

LUXMAN

DUO-BETA M-4000 A / C-5000 A

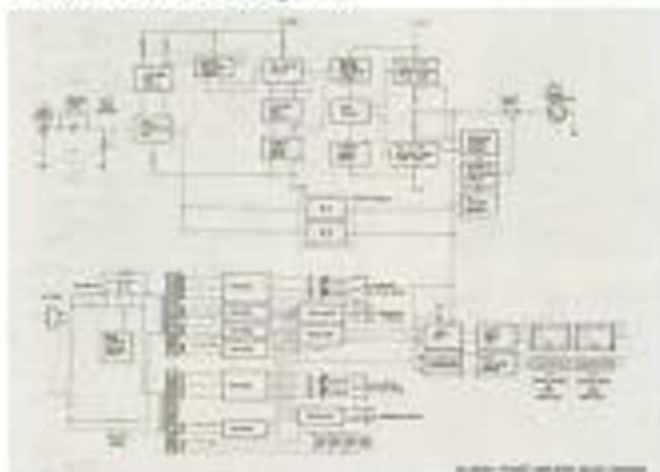
Stereo DC Power Amplifier

Stereo DC Pre-Amplifier

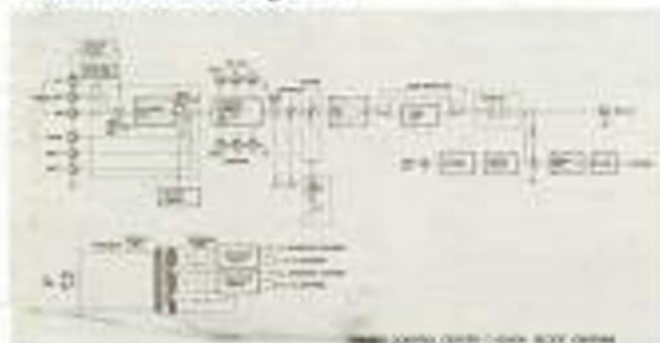
Lux presents the ultimate sound system. High power, superb performance and
Duo-Beta circuitry.



M-4000A Block Diagram



C-5000A Block Diagram



M-4000A SPECIFICATIONS

Power Output:	100 watts minimum - 400 per channel, both channels driven into 8 ohms from 20-20,000Hz with no more than 0.015% THD
Intermodulation Distortion:	Less than 0.01% at 100W, 1kHz
TIM:	Unmeasurable
Slew Rate:	300 μ V/ μ sec
Rise Time:	0.5 μ sec
Frequency Response:	3-100,000 Hz (-3dB)
Input Sensitivity:	600 mV
Input Impedance:	50k ohms
S/N Ratio:	More than 116 dB ("A" weighted, input short circuited)
Residual Noise:	No more than 0.4mV
Separation:	Better than 100 dB (1 kHz, volume at maximum)
	Better than 80 dB (20-20,000 Hz, volume at maximum)
Dimensions:	485 mm (W) x 175 mm (H) x 390 mm (D) (19-3/32" x 6-7/8" x 15-3/8")
Weight:	Net 30 kgs (66.0 lbs.) Gross 33 kgs (72.6 lbs.)

C-5000A SPECIFICATIONS

Output Voltage:	pre. out: typical 1V, max 18V (distortion no more than 0.002%) rec. out: typical 145mV, max 18V (distortion no more than 0.002%)
Output Impedance:	pre. out 47 ohms rec. out 100 ohms
Total Harmonic Distortion:	phono (MC, MM-1, MM-2): no more than 0.005% (rec. out 145mV, 20-20kHz) tuner, aux-1, aux-2: no more than 0.005% (rec. out 1V, 20-20kHz) monitor-1, -2, -3: no more than 0.002% (rec. out 1V, 20-20kHz)
Rated T.M.:	phono (MC, MM-1, MM-2): no more than 0.002% (rec. out 145mV, 60Hz : 7kHz = 4 : 1) tuner, aux-1, aux-2: no more than 0.002% (pre. out 1V, 60Hz : 7kHz = 4 : 1) monitor-1, -2, -3: no more than 0.002% (pre. out 1V, 60Hz : 7kHz = 4 : 1)
Frequency Response:	phono: 20Hz - 20,000Hz (within ± 0.2 dB) tuner, aux: 11Hz - 150,000 Hz (within ± 0.5 dB) monitor: 11Hz - 150,000Hz (within ± 0.5 dB)
Input Sensitivity:	phono (MC): according to the LUXMAN step-up transform (e.g. 220 μ V with 8020) Phono (MM-1, MM-2): 2.2mV tuner, aux-1, aux-2: 145mV monitor-1, -2, -3: 145mV
Input Impedance:	phono (MC): according to the LUXMAN step-up transform (e.g. 20-40 ohms with 8020) phono (MM-1): 50k ohms phono (MM-2): 100 ohms, 50k ohms, 100k ohms tuner, aux-1, -2: 60k ohms monitor-1, -2, -3: 60k ohms
Signal-to-Noise Ratio:	phono (MC): 78dB (LUXMAN 8020, IHF-A wtd, input short-circuited) phono (MM-1, MM-2): 80dB (IHF-A wtd, input short-circuited) tuner, aux-1, -2: 100dB (IHF-A wtd, input short- circuited) monitor-1, -2, -3: 100dB (IHF-A wtd, input short-circuited)
Tone Control:	LUX NF type with turner frequency selector Turnover Frequencies: 55Hz, 77Hz, 110Hz, 160Hz, 220Hz, 330Hz, 440Hz, 620Hz, 880Hz, 1100Hz, 1500Hz, 2000Hz, 2500Hz, 3300Hz, 4400Hz, 5500Hz, 7700Hz, 11000Hz, 15000Hz, 20000Hz, 25000Hz
System Filter:	6dB/oct: 10Hz, off, 20Hz 12dB/oct: 10Hz, off, 20Hz 18dB/oct: 10Hz, off, 20Hz
High Cut Filter:	6dB/oct: 9kHz, off, 15kHz 12dB/oct: 9kHz, off, 15kHz 18dB/oct: 9kHz, off, 15kHz
Power Consumption:	30W
Dimensions:	498 (W) x 350 (D) x 180 (H) mm (19-5/8" x 13-3/16" x 7-1/16")
Weight:	Net 11.5kgs (25.3lbs.) Gross 13.0kgs (28.6lbs.)

Specifications and appearance design subject to change without notice.

AUTHORIZED DEALER

LUX AUDIO OF AMERICA, LTD.

90 DUPONT ST. PLAINVIEW, NEW YORK 11803 U.S.A.

LUX CORPORATION, JAPAN.

1-1, 1-CHOME, SHINSENRI-NISHIMACHI,
TOYONAKA-SHI, OSAKA, JAPAN.
PHONE: 06-634-3222 CABLE: LUXMAN TOYONAKA TELEX: J63884