

Vintage Audio Hardware

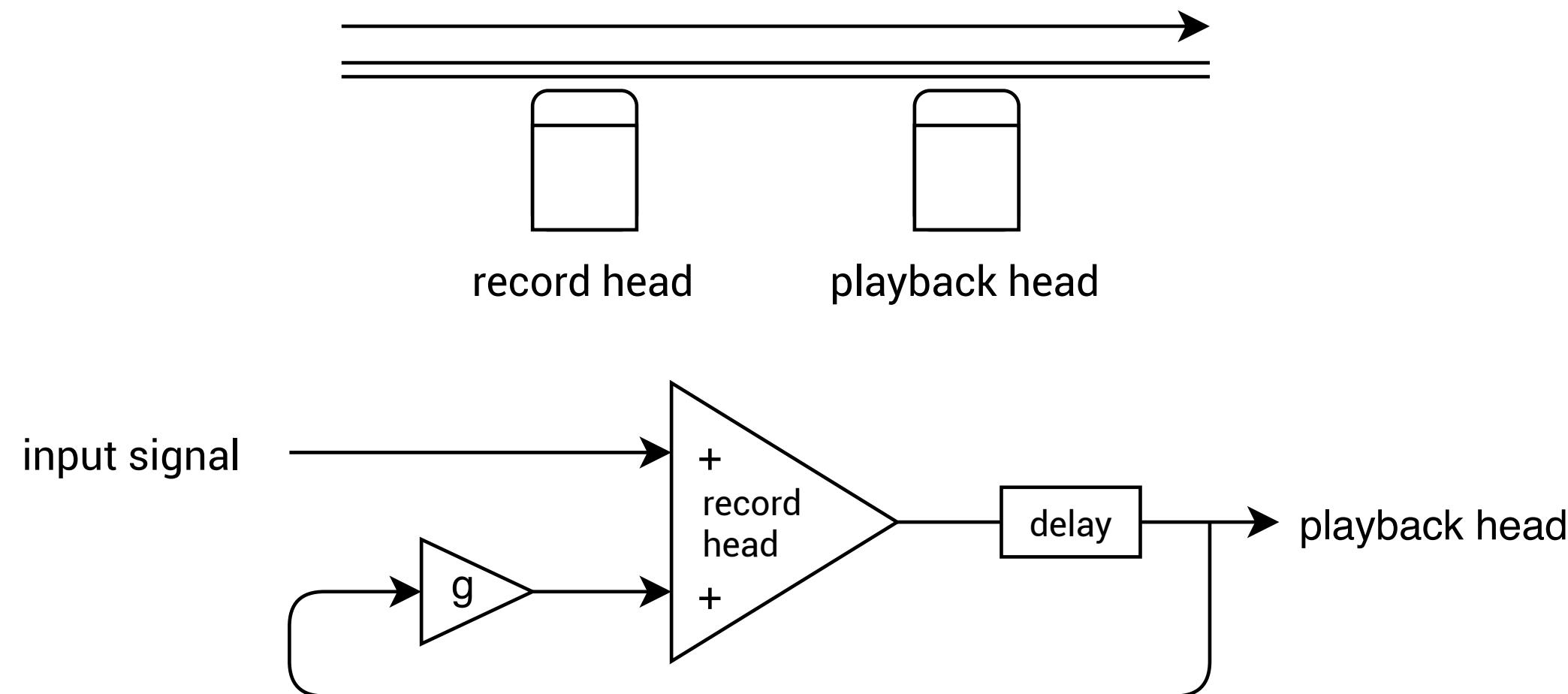
Tape delay, reverb, and mics

Spring 2019 - Audio Tech Talk Series

