

**CONTROL AMPLIFIERS**

**C-700U**



Luxman's new C-700u preamp benefits from the same uncompromising construction and attention to detail as the D-06u. At its heart lies Luxman's fourth-generation ODNF (Only Distortion Negative Feedback) amp circuit, which restricts feedback to distortion components only, thus greatly enhancing signal-to-noise performance. This is directly coupled to the LECUA 1000 attenuator circuit, trickled down from the flagship C-900u preamp, allowing an extremely fine degree of volume control and left/right balance adjustment whilst maintaining sound quality at the highest level.

Exceptional signal purity doesn't have to mean stripped-to-the-bone facilities – not when they are implemented with Luxman's no-compromise approach. The C-700u includes precision bass and treble tone adjustment (extremely useful given the variability of today's music formats), a 'loudness' control for low-level listening, a 'line straight' button that bypasses the tone controls, and phase selection for the balanced inputs. The FL display can even be zoomed in stages via the remote, ensuring key information remains readable no matter how far the listener is from the preamp (the D-06u shares this feature).



In terms of connectivity, the C-700u offers seven line-level inputs (five single-ended RCA and two balanced XLR), plus four line-level outputs (two single-ended and two balanced). Also present are monitor input and record output RCA terminals, an external preamp input for integration with an AV system, and two remote output terminals for integrated system control.

**Accessories:**

- RA-22 remote control
- Power Cable
- 2 x AAA batteries
- Safety Cautions
- Owner's Manual

**SPECIFICATIONS**

Item	Value
<b>Input Sensitivity</b>	
LINE	250 mV / 1 V output, 1 kHz, load 50 kΩ
BAL LINE	250 mV / 1 V output, 1 kHz, load 100 kΩ
LINE → BAL LINE	250 mV / 1 V output, 1 kHz, load 100 kΩ
BAL LINE → LINE	250 mV / 1 V output, 1 kHz, load 50 kΩ
<b>Maximum Output</b>	
LINE	11 V / distortion 0.1 %, 1 kHz, load 50 kΩ
BAL LINE	11.5 V / distortion 0.1 %, 1 kHz, load 100 kΩ

LINE → BAL LINE	11.5 V / distortion 0.1 %, 1 kHz, load 100 kΩ
BAL LINE → LINE	11 V / distortion 0.1 %, 1 kHz, load 50 kΩ
<b>Input impedance</b>	
LINE	46 kΩ / 1 kHz
BAL LINE	67 kΩ / 1 kHz
Unselected LINE	33 kΩ / 1 kHz
Unselected BAL LINE	67 kΩ / 1 kHz
<b>Output impedance</b>	
LINE	90 Ω / 1 kHz
BAL LINE	600 Ω / 1 kHz
<b>Total harmonic distortion</b>	
LINE	0.007 % / 1 V output, 20 Hz - 20 kHz, load 50 kΩ
BAL LINE	0.010 % / 1 V output, 20 Hz - 20 kHz, load 100 kΩ
LINE → BAL LINE	0.007 % / 1 V output, 20 Hz - 20 kHz, load 100 kΩ
BAL LINE → LINE	0.009 % / 1 V output, 20 Hz - 20 kHz, load 50 kΩ
<b>Frequency response</b>	
LINE	+0, -0.1 dB / 1 V output, 20 Hz - 20 kHz, load 50 kΩ +0, -3.0 dB / 1 V output, 5 Hz - 120 kHz, load 50 kΩ
BAL LINE	+0, -0.2 dB / 1 V output, 20 Hz - 20 kHz, load 100 kΩ +0, -3.0 dB / 1 V output, 5 Hz - 80 kHz, load 100 kΩ
LINE → BAL LINE	+0, -0.2 dB / 1 V output, 20 Hz - 20 kHz, load 100 kΩ +0, -3.0 dB / 1 V output, 5 Hz - 110 kHz, load 100 kΩ
BAL LINE → LINE	+0, -0.2 dB / 1 V output, 20 Hz - 20 kHz, load 50 kΩ +0, -3.0 dB / 1 V output, 5 Hz - 85 kHz, load 50 kΩ
<b>S/N ratio</b>	
LINE	125 dB (IHF-A) / distortion 0.1 %, 1kHz, load 50 kΩ
BAL LINE	122 dB (IHF-A) / distortion 0.1 %, 1kHz, load 100 kΩ (ATT. -87dB)
LINE → BAL LINE	122 dB (IHF-A) / distortion 0.1 %, 1kHz, load 100 kΩ
BAL LINE → LINE	125 dB (IHF-A) / distortion 0.1 %, 1kHz, load 50 kΩ (ATT. -87dB)
<b>Tone control</b>	
Bass	±8 dB at 100 Hz
Treble	±8 dB at 10 kHz
<b>Loudness Control</b>	
100 Hz	+7 dB
10 kHz	+5 dB
<b>Power consumption</b>	
	28 W / 2 W (at standby)
<b>Power supply</b>	
	230 V ~ (50 Hz)
<b>Max. external dimensions</b>	
	440 (W) × 130 (H) × 430 (D) mm
<b>Weight</b>	
	14.6 kg (main unit only)