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CONTROLS:

INPUTS (1/4", RCA, 3.5mm):

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Accepts unbalanced stereo signals from headphone outputs and line sources such as laptops and MP3/CD players. Each left and right input is wired in parallel, enabling an unused input to act as a thruput.

OUTPUTS (Male XLR):

Providès separaté transformer isolated, balanced mic level outputs for left and right signals.

-20dB PAD (Pushbutton Switch):

Reduces output by 20dB for use with hot input signals.

MONO MERGE (Pushbutton Switch)

Combines the left and right stereo input signal into a mono signal that is output to both XLRs.

LIFT/GND (Toggle Switch):

Ground lift switch. Disconnects ground (pin-1) connection between input and isolated output XLRs. Use to break ground loops to further reduce hum & buzz.

XLR OUTPUTS LEFT & RIGHT (F) CUTPUT RIGHT CPOUTPUT (X) (F3)

NOTES:

- 1. All XLR connectors are wired pin-1 ground, pin-2 hot, and pin-3 cold.
- 2. Materials:

Housing and end panels -Black anodized aluminum

Recessed component panels -Red anodized aluminum

3. This product is RoHS compliant.

PART NUMBER	TRANSFORMER
SC702CT	CUSTOM
SC702	JENSEN

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					THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.										
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SC702 Stereo A/V Direct Box Audio Specifications

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Parameter	SC702CT	SC702
Frequency Response	20Hz - 20kHz	10Hz - 40
Total Harmonic Distortion + Noise	< 0.007% < 0.4%	< 0.002% <0.06%
Maximum Input Le∨el	+18dBu	+20dBu
Input Impedance	> 120kΩ	> 140kΩ
Output Impedance	< 50Ω	< 150Ω
Common Mode Rejection Ratio (CMRR)	> 105dB	>95dB
Deviation from Linear Phase	< 6° < 1° < 11°	< 3° < 1° < 17°
Voltage Gain	-23dB -43dB	-23dB -43dB
Pad Attenuation	20dB	20dB

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

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PRELIMINARY

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Switcheraft®					
	Conditions				
40kHz	+/-0.3dB, ref 1kHz				
2% %	at 1kHz, +4dBu Input, 22kHz Bandwidth at 20Hz, +4dBu Input, 22kHz Bandwidth				
u	at 20Hz with 1% THD+Noise				
Ω	at 1kHz				
2	at 1kHz				
	at 60Hz				
	at 20Hz at 1kHz at 20kHz				
	+/-1dB +/-1dB with 20dB pad engaged				
	+/-1dB				

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