TCS®

WOWKits

1755 WDK-ATH-7	Scale	Functions	Function Rating	Continuous/Peak
	HO	8	100 mA	1.3 /2.0 Amp

HO-Scale Athearn DCC Sound Conversion Kit

Included in this WOWKit:

WOW121-Diesel + RTR-MB1 Motherboard Includes Onboard Keep-Alive® + GEN-SH2 Speaker Kit
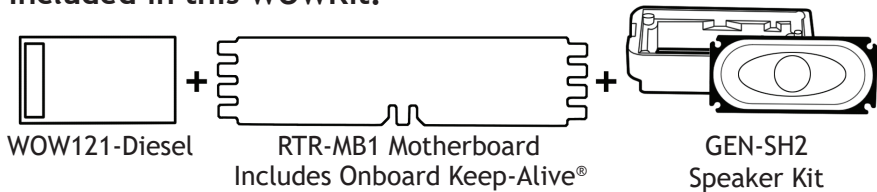
This WOWKit will fit the following Athearn engines:

RTR EMD SD40-2	RTR EMD SD40T-2

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.**

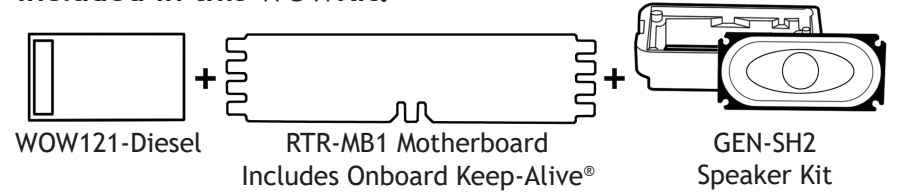**Enjoy the awesome, CD-Quality, WOWSound experience!**

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1755 WDK-ATH-7

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

RTR-MB1 Motherboard Wiring Diagram
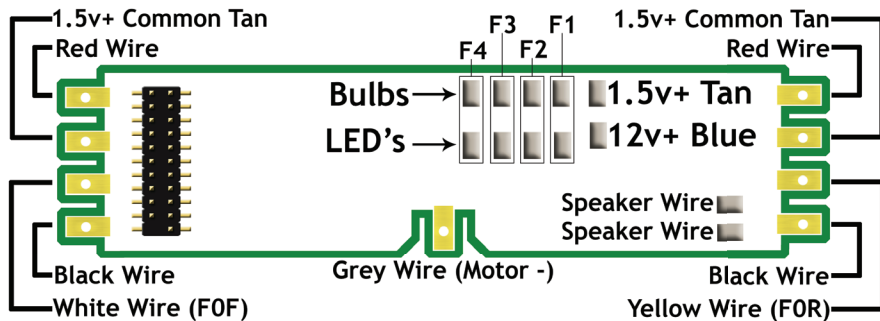
For 1.5v Bulbs: Use the F0F and F0R pads and the 1.5v+ pads.
For functions F1-F4 use the bulb pads and the 1.5v+ pad.

For LED's: Use the F0F and F0R pads, an external resistor, and the 12v+ pad.
For functions F1-F4 use the LED pads and the 12v+ pad.
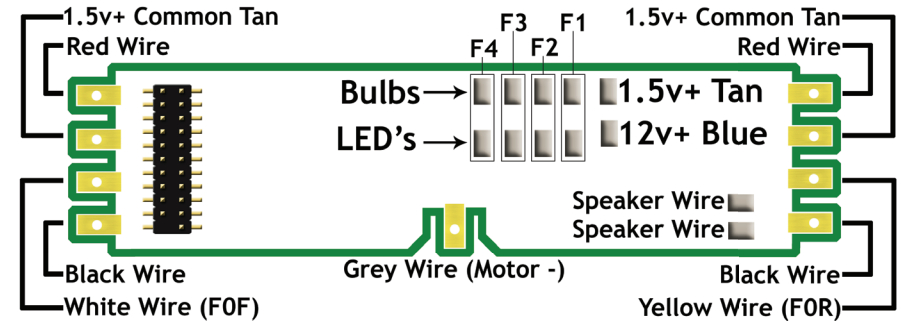Resistors are onboard for F1-F4.

Includes onboard 1.5v power supply for 1.5v bulbs and built-in resistors for LED's

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