Switchcraft® ProAudio

Switchcraft®
ACTIVE INSTRUMENT DIRECT BOX

INPUT

PAD
-20dB

OFF

THRU

MIC OUTPUT

1 2
3

LIFT
PIN1

GND

48V
Phantom Pow

Made in Chicago, USA

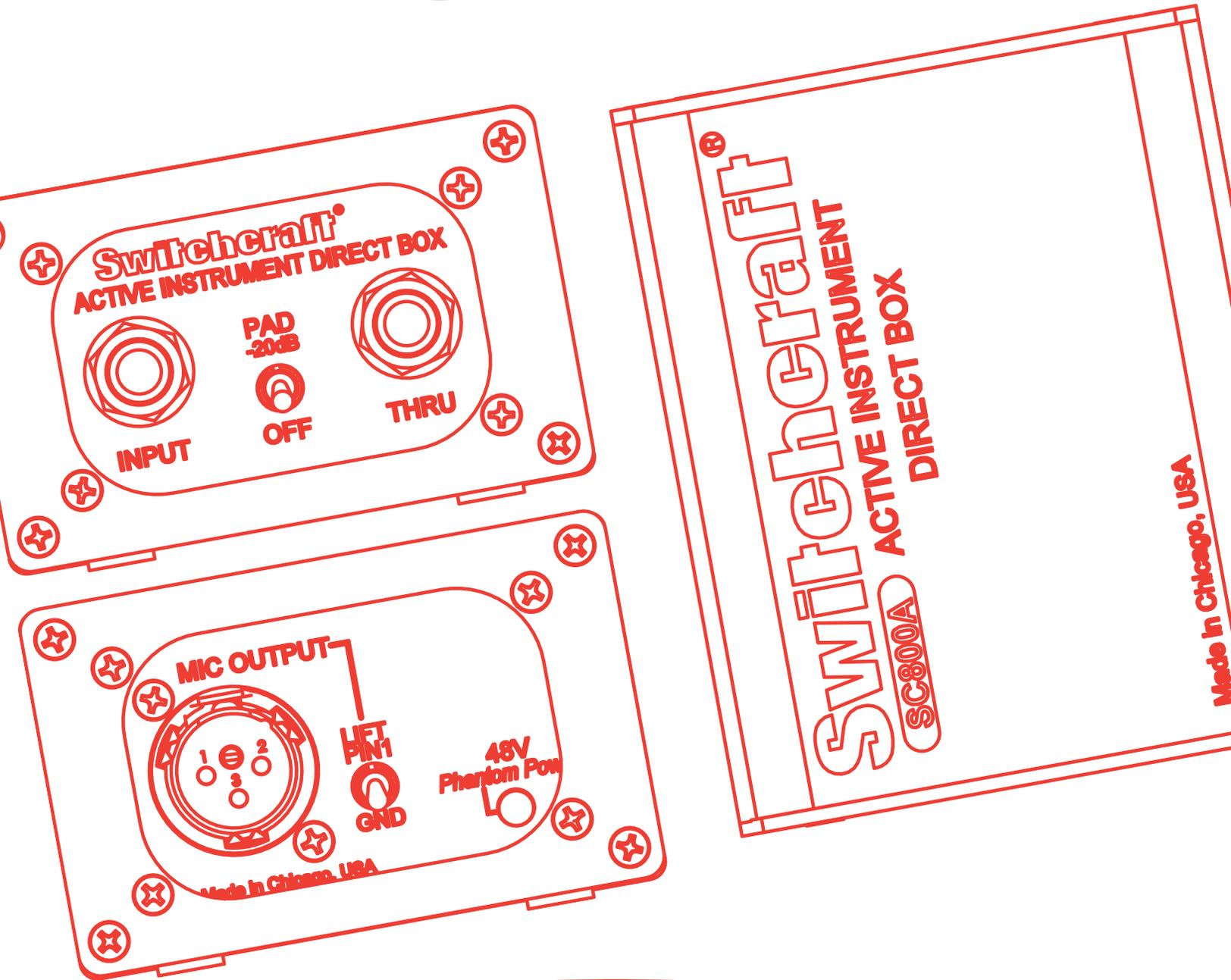Switchcraft®
ACTIVE INSTRUMENT
DIRECT BOX

