

● Easy: 1-2 hours

## Athearn® Ready To Roll® SD38 & SD38AC

To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound SD38 or SD38AC model (July 2005 – 2017 models), you'll want to install a TSU-PNP EMD decoder.



Since 2009, Athearn has provided the option of purchasing some of their models equipped with Tsunami sound. If you have an SD38 or SD38AC model without sound that you would like to upgrade, purchase SoundTraxx P.N. 885013. 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. 885013  
16 x 35mm Oval Speaker, P.N. 810113  
30-gauge Wire, Purple, P.N. 810144

\$110.95  
\$14.95  
\$5.95

**Total**  
(MSRP)

**\$131.85**

### Other Tools You Will Need

- 0.75mm Sheet Styrene
- 25-watt Soldering Iron
- Rosin Core Solder
- Wire Strippers
- Wire Cutters
- X-ACTO® Knife
- Metal Straight Edge
- Dial Calipers
- Miniature Screwdriver Set
- Aquarium Sealant/Silicone
- Liquid Plastic Cement (TENAX-7R™ or equivalent)
- Kapton Tape
- Small Pliers

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