

**Traynor**

**MODEL TS-25 B  
BASS AMPLIFIER**

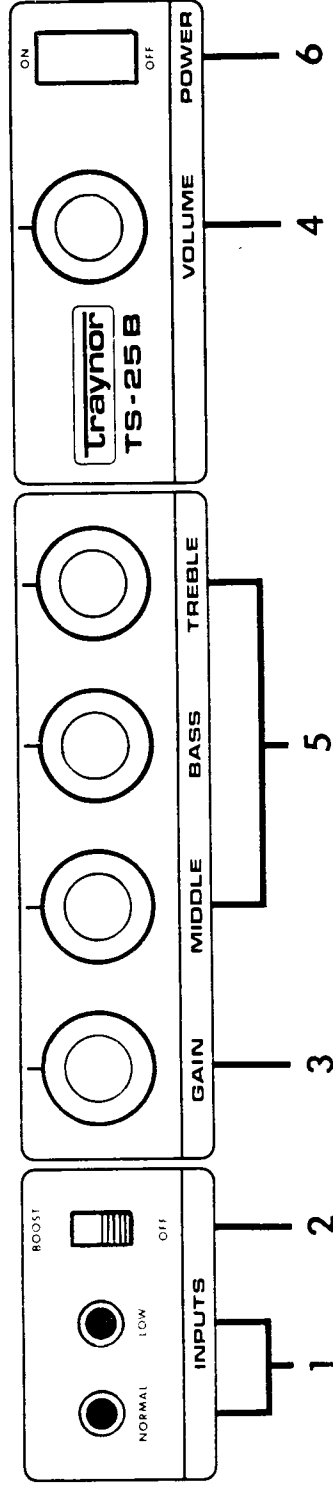
**OWNER'S MANUAL**

8924

DESCRIPTION

The "TS-25B" is a compact, single channel 25 Watt Bass amplifier, self-contained, with a 15" speaker. The unique pre-amplifier section is designed for a wide range of playing styles, while the power amplifier utilizes a fully complementary "Darlington" output stage, for improved stability and extremely wide band width.

FRONT PANEL



INPUTS (#1) Both inputs are standard  $\frac{1}{4}$ " phone jacks. Use the "NORMAL" input for most musical instruments. The "LOW" input is used for high output instruments and microphones.

BOOST SWITCH (#2) This switch is used to achieve smooth distortion and sustain in the "BOOST" Position.

GAIN AND VOLUME CONTROL (#3&4) These two controls are closely interrelated. The "GAIN" control (#3) adjusts the overall gain of the pre-amplifier section. It is used to determine the character of sound; at low settings the amplifier will sound clean, at high settings long sustain and distortion can be achieved.

The "VOLUME" control (#4), adjusts the level of signal which is fed into the power amplifier. It adjusts the total power output of the amplifier.

MIDDLE, BASS AND TREBLE (#5) The equalization of the "TS-25B" is very effective for achieving any desired tone. As these are wide range controls, it is recommended to set controls at mid setting (#5 on the dial knob) and then re-adjust for the desired type of sound.

POWER SWITCH AND INDICATOR (#6) "L.E.D." indicator lights when amplifier is "ON".

REAR PANEL



CIRCUIT BREAKER (#1) (North America Only) The breaker protects the amplifier from A.C. surges. If "L.E.D." indicator on front panel does not light, turn power switch to "OFF", press breaker once to reset, then turn power back "ON".

FUSE In U.K. and European models, replace fuse with same type as marked on back panel.

LINE OUT (#2) Is used for recording or connecting the "TS-25" to additional amplifiers.

SPECIFICATIONS

POWER OUTPUT 25 Watts into 8 Ohms @ 120 Volts A.C.

TOTAL HARMONIC DISTORTION Better than 1.0% @ rated output.

INPUT IMPEDANCE Normal 270 k. Ohms  
Low 35 k. Ohms

TS-25B INPUT SENSITIVITY Normal i/p: boost off: 1.5 m V  
boost on : 0.3 m V

Low i/p: boost off: 15 m V  
boost on : 5 m V

SPEAKER Heavy Duty 15", 50 Watts R.M.S., 8 Ohms, 1½" V.C.

