

TECHNICAL ELEMENT	L-590AX	L-590AX II	FEATURES, IMPROVEMENTS
LECUA	88 steps	88 steps	The construction of LECUA itself is the same, but an FET buffer before LECUA was replaced by a transistor buffer. Therefore S/N is improved and so is the distortion.
ODNF	3.0A	4.0	Distortion characteristic of the high range is improved. The expression is clearer.
POWER	10000 μ F \times 4 (LR common)	10000 μ F \times 8 (LR independent)	The first capacitors have been doubled (4 \rightarrow 8) and LR becomes independent. Thus the interference between L and R is decreased and separation is improved. The same construction as M-700u.
TRANSFORMER	EI type 640 V A	EI type 640VA thicker primary winding	Regulation is improved and more powerful expressive power for the low range is realized. The voltage on the power transistor is higher and the power consumption is a little higher.
PRE OUTPUT	Operational amp	Operational amp +Discrete buffer amp	Output impedance is decreased and the driving force of preamp is improved. Thus more speedy low range is possible and the sound rise is faster.
ORIGINAL CONDENSER	PPSD,PPSO	Improved version of PPSD, PPSO	Property variation by the temperature shift is rare and the durability is high. Newly added the vibration protections decreased the sound choks. The capacity of the condenser is optimized. The supplier was changed.
DUMPING FACTOR	240	320	This increase is not due to negative feed back. The impedance of the signal path is decreased. (The inside wiring of the main part is 260% thicker.)
METER	Reaction speed a little slow	Reaction speed increased	Design around the meter is changed.
LEG	Silver	Black	Same material and gradation cast iron.
SOUND QUALITY	<p>The performance stage wider and bigger scale-feeling. Increased feel of tranquility and the sounding and the afterglow are more vivid.</p> <p>The low range has more strength and energy.</p> <p>LUXMAN's integrated amplifier's flagship. We put into know-hows that we acquired from separate amplifiers' development.</p> <p>Being a pure A-class amplifier, we did not put so much emphasis to make it sound like "A-class," the expressive power with high density is alive.</p>		