

## Earlybird 2.2 - Specification

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Included are the figures for noise, distortion and EQ. They are all measured with the Earlybird set up for 44dB mic gain / 0 dB line gain and a 10k $\Omega$  load.

<b>Input impedance</b> Mic	300 $\Omega$ or 1200 $\Omega$ , switchable, balanced
Pad	1.8k $\Omega$
Line	12.7k $\Omega$
Pullet	1.2k $\Omega$
<b>Output impedance</b>	<300 $\Omega$
<b>Maximum gain</b>	62dB
<b>Maximum output level (MOL)</b>	+33dBm (36V RMS)
<b>Distortion (THD) @</b> 1kHz 100Hz	0.005% 0.01%
<b>Frequency response</b> $\pm$ 0.5dB $\pm$ 1dB	11Hz to 26kHz 8Hz to 65kHz
<b>Total noise, unweighted, 30kHz filter</b>	114dB below MOL
<b>EQ, active controls @ max:</b> Bass Mid Top	+17dB@50Hz +15dB@800Hz & 2.5kHz +20dB@10kHz
<b>Phase shift</b> HF LF	16° (4.5%) @10kHz 0 within audible range
<b>Gain settings (dB)</b> Mic Line	36, 44, 52 & 60dB -8, 0, 8 & 16dB
<b>High pass filter (Hz)</b>	0, 40, 100 & 800Hz
<b>Output trim</b>	-18dB to 0dB reverse linear attenuator
<b>Input and output connectors</b>	8x3 pin XLRs, wired balanced
<b>Valve complement</b>	2x12AX7LPS/ECC83/7025, 2x12AU7/ECC82/6189
<b>Pilot light bulb</b>	24V/2.8W
<b>Fuses</b>	115V: T1.25A 230V: T0.63A

