

Bowser Mfg.
DRS 4-4-1000/ RS-12 (Early
Release 2014 & Older)



To add a SoundTraxx Tsunami2 Digital Sound Decoder to your non-sound DRS 4-4-1000 model (announced in August 2006), you'll want to install a TSU-PNP Baldwin & Others decoder.

Since 2009, Bowser has provided the option of purchasing some of their models equipped with Tsunami sound. If you have a DRS 4-4-1000 model without sound that you would like to upgrade, purchase SoundTraxx P.N. 885016. **This installation may take upward of three hours with multiple modifications required to the model.**

Tsunami²
The Sound Upgrade



SoundTraxx Sound Decoder
 SoundTraxx Speakers
 SoundTraxx Accessories

TSU-PNP, P.N. 885016 \$110.95
 16 x 35mm Oval Speaker, P.N. 810113 \$14.95
 Shrink Tube Assortment, P.N. 810037 \$9.95
 30-Gauge Wire, Purple, P.N. 810144 \$5.95

Total
 (MSRP) **\$141.80**

Other Tools & Supplies You Will Need

- (2) 1k-ohm Resistors
- 1.00mm Sheet Styrene
- 25-watt Soldering Iron
- Rosin Core Solder
- Wire Strippers
- Wire Cutters
- X-ACTO® Knife
- Dial Calipers
- Pin Vise or Electric Drill
- #60 Miniature Drill Bit
- Miniature Screwdriver Set
- Super Glue
- Aquarium Sealant/Silicone
- Liquid Plastic Cement (TENAX-7R™ or equivalent)
- Kapton Tape
- Small Pliers
- Miniature Saw for Plastics
- File for Plastics
- Heat Gun/Blow Dryer
- Milling Machine/Drill Press & Metal Hack Saw
- Miniature Vise

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