

Richmond Sound Design Ltd. - Theatre Sound Design & Show Control

Excess/Surplus inventory list

These and many other parts are for sale

If you are interested in purchasing any of these parts, please email [charlie.rsd@gmail.com](mailto:charlie.rsd@gmail.com)

P/N Qty Description

R-60420080 14 Quad Joystick Pan Pot Alps JX21R10KMNX4

R-PGF3020 19 Conductive Plastic Fader Penny & Giles D25084 5k Log

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T-3683 46 Microphone Input Transformer Sowter 3683

Specifications - from Sowter's data sheet:

SOWTER TRANSFORMER 3683

DATA & TYPICAL PERFORMANCE

PRIMARY 1.1k ohms [designed for 150-250 ohm microphones]

SECONDARY 10k ohms [designed for a total load of 10k ohms]

FREQUENCY RESPONSE +/- 1/2dB 20Hz to 20kHz

MAX LEVEL (WAVEFORM BREAKDOWN) at 30Hz = 3 RMS Volts on Secondary

DISTORTION very small indeed at 30Hz with 15mV on Primary - not measureable

ELECTROSTATIC SCREENS BETWEEN WINDINGS (a) YES

MAGNETIC SCREEN MUMETAL BOX - DIMENSIONS 22mm DIAM. x 20mm HIGH

FINISH (a) NATURAL COLOUR

METHOD OF FIXING (b) BASE SCREWS 2x6BA DIAM. FIXING CENTRES 15mm

[we have mounting screws]

LEADS COLOUR CODED - EMERGING FROM (b) HOLE IN SIDE OF CAN

Our original DESIGN DATA provided to Sowter:

Turns ratio. 1:3

Whether windings are to be balanced. Yes

Is electrostatic screening desired? Yes

Is electromagnetic screening desired? Yes - 60dB

Any other information? Electrostatic and electromagnetic screening very important.

COLOUR CODE for Transformer 3683:

Primary positive polarity: White

Primary centre tap: Grey

Primary negative polarity: Blue

Electrostatic screen: Black

Secondary positive polarity: Orange

Secondary negative polarity: Yellow

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W-03 2km 22AWG 2 conductor foil shield equal to Belden 8451

CF-20 10 3U modular card frames, steel, black powder coated,  
with front panels

Assorted unassembled through hole style PC boards including 22 pin & 56 pin card edge designs

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Complete and tested discontinued RSD modules:

ADA-6 13 Six channel audio distribution amplifier cards  
CF-20 10 20 slot card frames with punch block connector cutouts  
CF-20W 10 20 slot card frames with XLR punchouts  
LA-4 12 Four channel balanced line amplifier cards  
LA-8 10 Eight channel line amplifier cards  
MMC-16 12 MIDI-Parallel-MIDI controller/actuator card  
PLM-4 14 Paging Logic Module card  
VCA-4 80 Four channel voltage controlled mic/line balanced  
mixer/amplifier cards  
VR-2 10 Bipolar (+/-15V) regulated power supply cards

Last updated: 2014-Jan-17