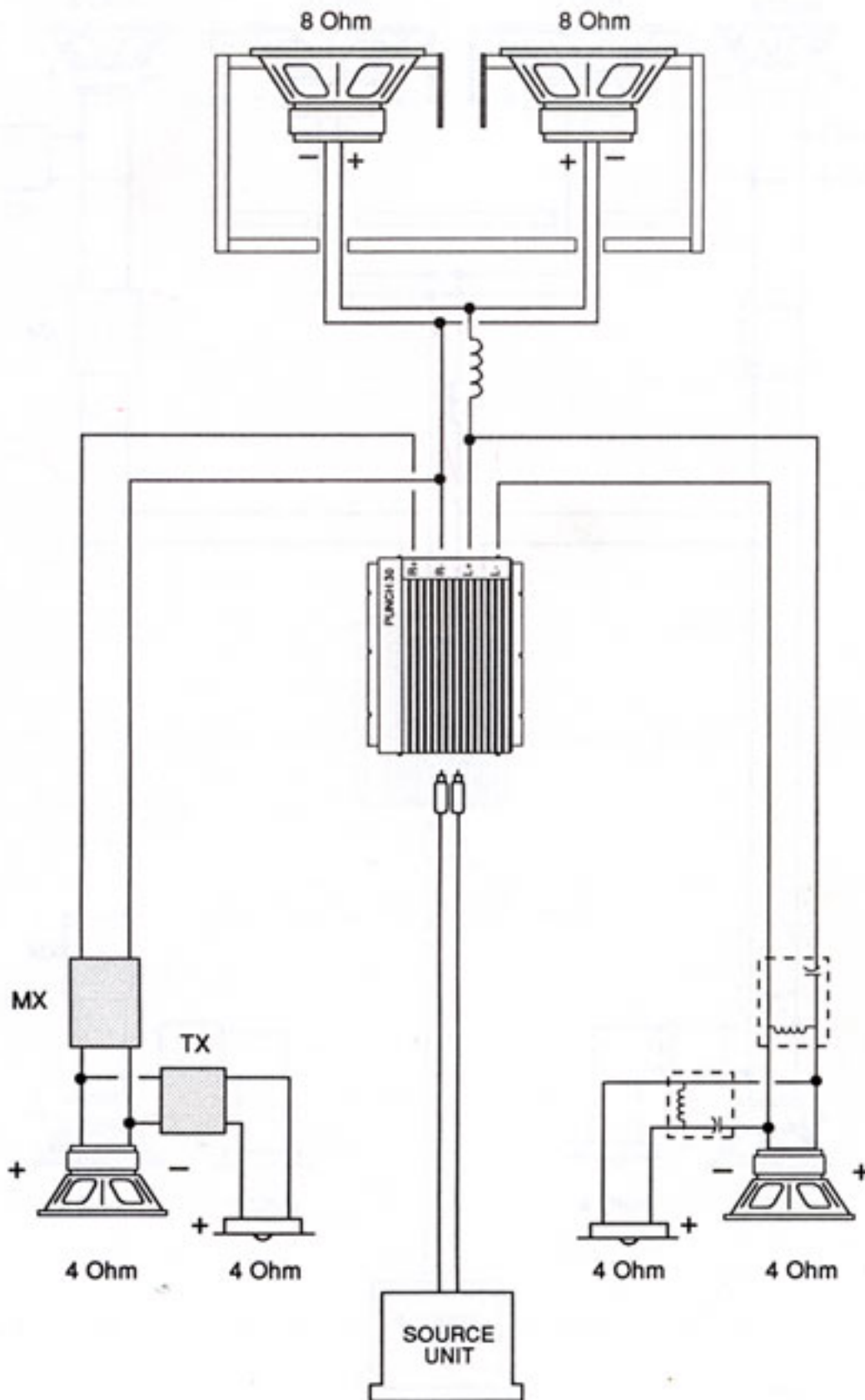


System Design The Rockford Way

3-Way System Front Stage Rear Fill

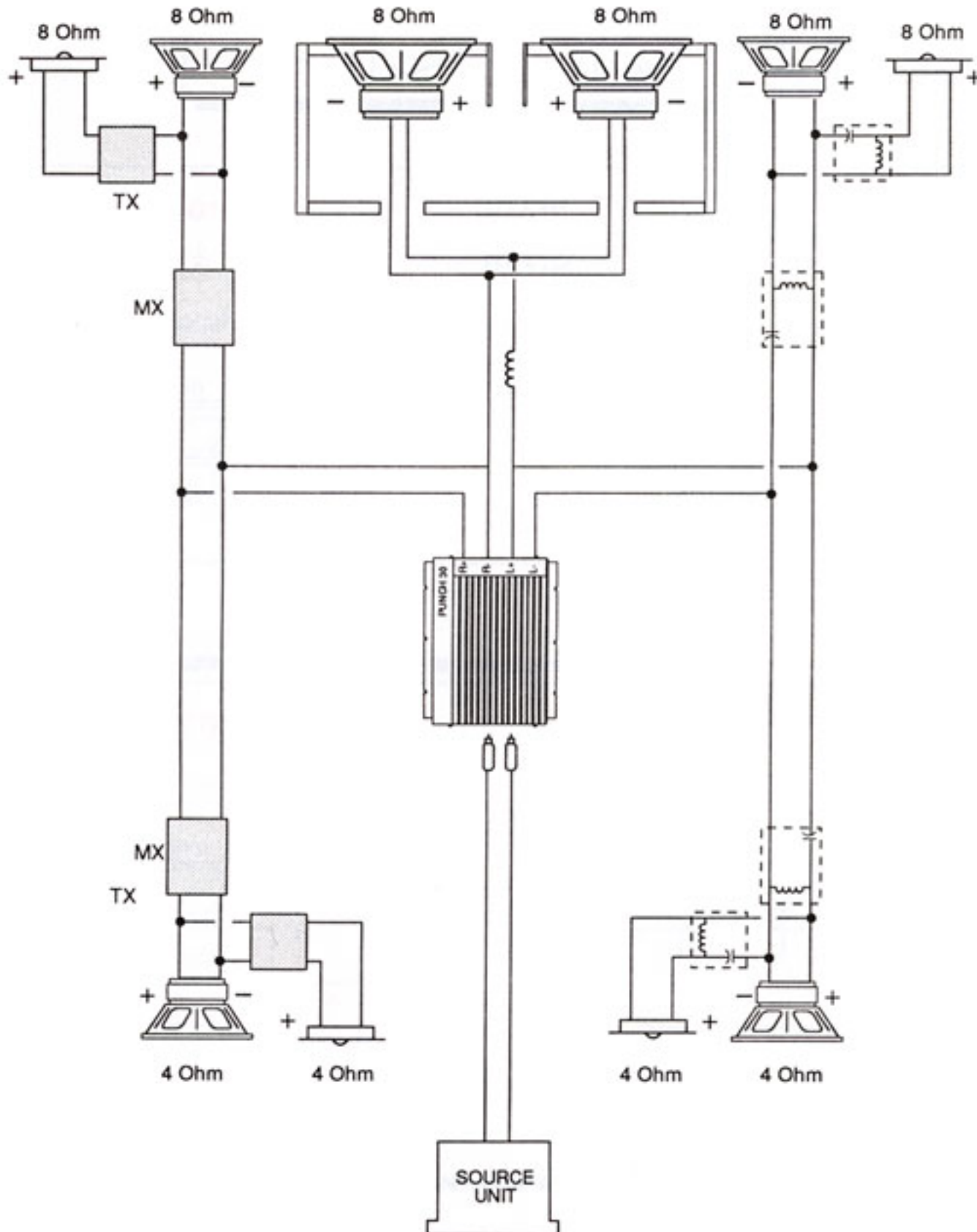
The introduction to *Rockford's System Design* consists of one pair of midrange/tweeter and one pair of woofers. The midrange and tweeters are mounted close together, up high and as far forward as possible. This develops our primary front stage. The woofers are always wired in mono to achieve maximum output from the amp. All speakers are wired in parallel.



