

Technical Note #23

Upgrade from Bachmann's discontinued 21 pin drop in sound module to Tsunami2

In the past, SoundTraxx made Bachmann specific drop in sound module. Bachmann has discontinued these sound modules, but you can still upgrade your model with Tsunami2!

Bachmann Decoder	Tsunami2 TSU-1100 or TSU-2200 decoder
LR	Black wire
MT+	Orange wire
HL-	White wire with added 1k resistor for LED
HL+ or V+	Blue wire
BL+ or V+	Blue wire
BL-	Yellow wire with added 1k resistor for LED
MT-	Gray wire
RR	Red wire
SP+	Purple wire
SP-	Purple wire

Remove the decoder and sound module from model ***with the wiring attached***. Then remove one wire at a time from the Bachmann decoder and splice it to the wire on Tsunami2 Decoder harness according to table above.

Note: For information on splicing the wires refer to our [YouTube](#) channel:

[Soldering Tips from SoundTraxx](#) or [SoundTraxx Soldering Class \(webinar 8\)](#)