<u>POWER REQUIREMENTS</u>	North America	117 V	60 Hz.
	U.K. and Europe	220/240 V	50 Hz.

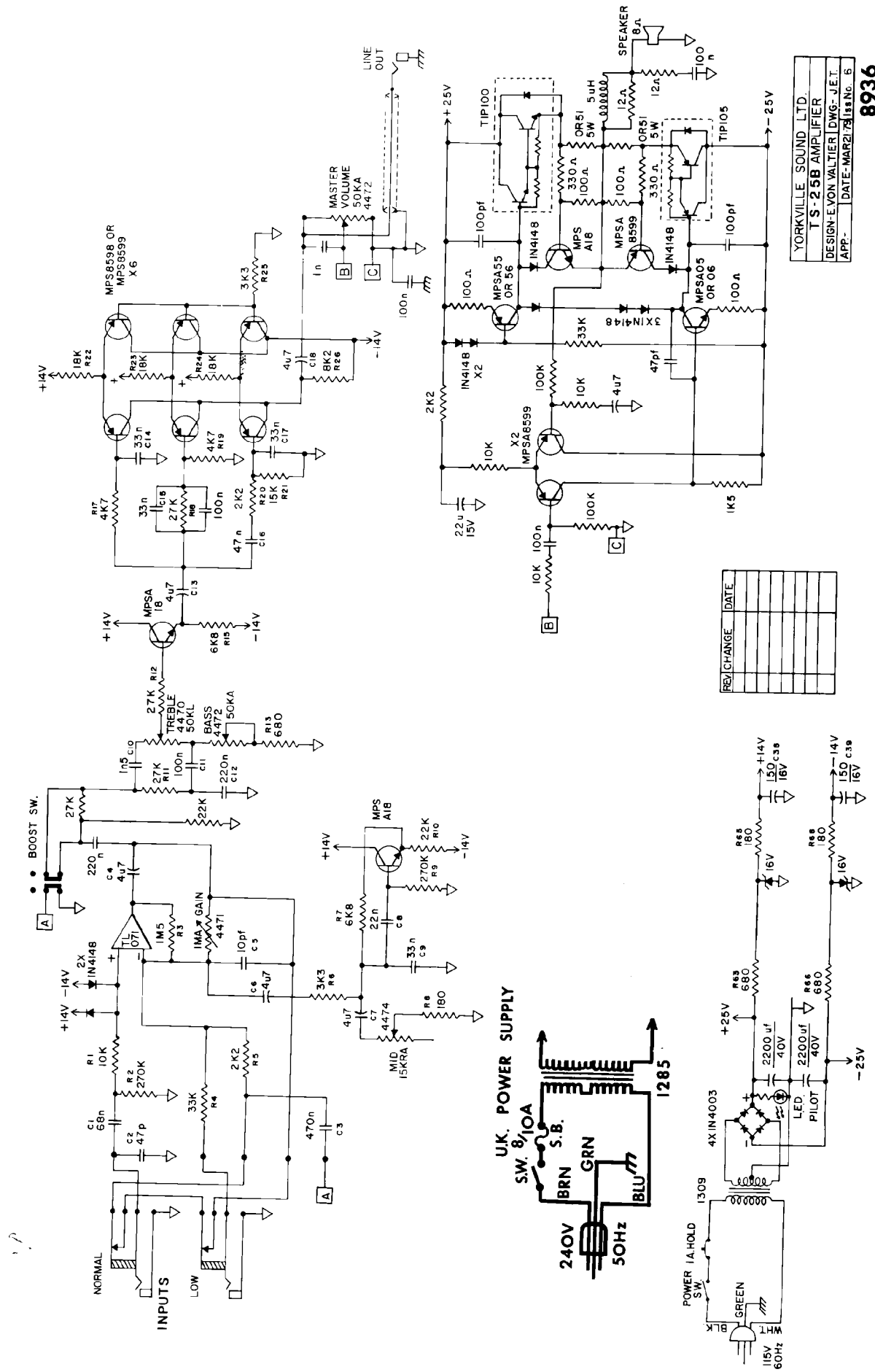
DIMENSIONS 25"h x 21"w x 13"d

WEIGHT 47 lbs. (21 kg.)

