

● Easy: 1-2 hours

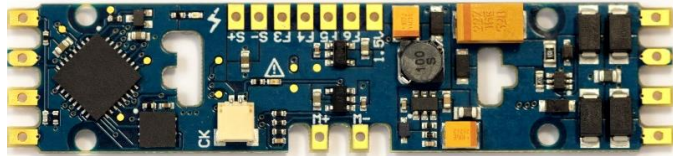
Bowser Mfg. FTA & FTB / F7A & F7B (Early Release)

To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound FTA, FTB, F7A, or F7B model, you'll want to install a TSU-PNP EMD decoder.



Since 2009, Bowser has provided the option of purchasing some of their models equipped with Tsunami sound. If you have an FTA, FTB, F7A, or F7B 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
SoundTraxx Speakers
SoundTraxx Accessories

TSU-PNP, P.N. 885013
23mm Square Speaker, P.N. 810129
30-gauge Wire, Purple, P.N. 810144

\$110.95
\$11.95
\$5.95

Total
(MSRP) **\$128.85**

Other Tools & Supplies You Will Need

- (2) 1k-ohm, ¼ Watt Resistors
- 25-watt Soldering Iron
- 1.00mm Sheet Styrene
- 1.00 x 4.80mm Strip Styrene
- Rosin Core Solder
- Wire Strippers
- Wire Cutters
- X-ACTO® Knife
- Metal Straight Edge
- Dial Calipers
- Miniature Screwdriver Set
- Aquarium Sealant/Silicone
- Kapton Tape
- Small Pliers

Notice

SoundTraxx (Throttle Up!) shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from the furnishing, performance or use of this material. This document contains information protected by copyright. No part of this document may be photocopied or reproduced in any form without the prior written consent of Throttle Up! Corp.