

Service Manual

Cassette Deck

RS-B49R

dbx*/Dolby B-C NR, Auto-Reverse
Cassette Deck

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Color

(K)...Black Type
(S)...Silver Type



Mech. Assy RJ00205ZAR

RS-B49R MECHANISM SERIES

SPECIFICATIONS

Deck system:	Stereo cassette deck
Track system:	4-track, 2-channel
Heads: (Combination)	
REC/PLAY;	MX head
Erasing;	Double-gap ferrite head
Motor:	1 motor
Recording system:	AC bias
Bias frequency;	80 kHz
Erasing system:	AC bias
Tape speed:	4.8 cm/sec. (1 7/8 ips)
Frequency response:	
Metal;	20 Hz~17,000 Hz 30 Hz~17,000 Hz (DIN) 40 Hz~16,000 Hz±3 dB
CrO ₂ ;	20 Hz~17,000 Hz 30 Hz~16,000 Hz (DIN) 40 Hz~15,000 Hz±3 dB
Normal:	20 Hz~16,000 Hz 30 Hz~15,000 Hz (DIN) 40 Hz~14,000 Hz±3 dB
Dynamic range:	
(with dbx in)	110 dB (1 kHz)
S/N: (signal level=max. recording level, CrO ₂ type tape)	
dbx in;	92 dB (A weighted)

Dolby C NR in;	75 dB (CCIR)
Dolby B NR in;	67 dB (CCIR)
NR out;	57 dB (A weighted)
Wow and flutter:	0.08% (WRMS) ±0.14% (DIN)
Max. input level improvement:	
(with dbx in)	10 dB (1 kHz)
Fast Forward and Rewind time:	Approx. 90 seconds with C-60 cassette tape
Input sensitivity and impedance:	
MIC;	0.25 mV/400Ω~10 kΩ
LINE;	60 mV/47 kΩ
Output voltage and impedance:	
LINE;	400 mV/1.5 kΩ
HEADPHONES;	80 mV/8Ω
Power consumption:	20 W
Power supply: [M][MC]	AC 60 Hz 120 V
[E][EH][EGA]	AC 50/60 Hz 220 V
[EK][XA][XL]	AC 50/60 Hz
[PA][PE]	110 V/127 V/220 V/240 V
	Preset Power Voltage 240 V
Dimensions (W×H×D)	430×100.5×229.5 mm (16 29/32"×3 31/32"×9 1/32")
Weight:	3.6 kg (7 lbs. 15 oz.)

Design and specifications are subject to change without notice.

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®-D symbol are trademarks of Dolby Laboratories Licensing Corporation.