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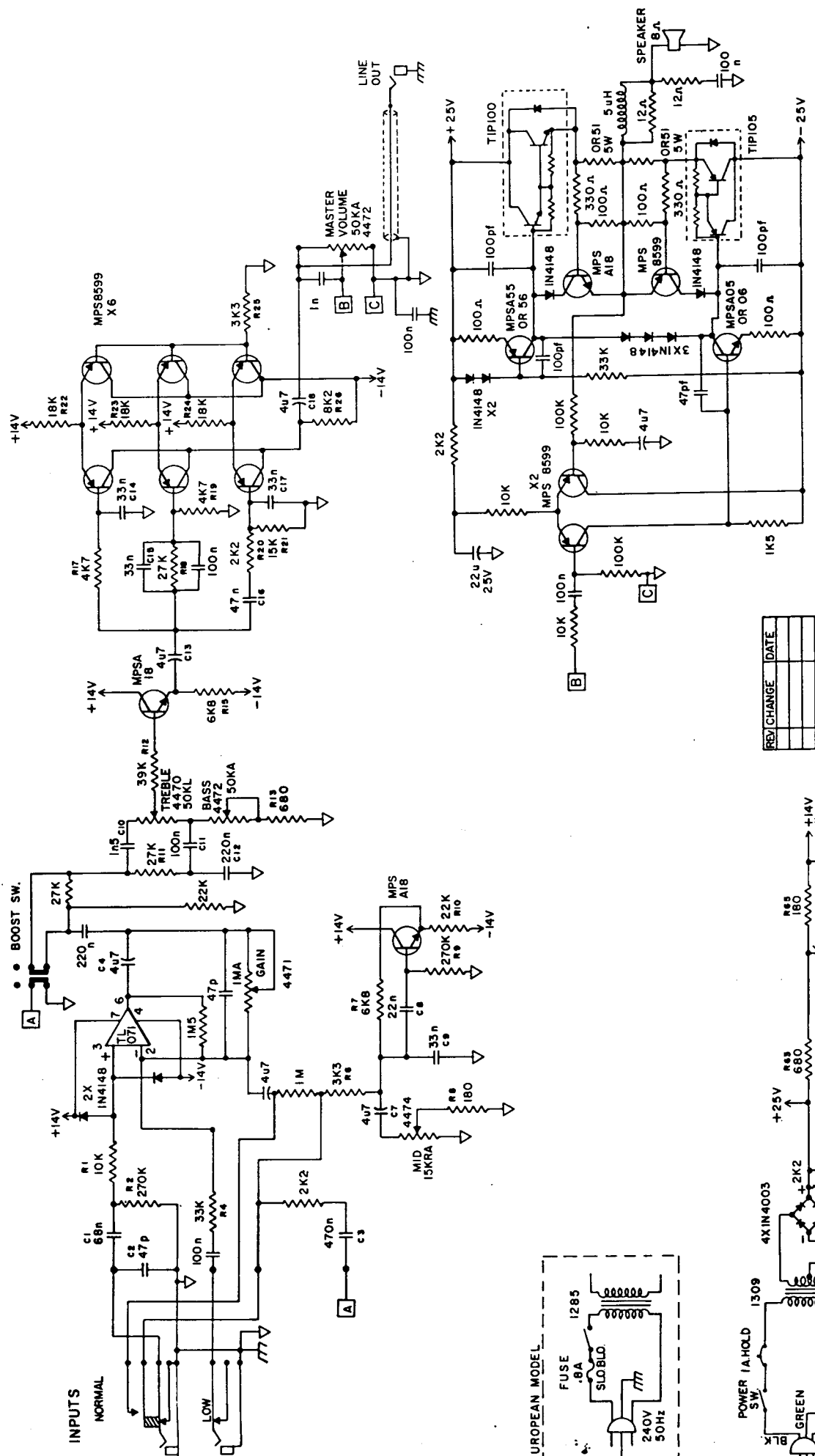
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REV/CHANGE	DATE

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**TS-25B AMPLIFIER**  
 DESIGN: E. VON VALTIER | DWG: J.E.T.  
 APP:      DATE: MAR 21 1978 | 1st No. 6



YORKVILLE SOUND LTD.  
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