

Any LUX amplifier or tuner that doesn't meet or exceed every rated specification won't ever reach you.

It's one thing to produce components with an impressive list of published specifications. It's quite another matter to ensure that every unit will meet or exceed each of those specifications. But this is precisely what LUX does with its entire line of power amplifiers, preamplifiers, integrated amplifiers and tuners.

LUX components were conceived and designed for that very special breed of audiophile whose critical requirements for accurate music reproduction are met only by separate amplifiers and tuners. And of those products, the very best that the state of the art can provide.

Hence, the following procedure takes place at our facilities in Syosset, New York.

Every unit received from the factory in Japan is removed from its carton and placed on a test bench where it is connected to an array of test equipment, which includes a Sound Technology 1700A Distortion Measurement System and 1000A FM Alignment Generator, McAdam 2000A Digital Audio Analyzer System, and Iwatsu Electric SS5100 and 5057Z 5057Z Synchroscope.

Every control, switch, meter and indicator undergoes an operational check-out. There's nothing unusual about this. Any reputable manufacturer can be expected to do the same. Or at least spot check a shipment.

But LUX has only begun. Every specification is then measured against its published rating. That means 14 individual tests for a power amplifier, 14 for a preamplifier, 20 for an integrated amplifier and 7 for a tuner.

Each verified specification is entered by hand on a Performance Verification Certificate. Any unit that doesn't

match or exceed every published specification is given the appropriate remedy. When a unit passes, it is returned to its carton together with a copy of the Certificate for the information of its future owner. Another copy stays with us as a permanent record.

As for the specifications themselves, here are some examples. The Luxman M-4000 power amplifier has less than 0.05% harmonic and intermodulation distortion at any frequency from 20 to 20,000 Hz, even with both channels driven simultaneously to its rated output of 180 watts per channel into 8 ohms. Another M-4000 specification: signal-to-noise ratio beyond 100 dB.

Another example is the C-1000 preamplifier. Its phono-input circuits are virtually overload proof, accepting almost half a volt of audio signal at 1000 Hz. The distortion of its phono-preamplifier circuits is an astonishingly low 0.006%, and the rest of the preamplifier circuits add only 0.001% more.

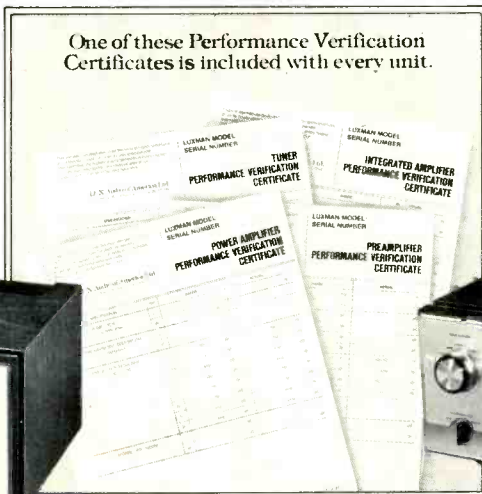
There's one more expression of our confidence in our products. If any of them malfunctions during the first three years, let us know. We'll not only fix it promptly, but will pay the freight both ways, as well as supply a shipping carton if needed.

Some day, all manufacturers may adopt these procedures. For LUX, it's the only way to go. From the very beginning.

With all this, we think that neither our specifications nor our procedures for verifying them is nearly so

important as your satisfaction with the end result: the most accurate and musical reproduction you can hear.

The end result can be best appreciated at a select number of dealers whom we guarantee to be as dedicated to fine music reproduction as we are.



One of these Performance Verification Certificates is included with every unit.



Luxman M-4000 Power Amplifier—180 watts per channel minimum continuous power, both channels driven simultaneously into 8 ohms. Total harmonic and intermodulation distortion less than 0.05%. Frequency response: 5-50,000 Hz, ± 1 dB. Signal-to-noise ratio: 108 dB. Features include: separate power supplies for each channel, including output and drive stages. Two-meter power-output display in combination with LED peak-output indicators reveal dynamic range of program material. Output level set by precision potentiometer with 1-dB click stops. \$1,495.00.



Luxman C-1000 Preamplifier—Total harmonic and intermodulation distortion: 0.007% at 2.5 V, 20 Hz-20 kHz, all output signals. Frequency response: 2 Hz-80 kHz, +0, -0.5 dB. Signal-to-noise: >65 dB. Phono overload: 450 mV @ 1 kHz, 3.5 V @ 20 kHz. RIAA equalization: ± 0.2 dB. Features include: tape-monitoring and dubbing for two decks, six selectable tone control turnover frequencies, linear equalizer, twin high and low noise filters, variable phono-input impedance, variable input sensitivities, "touch-mute" attenuator, speaker system selectors. \$895.00.

LUX Audio of America, Ltd.

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In Canada: AMX Sound Corp. Ltd., British Columbia; Gentronic Ltd., Quebec