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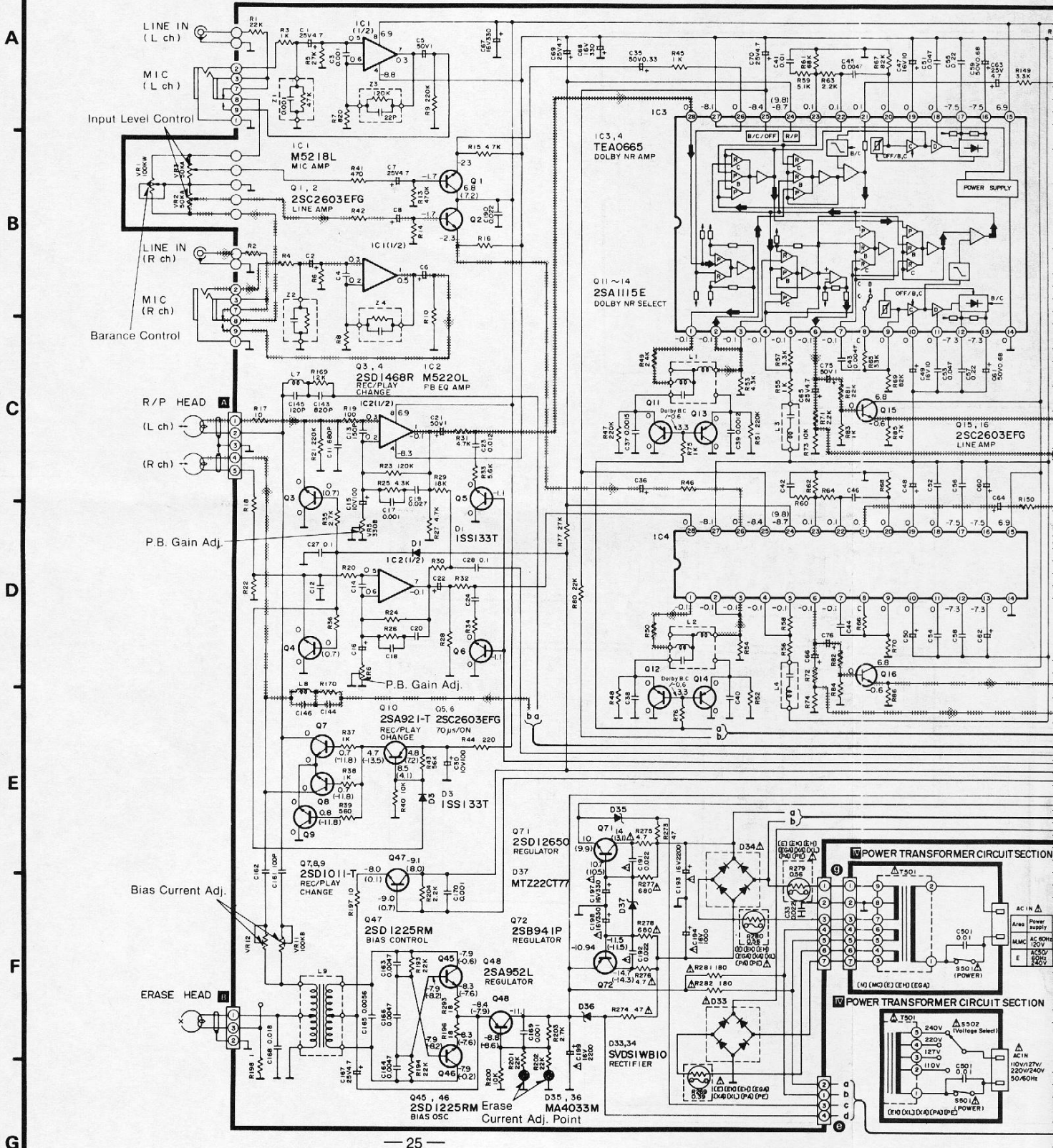
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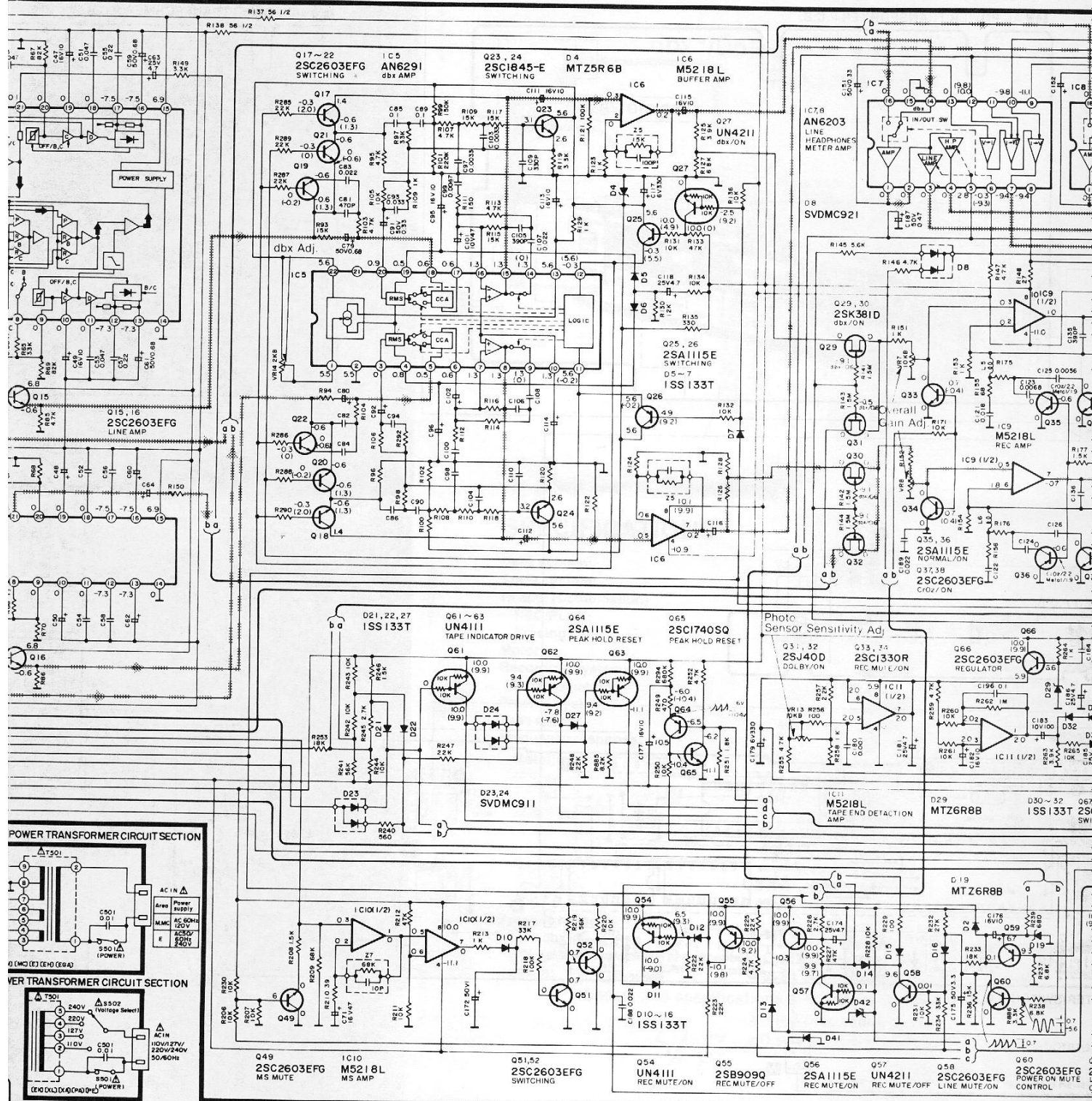
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SCHEMATIC DIAGRAM

1 MAIN CIRCUIT SECTION





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