SC800A

Made in Chicago, USA

SC800A ACTIVE INSTRUMENT DIRECT BOX

NPB | 609

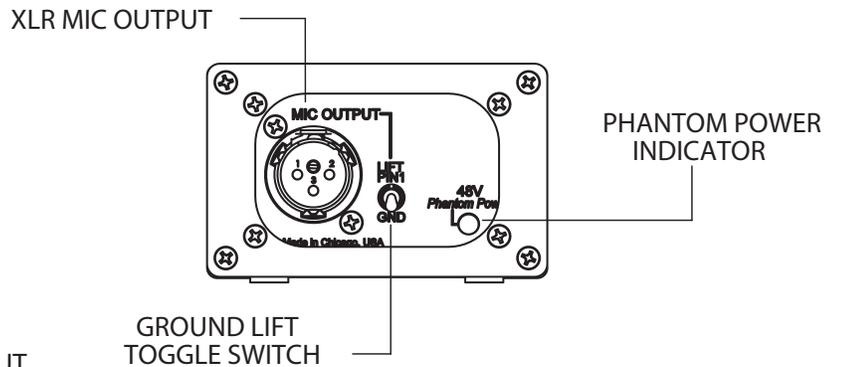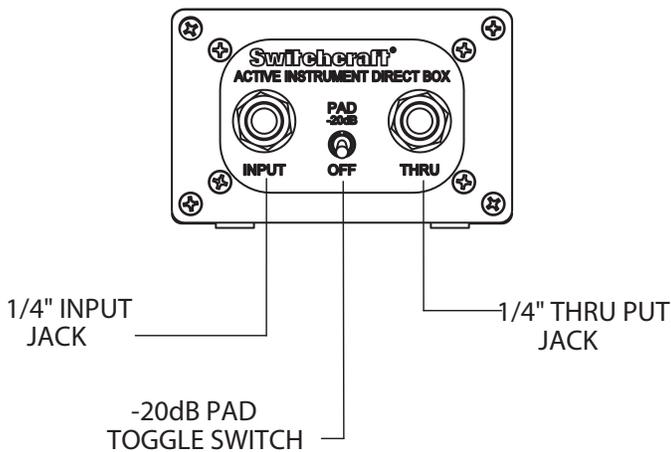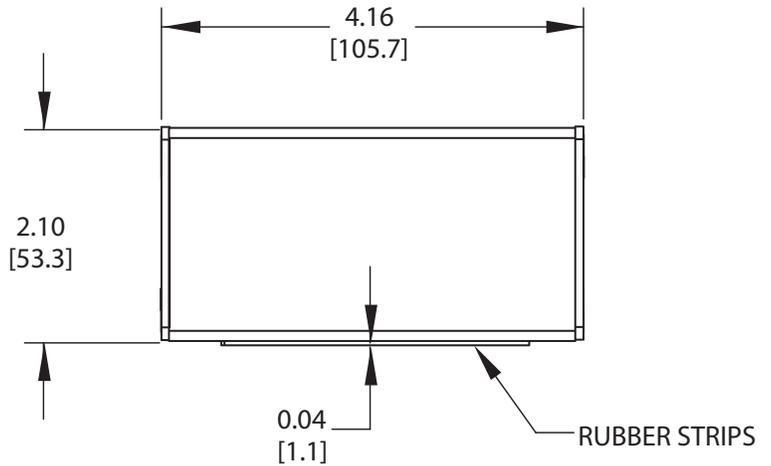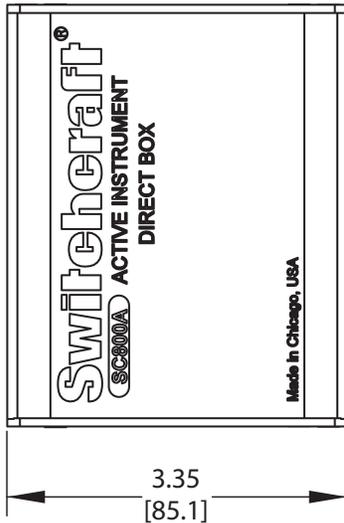# SC800A ACTIVE INSTRUMENT DIRECT BOX

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A 48V phantom powered instrument direct box designed to quietly preserve the tone of the world's finest musical instruments. The SC800A is ideal for converting the unbalanced outputs of passive musical instruments such as acoustic guitar and bass to balanced, mic level signals that can be connected to audio consoles and mic preamps. Precision engineered active circuitry provides extended reach and superior audio fidelity for professional audio engineers and musicians

SC800A   Active Instrument Direct Box

RUBBER STRIPS

4.16 [105.7]

2.10 [53.3]

0.04 [1.1]

3.35 [85.1]

XLR MIC OUTPUT

PHANTOM POWER INDICATOR

GROUND LIFT TOGGLE SWITCH

1/4" INPUT JACK

1/4" THRU PUT JACK

-20dB PAD TOGGLE SWITCH

CONTROLS:
INPUT: 1/4" Mono (TS)
THRUPUT: 1/4" Mono (TS)
OUTPUT: 3- Pin XLR
PAD: 20dB Input Pad
GRND LIFT: XLR Pin 1 Lift

NOTES:
1.   THE XLR CONNECTOR IS WIRED
      PIN-1 GRND, PIN-2 HOT AND PIN-3 COLD
2.   MATERIALS:
      HOUSING AND END PANELS:
      BLACK ANODIZED ALUMINUM
      RECESSED COMPONENT PANELS:
      SATIN BLUE PEWTER ANODIZED
3.   LASER ETCHED ARTWORK WITH WHITE TEXT
4.   THIS PRODUCT IS RoHS COMPLIANT.

SC800A ACTIVE INSTRUMENT DIRECT BOX

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AUDIO SPECIFICATIONS

PARAMETER	PERFORMANCE	CONDITIONS
Frequency Response	30Hz-30kHz	+/-0.3dB, ref 1kHz
Total Harmonic Distortion + Noise	<0.008% <0.04%	at 1kHz, +4dBu Input, 22kHz Bandwidth at 20Hz, +4dBu Input, 22kHz Bandwidth
Maximum Input Level	+12dBu +32dBu	at 20Hz with 1% THD+Noise with 20dB Pad engaged
Input Impedance	> 1MΩ	at 1kHz
Output Impedance	<600Ω	at 1kHz
Common Mode Rejection Ratio (CMRR)	>86dB >65dB	at 60Hz, Input at 60Hz, Output
Deviation from Linear Phase	<16° <1° <-12°	at 20Hz at 1Khz at 20kHz
Voltage Gain	+3dB -17dB	+/-1dB +/-1dB with 20dB pad engaged
Pad Attenuation	20dB	+/-1dB

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