

6AK7 / 6AG7 - Pentode, IF or Video Amplifier



6AK7 is one of the very few tubes registered in US by Canadian REL. Through WWII Research Enterprise Limited was the engineering and manufacturing arm of Canadian National Research Council, established to build optical devices, as binoculars and gunsights, and radar sets.

6AK7 was an improved variant of the RCA [6AG7](#) video amplifier, with greater transconductance and anode current raised to 20 mA. Micanol low-loss octal base with a metal ring connected to the metal body, to form a conductive RF path to chassis ground when using a special receptacle.

The tube was registered to REL in February 1944, record [363](#).

The sample in the photos above was made by Canadian Westinghouse and shows the double marking, 6AK7 / 6AG7.

