

# TUNN

By *interfire*

Santa Fe Springs, California

WWW.EZTUNN.COM

## HIGH PERFORMANCE SUBWOOFERS

### Common Features

Butyl Rubber Surround  
4 Layer / 2" AOSV singlevoice coil  
Heavy duty Lead wires

Large Barium Ferrite magnet  
Extended & vented pole piece  
Nickel plated push terminals

### Mechanical Specifications

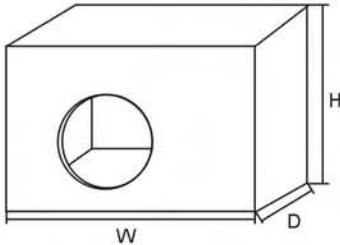
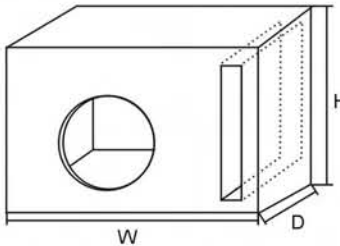
Model	TW-104	TW-124
Diameter size (inches)	10-1/4"	12-1/5"
Magnet Weight (oz)	50	50
Power Handling RMS / Max (Watts)	250/500	350/700
Mounting Depth (inches)	5-1/8"	5-1/2"
Mounting template diameter (inches)	9-2/3"	11-3/5"

### Technical Parameters

Model	TW-104	TW-124
Nominal Impedance (Ohms)	4 ohm single	4 ohm single
FS (Hz)	35.49	27.95
Qms	2.62	2.63
Qes	0.52	0.68
Qts	0.43	0.54
Vas (liters)	30.36	70.80
Cms (micro Newtons)	162.15	194.51
Xmax (mm)	12.0	12.0
Sensitivity (dB)	86	85
Mms (grams)	123.97	166.63
Voice Coil Diameter	2"	2"
Voice Coil Length	2-1/5"	2-1/2"
Voice Coil Layers	4	4

### Recommended Enclosures (includes speaker and port displacement)

Model	TW-104	TW-124
Sealed Enclosure-SPL (cu.ft.)	0.31	0.73
Sealed Enclosure-Nominal (cu.ft.)	0.54	1.27
Sealed Enclosure-SQ (cu.ft.)	1.26	2.99
Ported Enclosure (cu.ft.)	1.5	2.0
Port size	2"W X 10"H X 12"D	2"W X 12"H X 14"D
Port Tuned@	30	32

SEALED ENCLOSURE	PORTED ENCLOSURE
 <p><b>Sealed Enclosure Notes:</b> 1. Allow a 1-2 week break in period on all TW series subwoofers. After 1-2 weeks, the TW series subwoofers will reach their best performance characteristics. 2. All sealed enclosures should be 40-50% filled with loose polyfill.</p>	 <p><b>Ported Enclosure Notes:</b> 1. When building a slotted port, be sure to shave, smooth or bevel the inner edges to eliminate port noise.</p>

**General Notes:** Always use MDF (Medium Density Fiber) wood no thinner than 3/4" thick. Always install multiple subwoofers in a "Common-Chamber" enclosure, rather than separate chambers.

## WARRANTY LIMITATIONS

The following is **NOT** covered under Interfire Audio's warranty program:

1. Product owned by anyone other than the original purchaser from an authorized Interfire Audio dealer. (The warranty is **NOT** transferable and will not apply to products purchased from unauthorized dealers.)
2. Speaker products that have been over-powered, causing thermal (burnt voice coil) and/or mechanical failure (ripped surrounds or spiders).
3. Product that has NOT been installed according to the instructions in the owner's manual.
4. Product in which repair and/or modification has been attempted by unauthorized parties.
5. Product damaged in an accident, due to criminal activity (attempted theft, gunshot damage etc.) or by "acts of God" (flooding, lightning, etc.)
6. Product that has been physically damaged abused and/or altered. Including bent frames or missing magnets.
7. Custom finishes or other cosmetic treatments applied to products. (Interfire Audio will not be responsible for restoring or maintaining any custom finishes)
8. Product with defaced, altered or removed serial numbers (no valid, legible serial number = no warranty).
9. Product damaged cosmetically due to improper handling or normal wear and tear Including Freight damage. Be sure to package all returns in its packing material and box.
10. Installation and shipping costs associated with removing, re-installing or shipping the product to Interfire Audio for warranty service

## WARRANTY TERMS

**These terms supersede all prior published warranty terms**

Interfire Audio products are warranted against defects in materials and workmanship for a period of One (1) Year from the original date of purchase.

Products found to be defective during the warranty period will be repaired or replaced (with a product deemed to be equivalent) at Interfire's discretion.

**Note:** Products purchased from unauthorized dealers are not covered under warranty. Ask your dealer for detail on warranty limitations.

### **INTERNATIONAL WARRANTIES:**

Products purchased outside the United States of America are covered only by that country's distributor and not by Interfire Audio, Inc.

### **IF YOU NEED SERVICE ON YOUR INTERFIRE AUDIO PRODUCT:**

Please call Interfire Customer Service at 1-877-90-to obtain an RA# (Return Authorization number). All warranty returns should be sent to INTERFIRE AUDIO freight prepaid through an authorized INTERFIRE AUDIO dealer and must be accompanied by proof of purchase (a copy of the original sales receipt.) Direct returns from consumers or non-authorized dealers will be refused unless specifically authorized by INTERFIRE AUDIO with a valid return authorization number. Warranty expiration on products returned without proof of purchase will be determined from the manufacturing date code. Coverage may be invalidated as this date is previous to purchase date. Return only defective components. Non-defective items received will be returned freight-collect. Customer is responsible for shipping charges and insurance in sending the product to INTERFIRE AUDIO. Freight damage on returns is not covered under warranty. Always include proof of purchase (sales receipt).

**NOTICE:** Products shipped without a valid RA# will be refused and shipped back.