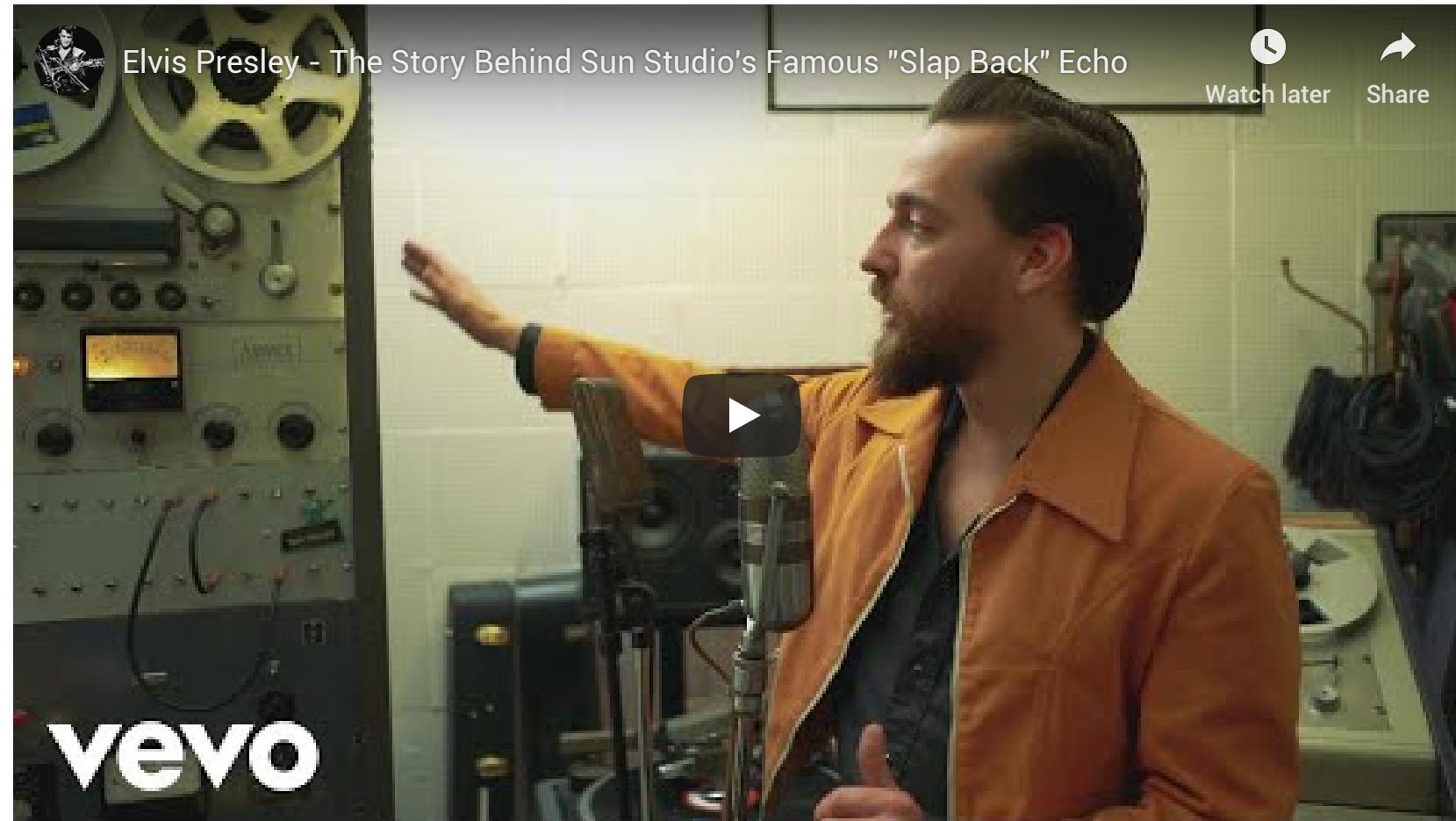
April 23, 2019

Tape Delay

Basic Theory



Early start



Sun Studios - 2 mics and 2 tape machines



Les Paul - Whispering (1951)

