



Spec Comparison between the new Tessera Reference and Tessera Phonostages

	New Tessera Reference	Tessera	Effect
Tubes	2 new 12DW7/ECC832		Better amplifier and output driver
	2 each 12AX7/ECC83s	4 ea. 12AX7/ECC83s	
	2 each 12AU7/ECC82	2 ea. 12AU7/ECC82	
Power Supply	New ESP Supply with 3 Toroids	3 linear regulated power supplies	Generates significantly less noise and concentrates the magnetic fields
High Voltage Power	300V	250V	17% increase for more headroom
12V Standby	0.5W	7W	93% more efficient
12V High Power	8 Amps	3.4 Amps	4.6 Amp increase
Power consumption	60W	52W	more powerful
Maximum Output levels	12V RMS	8V RMS	increased headroom by 4V allows more musical peaks like trumpet, drums.
Dynamic Range	116 dBV	108 dBV	8 dBV increase; quietest parts are quieter, louder parts are louder
Noise	95 dBV below operating output	90 dBV below operating output	Quieter
MC: 3 Position Gain	MC: 65 dB, 70 dB, 75 dB	MC: 60 dB, 65 dB and 70 dB.	Increased output volume
MM: 3 Position Gain	MM: 47 dB, 51 dB, 55 dB	MM: 40 dB, 45 dB and 50 dB	Increased output volume
Dual Chassis Weight	45 pounds	42 pounds	
Circuit Design	New upgraded circuits		More musical detail
	New optimized components		More musical detail
	New extensive grounding throughout		Quieter
Please see complete specs for more information			