Kit

Included in this WOWKit:

WOW121-Diesel + AS-MB2-NC Motherboard + KA3 Keep-Alive™ + UNIV-SH1-C WOWSpeaker Kit
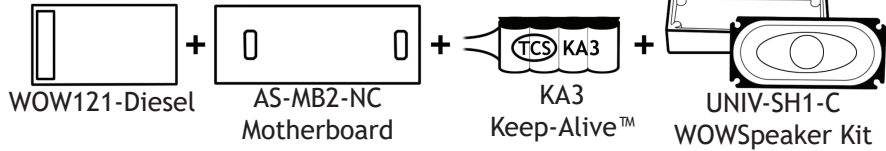
This WOWKit will fit the following Bachmann engines:

EMD SD45 Early

WOWKits provide everything needed for a complete sound installation. Each WOWKit has been **engineered** for a **perfect fit** to provide you with **Easy**, **Clean**, **Professional** results.

WOWSound is the only Load-Based Auto-Notching DCC sound decoder.

Audio Assist® (Patent Pending) **for easy configuration of your decoder.**
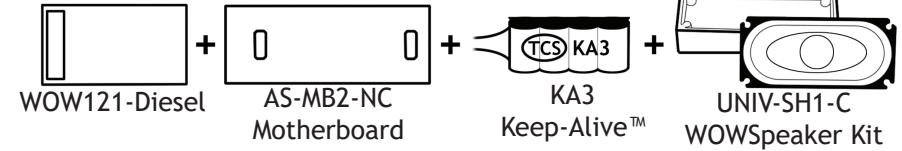
Enjoy the awesome, CD-Quality, WOWSound experience!

8 79508 00699 5

1784 WDK-BAC-3

Default Decoder Button Uses

Function Button	Feature	Function Button	Feature
1	Bell	10	Manual Notch Up
2	Horn - Long Toot	11	Manual Notch Down
3	Horn - Short Toot	12	Prime Mover On/Off
4	Horn - Quill	13	Coupling Sound
5	Dynamic Brakes	14	Uncoupling Sound
6	Brake Release	15	Mainline/Switching Momentum
7	Train Brake (20% Per Press)	16	Crew Alert On/Off
8	1x Press: Mute/Unmute 2x Presses: Toggle light & sound mode 4x Presses: Enter **Audio Assist®**	17	Windshield Wipers
9	Rotate Horn/Bell	18	Airspitter

AS-MB2-NC Motherboard Wiring Diagram
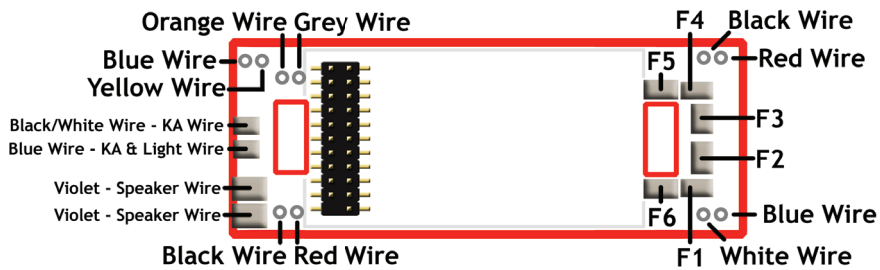
For LED's: All output functions have built-in, current limit resistors for LED's.

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.
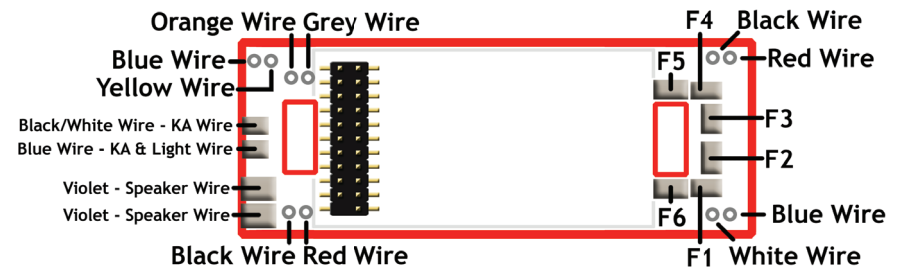
NOTE: This mother board is designed for LED use only

For complete **installation images** and **full documentation** visit our website at **www.tcsdcc.com**