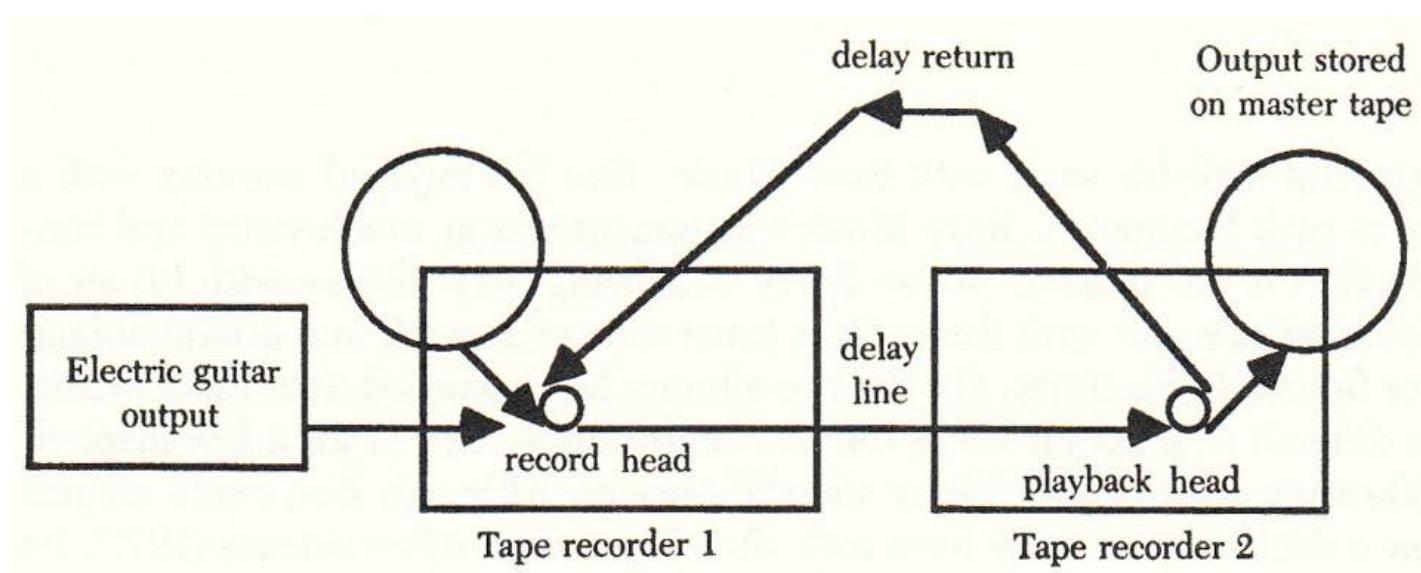


Elvis Presley - Blue Moon Of Kentucky (1954)



The Zombies - Time of the Season (1968)

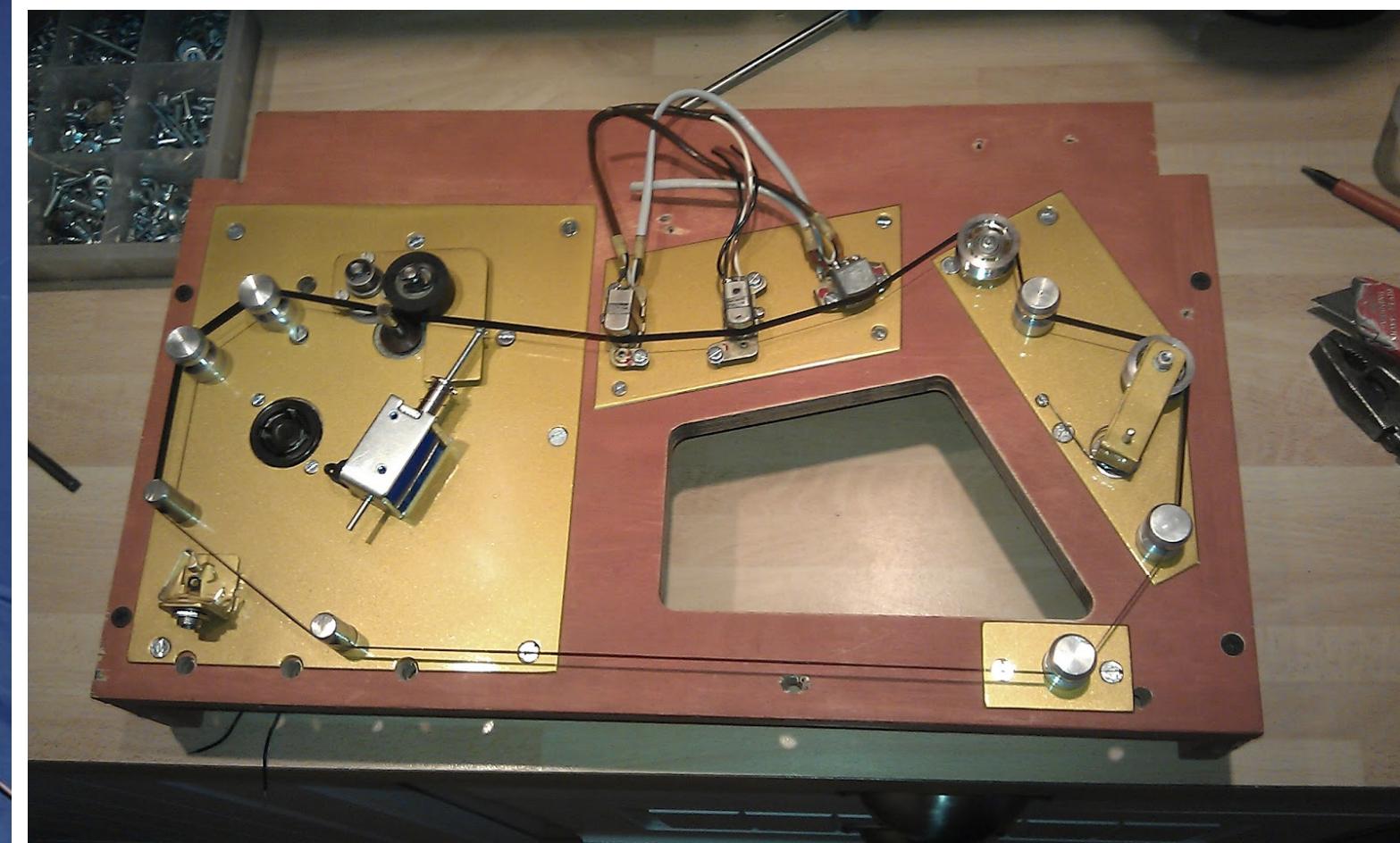
Extension





Robert Fripp - Frippertronics (1979)

