

INTRODUCTION

Thank you for your purchase of the SX21 Tiny Two-Way Crossover. Please review this manual to get the best performance from this unit.

DESCRIPTION FRONT PANEL



INPUT: Adjusts the input level to the SX21.
FREQUENCY: Selects the crossover frequency from 50Hz to 2.5kHz.
LOW LEVEL: Adjusts the amount

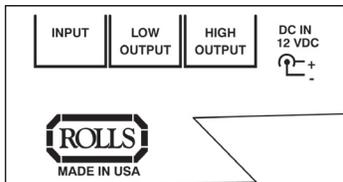
of output signal from the LOW OUT jack.

HIGH LEVEL: Adjusts the amount of output signal from the HIGH OUT jack.

CLIP LED: Indicates overload in the SX21. This LED lights 3 dB before actual circuit clipping occurs.

PWR LED: Indicates the SX21 power supply is connected to the unit and an AC outlet.

REAR PANEL



(Note: The rear panel jacks are labeled on the top of the unit.)
INPUT: 1/4" TS unbalanced jack for connecting to the output of a mixer or other device containing the signal to be divided.
LOW OUT: 1/4" TS unbalanced

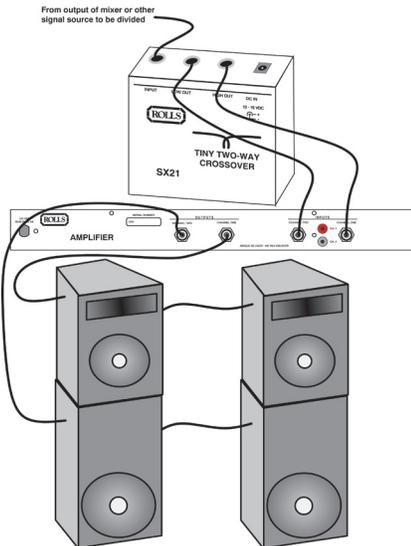
jack containing the signal of frequencies *below* the crossover frequency.

HIGH OUT: 1/4" TS unbalanced jack containing the signal of frequencies *above* the crossover frequency.

DC IN: For connection to an external power supply, 12-16 volts DC, 150 mA; Rolls model PS27.

OPERATION

Connect the Input of the SX21 to the output of a mixer or other device that has the signal to be divided. The High and Low Outputs of the SX21 should be connected to the proper amplifier and speaker combination. Check speaker specifications to ensure that the speakers are receiving the proper frequencies. Shown here is an example for connecting the SX21.



WARRANTY

For information on the Rolls One Year Limited Warranty, and to register this product, visit our website at www.rolls.com

... anywhere you need compact, accurate frequency separation.

ROLLS

- Studio
- Live
- Install

SX21 Tiny Two-Way Crossover

SX21 Crossover

ROLLS

SX21

Tiny Two-Way Crossover

The SX21 is a unique frequency dividing device for small sound reinforcement applications. The unit features a 24 dB/Octave rolloff rate, a frequency dividing range of 50Hz to 2.5kHz, and an external power supply for noise reduction. All this in a compact package with a compact price.

- 24 dB/Octave rolloff
- 1/4" unbal. Input and Outputs
- 50Hz to 2.5 kHz crossover range
- External power supply for low noise operation

SPECIFICATIONS

Input Impedance:	10K Ohm
Output Impedance:	1K Ohm
Headroom:	+10 dBV
Power Requirements:	12 - 16 VDC, 150 mA; Rolls part number PS27
Size:	4.25" x 3.625" x 1.5"
Weight:	1 lb.

ROLLS

Rolls Corporation
Salt Lake City, UT
5/10



SX21 Crossover