System Design The Rockford Way

4-Way System Front Stage Rear Fill

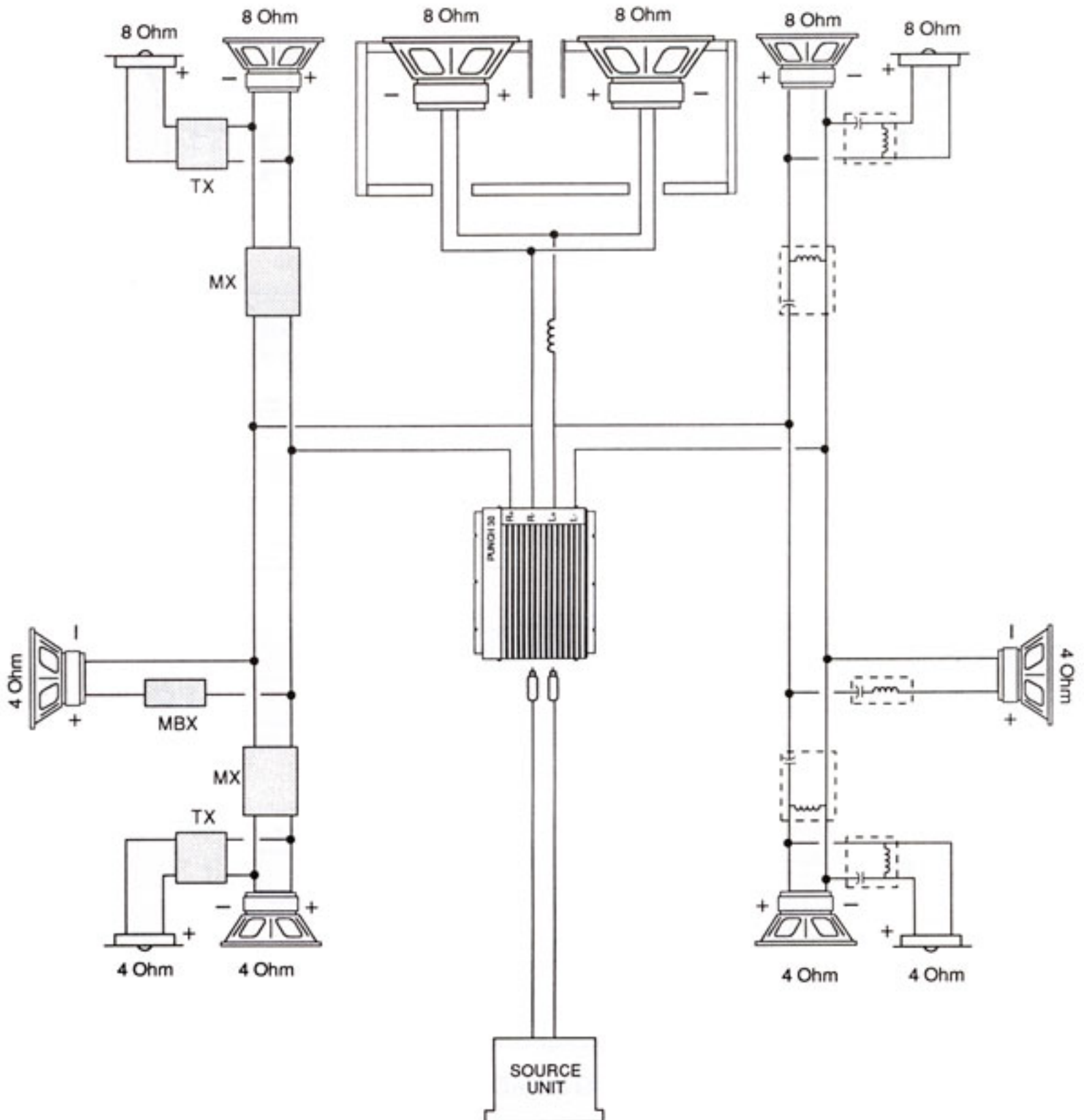
Rockford's four way system consists of 8 Ohm speakers mounted in the rear of the vehicle. 8 Ohm speakers will play 3db quieter than 4 Ohm and will simulate rear ambiance. All speakers are wired in parallel, lowering the overall impedance.



