

# 120 Years of Electronic Music

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## NAVIGATION

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# the 'Clavier à Lampes' or ' " Piano Radio Électrique' Armand Givelet, France. 1927

Armand Givelet , an engineer and physicist at the radio laboratory at the Eiffel Tower in Paris produced his first instrument the 'Clavier à Lampes' in 1927 as a way of solving audio technical problems at the radio station. Because microphones of the time were of poor quality, it was impossible to record or broadcast decent quality sound. Givelet's response was to build an electronic organ that could be directly injected into the transmitter without using microphones. The resulting instrument, the 'Clavier à Lampes' was a monophonic keyboard instrument that used vacuum tube oscillator for the sound source.

## Sources

"1900-1935 L'aventure industrielle des frères Coupleux", by Olivier Carpentier.