

Specifications:

Patterns:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cardioid, omni, Figure of 8
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Switchable from mic
Frequency Range:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10Hz to 18kHz, +/-2dB
Sensitivity:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19mv/Pa
Equivalent Noise:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18dB ("A" weighted)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32dB (unweighted)
Distortion vs.SPL @1kHz:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	112dB = 0.5% THD
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	118dB = 1% THD
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	129dB = 2% THD
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(increasing distortion is non-exponential, nearly linear, and primarily 2 nd harmonic)
Impedance:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	200 Ohms true
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	transformer balanced
Recommended load:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.2k Ohms
Dynamic range (maxSPL-"A"noise):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	84dB
S/N (94dB-noise):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	76dB "A", 62dB unweighted
Capsule size:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1" diameter, dual
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	asymmetrical backplate
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CK12 type
Tube type:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	New Old Stock GE5670 triode
Dimensions:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2" dia x 8.5" oal (52x216mm)
Weight:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1lb 9.3oz (1.58lbs) =716g
Shipping weight:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12 lbs
Power Supply:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P251 true linear, factory
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	wired 115v or 230v operation
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Technical advantages the 251:

- 1) True transformer balanced output using hybrid lamination four section transformer*. Our transformer is ten times the size of the original so you get no rolloff in the low end until 8Hz (with no loss of high frequencies), making our mic more full bandwidth than the original.
- 2) NOS dual triode** with traditional resistive (not transistor) load and enhanced original circuitry for unique vintage amplification curve and dynamics response!
- 3) Selected ck12 type capsule.
- 4) True linear power supply featuring choke fed, passive shunt regulated B+ voltage and new super-quiet heater regulation, providing a better hum and noise spec than the original.
- 5) Original headgrille dimensions and wire mesh layers are maintained for faithful replication of classic 251 headgrille resonance effects.
- 6) Higher wattage resistors reduce noise effects due to heating inside the mic.
- 7) Shock mounted ceramic tube socket unlike any other in the industry reduces in-band tube resonance & increases s/n while ensuring long trouble free life.
- 8) Switchable three patterns on mic: omni, cardioid, fig 8. Cardioid completely removes the rear membrane and it's associated circuitry from the signal path ensuring an optimized tone and s/n.
- 9) P251 power supply has power on indicators located at both ends for quick and easy "power on/off" status verification.

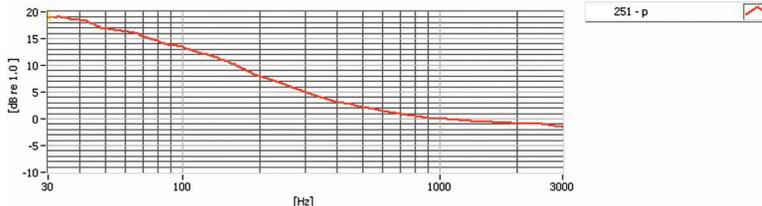
*(four section transformers cost much more than the common unsectioned or two sectioned device but have a greater ability to resolve complex program material)

** (most NewOldStock tubes perform better than any currently made tubes in microphones, and we have secured adequate stock for many years to come and will not run into shortage problems like those seen with VF14's and 6072's)

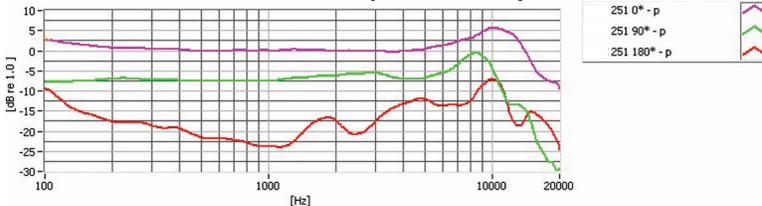


System Includes 6 pin Tuchel cable, AC cable, wood box, spider shock mount, and shipping system.

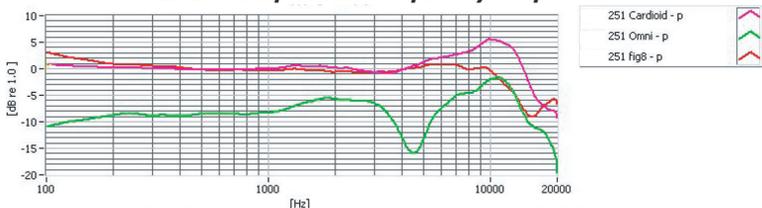
251 Proximity Effect



251 cardioid on/off axis response



251 multipattern frequency response



Bock Audio Warranty: Three years, parts and labor, on all microphones and power supplies. One year parts on tubes.

For warranty service, contact your dealer

Bock Audio Designs, 7320 Smoke Ranch Road, Suite G, Las Vegas, NV 89128 Sales: (702) 365-5155