In Barn for Review: Audio Hungary **Qualiton X200 Integrated Amplifier**

② November 29, 2021 🛔 Michael Lavorgna 🕒 In Barn for Review



joined me in the Barn to play with the other Barn residents and guests. Offering 100 Watts of output power per channel generated by a quad of KT 120 beam tetrodes (or

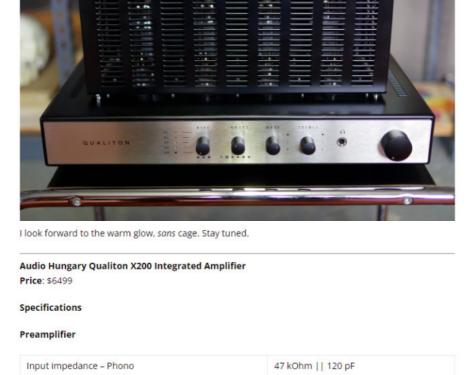
optional KT150), the X200 includes 4x RCA line level inputs, 1x XLR input for use with an external preamplifier, 1x Unbalanced input for use with an external preamplifier, EQ out, Sub out, and I saved the best for last — a MM (Moving Magnet) phono input. A single pair of speaker binding posts and IEC inlet complete the X200's business end.



volume control. The on/off switch is the unit's back left side.







25 kOhm || 10 pF

40 mV (f = 1 kHz)

+46 dB (f = 1 kHz)

Input impedance - Line Max. input signal - Phono Max. input signal - Line

Gain - Phono

Gain – Line	0 dB
Max. deviation from RIAA curve – Phono	+/- 0.5 dB
Frequency response – Line	4 Hz to 1 MHz (-3 dB)
Total Harmonic Distortion – Phono	< 0.03% (f = 10 kHz)
Total Harmonic Distortion – Line	< 0.001% (f = 20 Hz to 20 kHz)
Total Harmonic Distortion – EQ	< 0.002% (f = 20 Hz to 20 kHz)
Signal-to-noise ratio – Phono	> 60 dB (1 V, without A-filter)
Signal-to-noise ratio – Line	> 90 dB (1 V, without A-filter)
Signal-to-noise ratio – EQ	> 90 dB (1 V, without A-filter)
Bass boost in setting I – EQ	+ 5.6 dB
Bass boost in setting II – EQ	+ 7.6 dB
Treble boost in setting I – EQ	+ 6 dB
Treble boost in setting II – EQ	+ 8 dB
mplifier	
Name	Value
Rated output power	2 x 100 W
Input impedance, Direct balanced IN	20 kOhm
Input impedance, Direct unbalanced IN	10 kOhm
Input sensitivity, Direct balanced IN	460 mV, to rated output
Input sensitivity, Preamp IN	460 mV, to rated output
Input sensitivity, Phono IN	2.25 mV, to rated output
Gain	+35.5 dB (RL = 8 Ohm)

Frequency response	27 Hz to 70 kHz (-3 dB, rated output)
Total Harmonic Distortion	< 0.5% (f = 1 kHz, rated output)
Signal-to-noise ratio	> 100 dB (RL = 8 Ohm, rated output)
Load impedance	4 to 8 Ohm
Name	Value
Rated output power	2 x 0.3 W (RL = 32 Ohm)
Gain	-6 dB (RL = 32 Ohm)
Frequency response	4 Hz to 1 MHz (-3 dB)
Total Harmonic Distortion	< 0.008% (RL = 32 Ohm, 0.125 W)

Tubes required

Weight

Dimensions

Power requirement

rrequericy response	4112 to 1 mile (5 db)	
Total Harmonic Distortion	< 0.008% (RL = 32 Ohm, 0.125 W)	
Signal-to-noise ratio	> 95 dB (RL = 32 Ohm, rated output))	
General		
Name	Value	
Number of input ports / channel	1 unbalanced Phono IN	
	4 unbalanced Line IN	
	1 unbalanced Direct IN	
	1 balanced Direct IN	
Number of output ports / channel	1 unbalanced Line OUT	
	1 unbalanced Sub OUT	
	1 unbalanced EQ OUT	
	1 unbalanced Phones OUT	
	1 balanced Power OUT	

2 x 6922 2 x 12AX7

23 kg

43 x 47.5 x 20 cm

Idle: 200 W, Maximum: 720 W

4 x KT120 (KT150 or KT170 optionally)