



# SC702 Stereo A/V Direct Box

## Audio Specifications

# Switchcraft®

Parameter	SC702CT	SC702	Conditions
Frequency Response	20Hz - 20kHz	10Hz - 40kHz	+/-0.3dB, ref 1kHz
Total Harmonic Distortion + Noise	< 0.007% < 0.4%	< 0.002% <0.06%	at 1kHz, +4dBu Input, 22kHz Bandwidth at 20Hz, +4dBu Input, 22kHz Bandwidth
Maximum Input Level	+18dBu	+20dBu	at 20Hz with 1% THD+Noise
Input Impedance	> 120k $\Omega$	> 140k $\Omega$	at 1kHz
Output Impedance	< 50 $\Omega$	< 150 $\Omega$	at 1kHz
Common Mode Rejection Ratio (CMRR)	> 105dB	>95dB	at 60Hz
Deviation from Linear Phase	< 6° < 1° < 11°	< 3° < 1° < 17°	at 20Hz at 1kHz at 20kHz
Voltage Gain	-23dB -43dB	-23dB -43dB	+/-1dB +/-1dB with 20dB pad engaged
Pad Attenuation	20dB	20dB	+/-1dB

Notes: All measurements were taken with a 25 $\Omega$  unbalanced source and measured from the XLR with a 1k $\Omega$  balanced load.  
Specifications subject to change without notice.

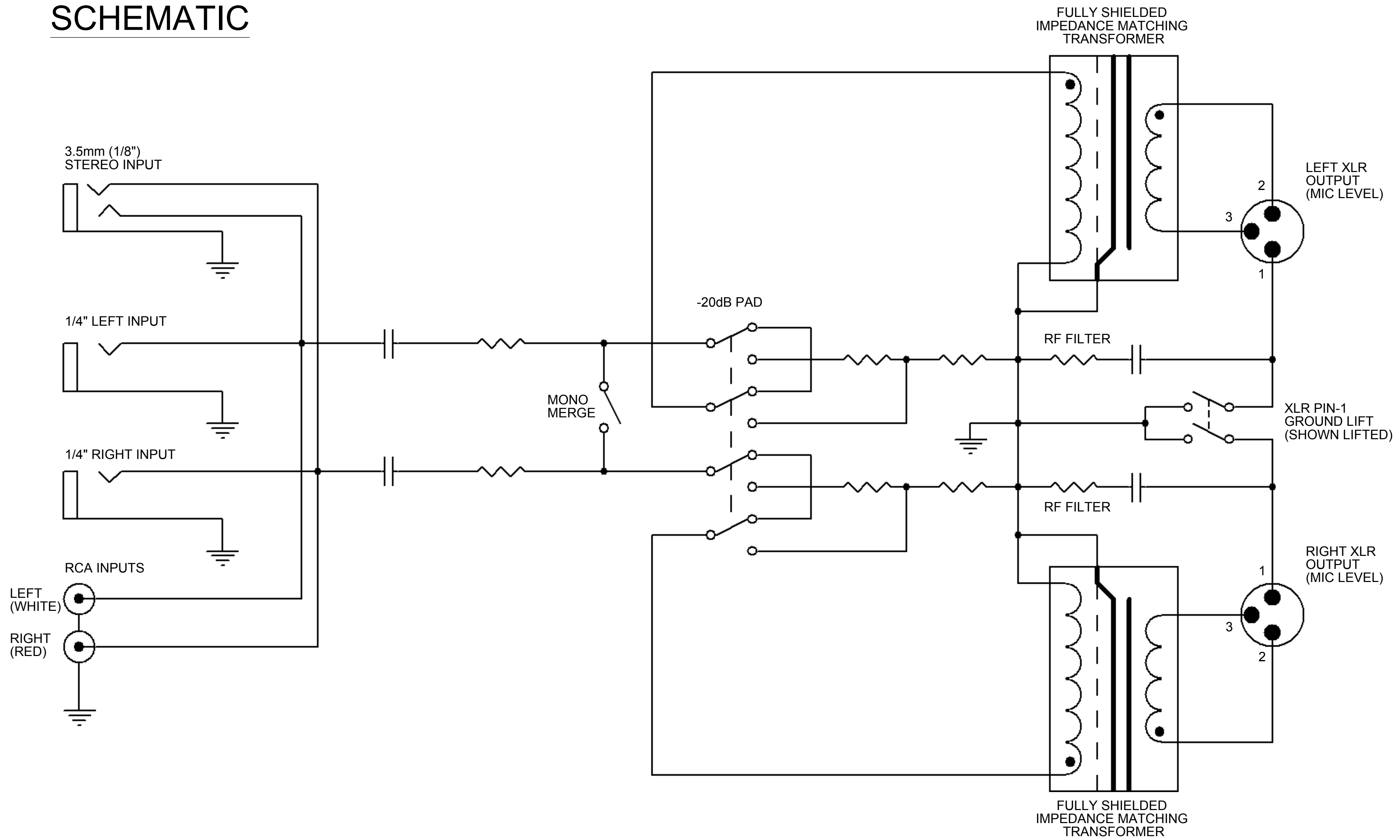
PRELIMINARY

CUSTOMER DRAWING

SCALE 1:1	Switchcraft®		
DATE DRAWN 11-15-11			
DRAWN BY BHM	PART No. SC702 Series	SHEET 2 OF 3	REV 01

SolidWorks CAD File

# SCHEMATIC



PRELIMINARY

CUSTOMER DRAWING

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