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604's Forever!

The first production 604 appeared in 1944 and quickly became the industry standard. The 604 is a "Duplex®" or coaxial loudspeaker utilizing a 15" woofer and a 1" throat HF compression driver (1.75" voice-coil). The HF magnet mounts directly to the back of the woofer magnet and the throat of the HF driver extends through the center of the woofer to a small horn. This basic configuration has remained unchanged for 50 years . . .

	604 B,C,D,E	604-8G	604-8H	604-8K, L
System Impedance	16 ohm	8 ohm	8 ohm	8 ohm
Magnet	Alnico	Alnico	Alnico	Ferrite
HF Phase Plug	Circumferential	Circumferential	Tangerine®	Tangerine®
Horn Type	Multicellular	Multicellular	Mantaray®	Mantaray®
Woofer Frame	15.2" Rear Mount	16" Front or Rear Mtg.	16" Front or Rear Mtg.	16" Front or Rear Mtg.
Crossover Network	N-1000-B (B) N-1600-A(C,D) N-1600-A (E)	"604-8G" LF = 12 dB/oct HF = 18 dB/oct	"604-8H" LF = 12 dB/oct HF = 18 dB/oct	"604-8K" (K) "N1500-8A" (L) LF = 12 dB/oct HF = 18 dB/oct
Crossover Frequency	1000 Hz (B) 1600 Hz (C,D) 1500 Hz (E)	1500 Hz	1500 Hz	1500 Hz
Power Rating	30W (B) 35W (C,D,E)	65W Pink Noise	65W Pink Noise	75W Pink Noise

Notes:

- 604 B,C,D,E = Only small differences in construction. The B/C used a true multi-cell horn and the D/E used a sectoral-style horn with divider vanes.
- 604-8G = New crossover and diaphragm assembly improved power handling, delivered smoother mid-range, and exhibited lower distortion
- 604-8H = New Tangerine® phase plug and Mantaray® horn improved high frequency coverage. New crossover network offered HF and MF controls.
- 604-8K = New magnet offered same flux density as Alnico. Improved adhesives resulted in higher power handling.
- 604-8L = Same as K with new crossover network, hand-built for Altec Lansing Professional by Great Plains Audio, USA