



● Easy: 1-2 hours

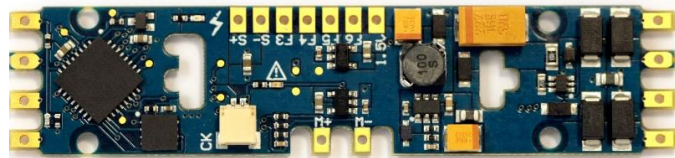
Athearn® Genesis® SD70MAC

To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound SD70MAC model (announced in October 2003), 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 SD70MAC 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!**

Tsunami² The Sound Upgrade



SoundTraxx Sound Decoder	TSU-PNP, P.N. 885013	\$109.95
SoundTraxx Speakers	16 x 35mm Oval Speaker, P.N. 810113	\$14.50
Other Parts	0.75mm Sheet Styrene, Evergreen P.N. 9030	\$4.19
	Total (MSRP)	\$128.64

Other Tools You Will Need

- 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
- Masking Tape

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