

# 3-Way Speaker Crossover Network 500W

Professional 3-way speaker crossover network designed for high-performance audio systems. The frequency divider supports a maximum power of 500W and is suitable for 3-way speaker configurations.



## Overview

### High-Performance 3-Way Crossover

This professional 3-way speaker crossover network is engineered for superior audio frequency distribution. Designed for high-performance systems, it supports up to 500W of power and ensures clear, precise sound separation between tweeters, midrange drivers, and woofers. With advanced features like tweeter light bulb protection and high-speed metal-film capacitors, it offers both reliability and high-fidelity audio performance.

## Performance Metrics

### Maximum Power

**500 W**

Max Power

### Filter Characteristics

Driver Type	Slope
Bass (Woofers)	12db/octave
Treble (Tweeter)	18db/octave

## Technical Specifications

### Key Components

- MKP Capacitors (2.2 $\mu$ F, 4.7 $\mu$ F, 1.0 $\mu$ F, 10 $\mu$ F @ 250V DC  $\pm$ 5%)
- Electrolytic Capacitor (22 $\mu$ F 160V)
- Resistors (30W 20 $\Omega$  and 30W 14 $\Omega$ )
- Tweeter light bulb protection circuit

### System Configuration

3-Way, High-Speed Metal-Film, Frequency Divider