

● Easy: 1-2 hours

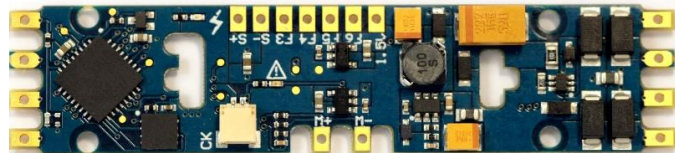
**Walthers Mainline®**  
**DL-109**

To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound DL-109 model (announced in May 2006), you'll want to install a TSU-PNP ALCO decoder.



If you have a DL-109 model without sound that you would like to upgrade, purchase SoundTraxx P.N. 885015. This board is designed to simply replace the factory PCB that supplies power to the locomotive. **You can complete the installation in one to two hours with no modification required to the model!**

**Tsunami<sup>2</sup>**  
**The Sound Upgrade**



SoundTraxx Sound Decoder  
 SoundTraxx Speakers  
 SoundTraxx Accessories

TSU-PNP, P.N. 885015 \$110.95  
 16 x 35mm Oval Speaker, P.N. 810113 \$14.95  
 30-gauge Wire, Purple, P.N. 810144 \$5.95  
 Shrink Tube Assortment, P.N. 810037 \$9.95

**Total**  
 (MSRP) **\$141.80**

**Other Tools & Supplies You Will Need**

- (1) 1k-ohm, ¼-watt Resistor
- 1.00mm Sheet Styrene
- 25-watt Soldering Iron
- Rosin Core Solder
- Wire Strippers
- Wire Cutters
- X-ACTO® Knife
- Metal Straight Edge
- Dial Calipers
- Pin Vise or Electric Drill
- #55 Miniature Drill Bit
- Miniature Screwdriver Set
- Aquarium Sealant/Silicone
- Liquid Plastic Cement (TENAX-7R™ or equivalent)
- Kapton Tape
- Small Pliers
- Miniature Saw for Plastics
- File for Plastics
- Insulative Electrical Tape
- Heat Gun/Blow Dryer

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