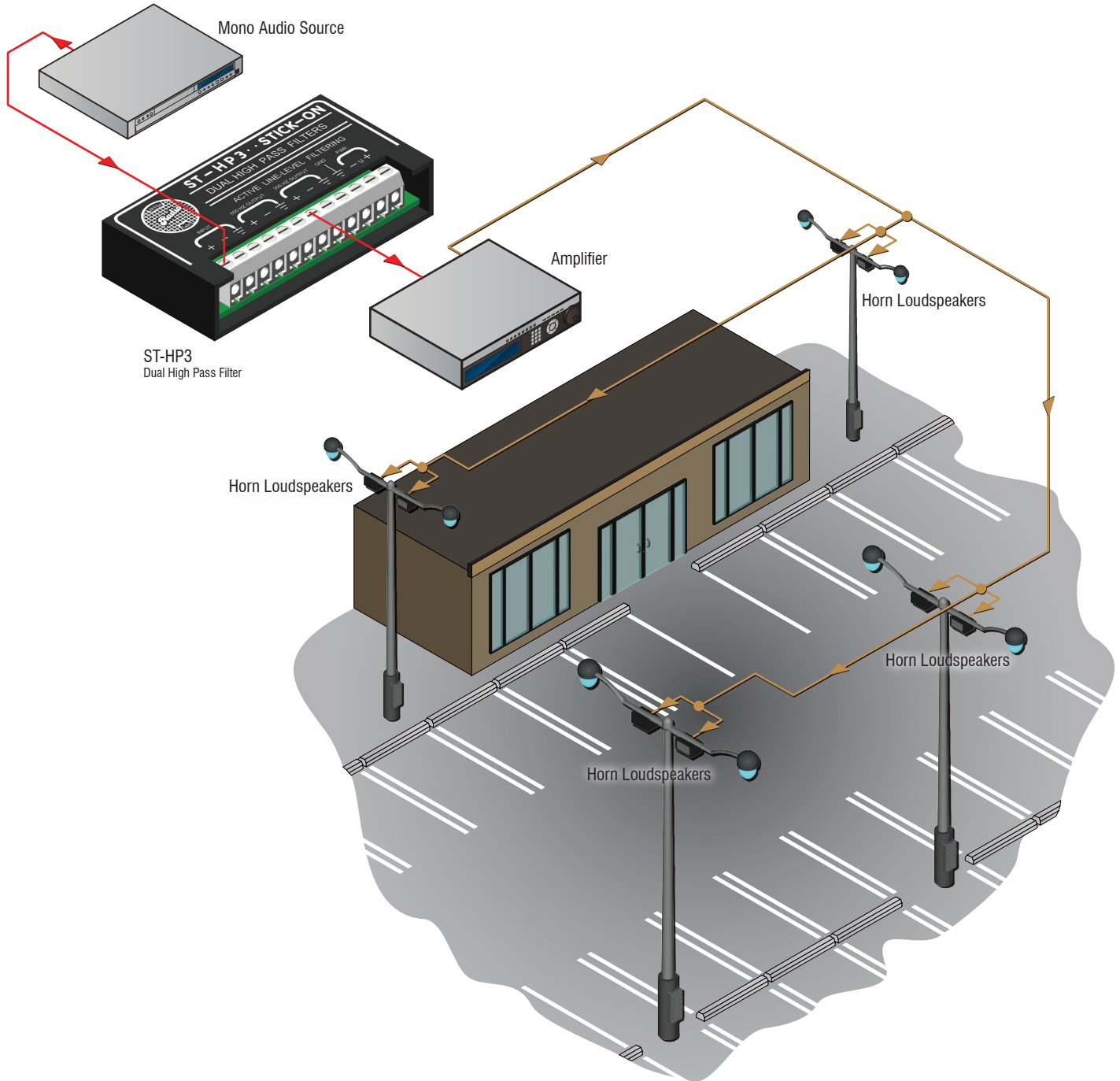


PROTECTING VOICE COILS IN COMPRESSION DRIVERS

High Pass Filter Rolls Off Damaging Low Frequencies



Description:

Voice coils in paging horn compression drivers are easily destroyed by excessive low frequencies. The ST-HP3, installed prior to the input of the power amplifier, protects the voice coil by attenuating low frequencies. The installer can choose from two separate outputs, 300 Hz or 500 Hz, depending on the frequency response of the installed horns. Low frequencies are attenuated by 18 dB per octave below the selected cutoff frequency.

Use of the ST-HP3 eliminates the need for calculating and installing a capacitor on each driver, and provides a steeper attenuation slope for better protection and intelligibility.

Parts List	
Product	QTY
ST-HP3	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key	
Red	Line Level Audio Signal
Orange	Loudspeaker Level
Purple	Control Signal
Yellow	Video
Blue	Mic Level Audio Signal
Green	Ground
Brown	Power
Black	Miscellaneous