System Design The Rockford Way

4-Way System Front Stage Rear Fill

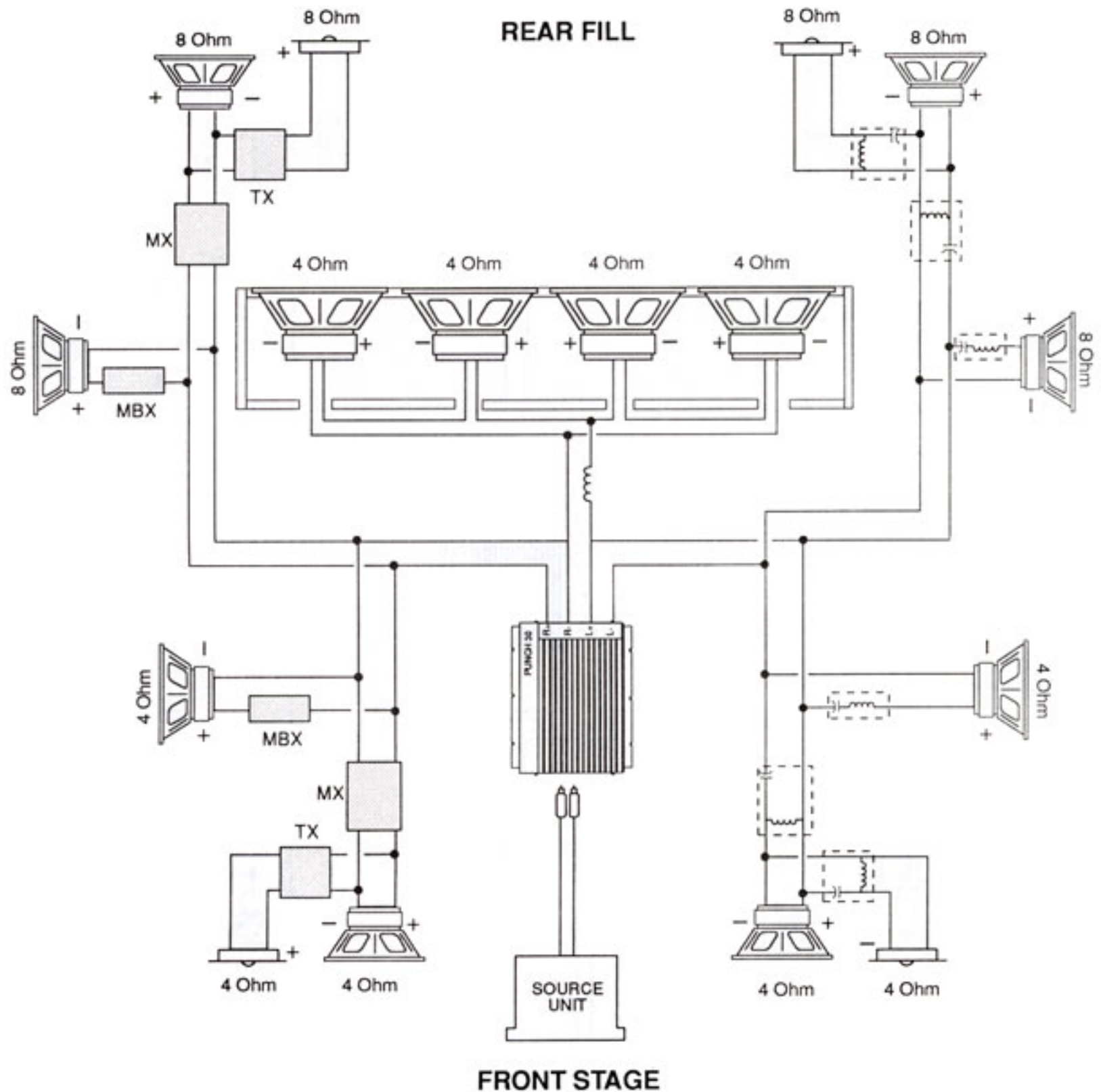
To reinforce a stronger front stage a midbass driver will be required. The mounting location must be in front of the car and requires a band pass crossover. In this four way system the listener will perceive that bass is coming from in front of the car. All speakers are wired in parallel.



System Design The Rockford Way

Ultimate 4-Way System

This ultimate Rockford system makes an impressive demonstration vehicle to show customers the flexibility of Rockford Fosgate amplifiers. The design consists of 16 speakers running off of one single amplifier. The woofers are wired in series/parallel and each woofer is 4 Ohm. Also added to this system is a pair of 8 Ohm midbass for rear fill.



System Design The Rockford Way

Bi-Amplified 4-Way System With Equalization

Rockford's bi-amplified system with equalization is the last step in basic system design. This system requires (2) amplifiers, (1) AF/2HD, (1) OEQ-1, and (1) PA-1. The OEQ-1 will correct for response problems in the car's environment, while the PA-1 gives adjustable equalization with three rotary knobs.

