

SVT-3PRO Preamp Assembly Notes: Created July 2006 Transferred March 2007

SVT3PROa PREAMP ASSEMBLY 07-534-03

Performance Specifications

CONDITIONS: (UNLESS OTHERWISE STATED)

GAIN AND MASTER @ 10, TONES @ 5, BUTTONS OUT, EQ OFF

INPUT SIGNAL 20mvrms @ 1KHZ

FREQUENCY RESPONSE:

SEE SWEEP

GAIN:

26dB +- 2dB @ 1KHZ J1 TO J6 PIN 7

TONE CONTROLS:

BASS: +-12dB (WITHIN 2dB) @ 50HZ

MID: +-15dB (WITHIN 2dB) @ FREQUENCY SELECTED BY S3

(220, 450, 800, 1600, 3000)

TREBLE: +14dB/-19dB (WITHIN 2dB) @ 5KHZ

MAXIMUM SIGNAL LEVELS (GAIN @ LOWEST USABLE SETTING):

INPUT: > 900mvrms (-15dB BUTTON OUT)

>5vrms (-15dB BUTTON IN)

OUTPUT: >4vrms

GAIN TO LINE OUT (MEASURED AT EITHER LINE OUT J2, J3, NO LOAD)

S5 OUT (PRE): -10dB +-2dB P17 @ 0

-1dB +-2dB P17 @ 10

S5 IN (POST): -19dB +-4dB P17 @ 0

+6dB +- 4dB P17 @ 10

BRIGHT:

+6dB +- 2dB @ 2KHZ

ULTRA HIGH:

+6dB +- 2dB @ 5KHZ

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ULTRA LOW:

+2.5dB +- 2dB @ 50HZ -12dB +- 2dB @ 560HZ +1.5dB +- 2dB @ 5KHZ

GRAPHIC EQ:

GAIN:

0dB +- 2dB GAIN CHANGE WITH ALL SLIDERS @ DETENTS

FREQUENCY RESPONSE:

SEE SWEEP

ADJUSTMENT RANGES (WITHIN 2dB):

LEVEL	+-10dB
33HZ	+-15dB
80HZ	+-8dB
150HZ	+-8dB
300HZ	+-8dB
600HZ	+-8dB
900HZ	+-8dB
2KHZ	+-8dB
5KHZ	+-9dB
9KHZ	+-10dB

NOISE (MEASURED IN CHASSIS WITH BRIGHT, ULTRA LOW AND ULTRA HIGH IN):

EQ OUT: < 4mv

EQ IN: < 40mv (ALL SLIDERS FULLY UP)