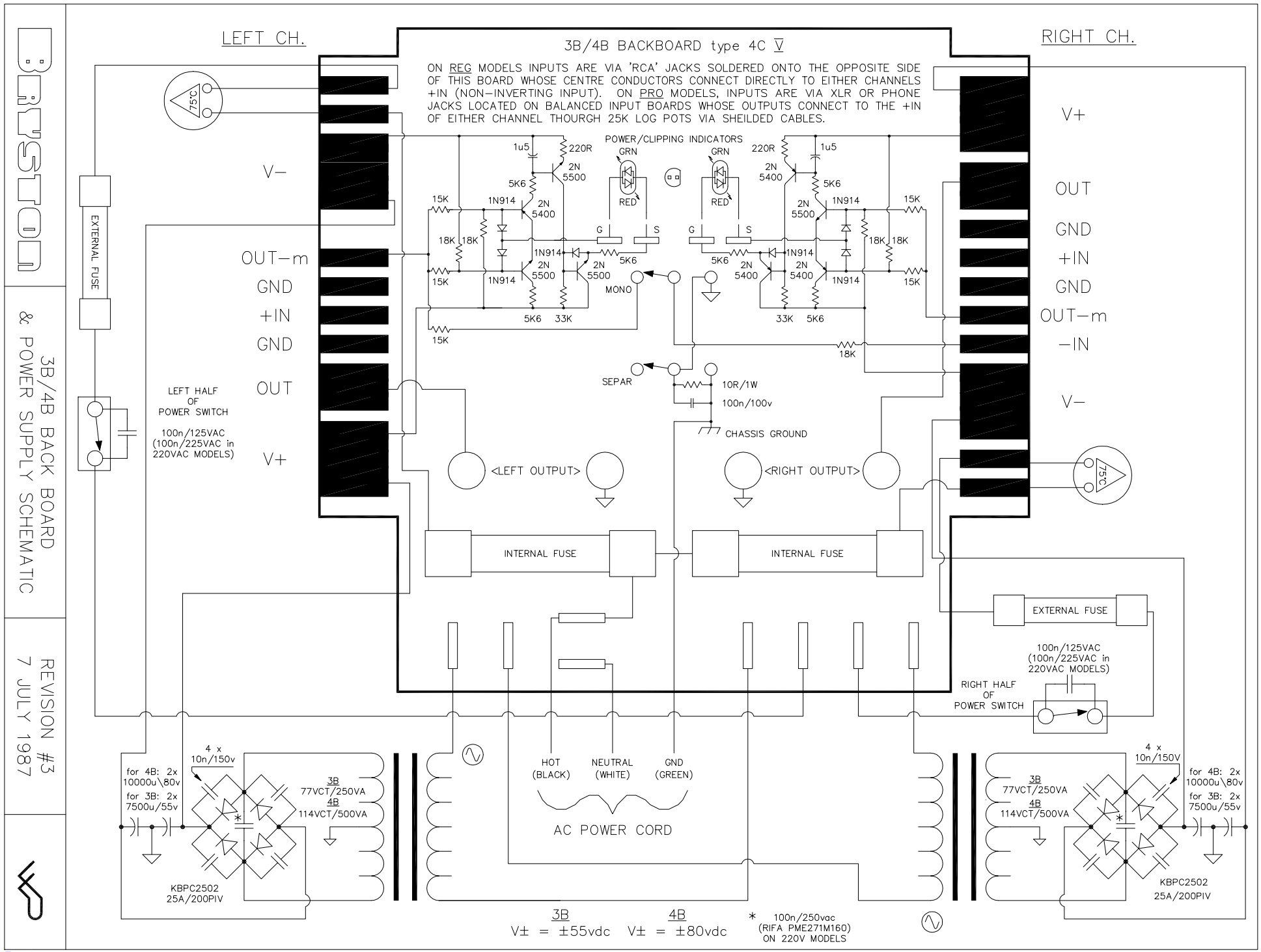
BRYSTON
3B/4B BACK BOARD & POWER SUPPLY SCHEMATIC
REVISION #3
7 JULY 1987
LEFT CH.
RIGHT CH.
3B/4B BACKBOARD type 4C V
ON REG MODELS INPUTS ARE VIA 'RCA' JACKS SOLDERED ONTO THE OPPOSITE SIDE OF THIS BOARD WHOSE CENTRE CONDUCTORS CONNECT DIRECTLY TO EITHER CHANNELS +IN (NON-INVERTING INPUT). ON PRO MODELS, INPUTS ARE VIA XLR OR PHONE JACKS LOCATED ON BALANCED INPUT BOARDS WHOSE OUTPUTS CONNECT TO THE +IN OF EITHER CHANNEL THOURGH 25K LOG POTS VIA SHEILDED CABLES.
75°C
V-
OUT-m
GND
+IN
GND
OUT
V+
EXTERNAL FUSE
LEFT HALF OF POWER SWITCH
100n/125VAC (100n/225VAC in 220VAC MODELS)
POWER/CLIPPING INDICATORS
GRN
RED
1u5
220R
2N 5500
2N 5400
5K6
15K
1N914
18K
33K
MONO
SEPAR
10R/1W
100n/100v
CHASSIS GROUND
<LEFT OUTPUT>
<RIGHT OUTPUT>
INTERNAL FUSE
INTERNAL FUSE
EXTERNAL FUSE
100n/125VAC (100n/225VAC in 220VAC MODELS)
RIGHT HALF OF POWER SWITCH
4 x 10n/150v
for 4B: 2x 10000u\80v
for 3B: 2x 7500u/55v
3B 77VCT/250VA
4B 114VCT/500VA
KBPC2502 25A/200PIV
HOT (BLACK)
NEUTRAL (WHITE)
GND (GREEN)
AC POWER CORD
3B V± = ±55vdc
4B V± = ±80vdc
* 100n/250vac (RIFA PME271M160) ON 220V MODELS