

4140 100W TWIN CHANNEL REVERB 2 x 12" COMBO

4145 100W TWIN CHANNEL REVERB 2 x 12" COMBO

CHANNEL I

INPUT SENSITIVITY: (at 1kHz) all controls full except reverb, boost off
High: 3.5mV (overload level 600mV)
Low: -6dB (referred to high input)

GAIN BOOST: +11dB (footswitch only operates with panel switch off)

TONE RANGE

Treble: 40dB at 10kHz
Middle: 15dB at 400Hz
Bass: 34dB at 40Hz
Bright: +16dB at 10kHz (decreasing with increasing volume control position)

REVERB: 3 sec. decay +17dB insertion gain
Hammond-type 4 spring unit

CHANNEL II

INPUT SENSITIVITY: (at 1kHz) all controls full
High: 30mV
Low: -6dB

TONE RANGE

Treble: 37dB at 10kHz
Middle: 17dB at 450Hz
Bass: 34dB at 50Hz

POWER OUTPUT (at 1kHz) Typical power at clipping 120W RMS into 4, 8, or 16 ohms
Average distortion, 4%
Master volume control is integral with power amp and effectively reduces the clip point of the power stage.

POWER SUPPLY REQUIREMENTS

Power input: 120/220/240 vac, 40/60Hz
Max. consumption: 275 Watts
Power fuse: *T4A for 120V; T2A for 220/240V
H.T. fuse: T1A

*NOTE: Bussman MDA, MDL or Littelfuse 3AB "Slo Blo" fuses of equivalent rating may be substituted for "T" series fuses.

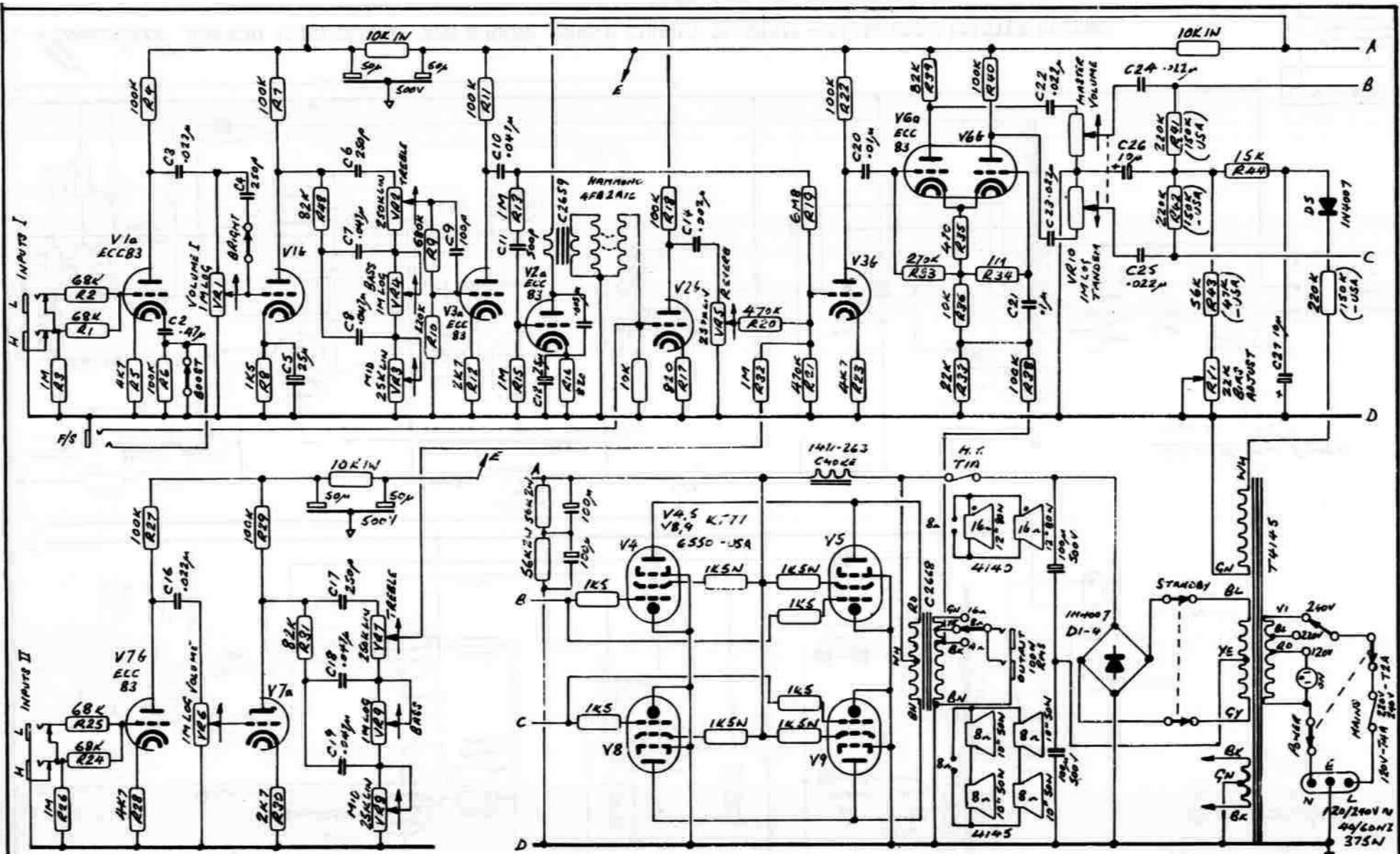
TUBE COMPLEMENT

Preamp and phase splitter tubes V1, 2, 3, V6, 7: ECC83/12AX7
Output power tubes V4, 5, V8, 9: 6550 for USA (KT77 elsewhere)

FOOTSWITCH: Remote switching for gain boost and reverb

LOUDSPEAKERS:

4140: Specially selected Celestion 12" 80Watt
4145: Specially selected Celestion 10" 50Watt



Marshall JCM 800 Series Models 4140, 4145 REVERB AMP - CIRCUIT DIAGRAM

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