EchoSonic by Ray Butts (1952)



Echoplex by Mike Battle (1959)

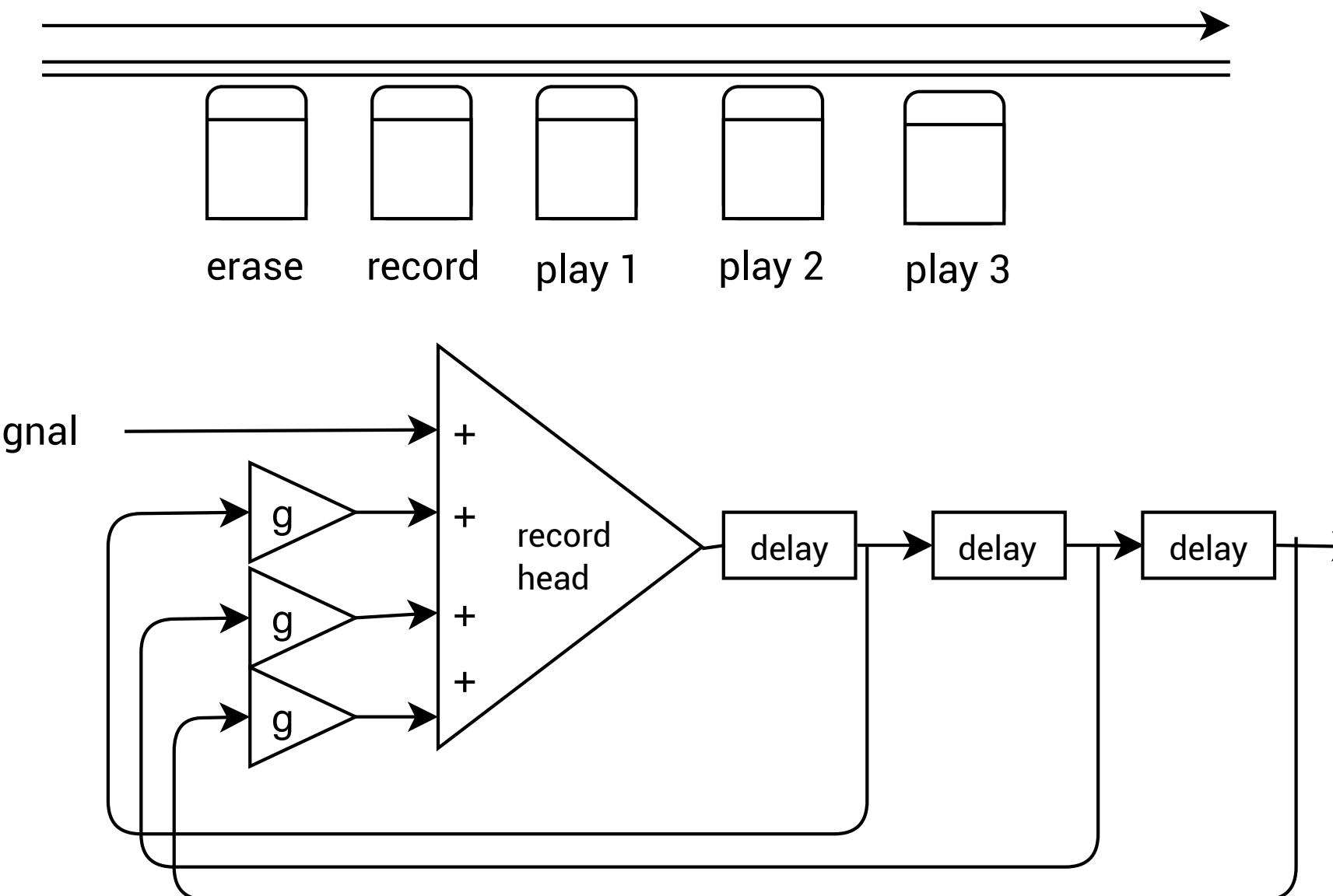


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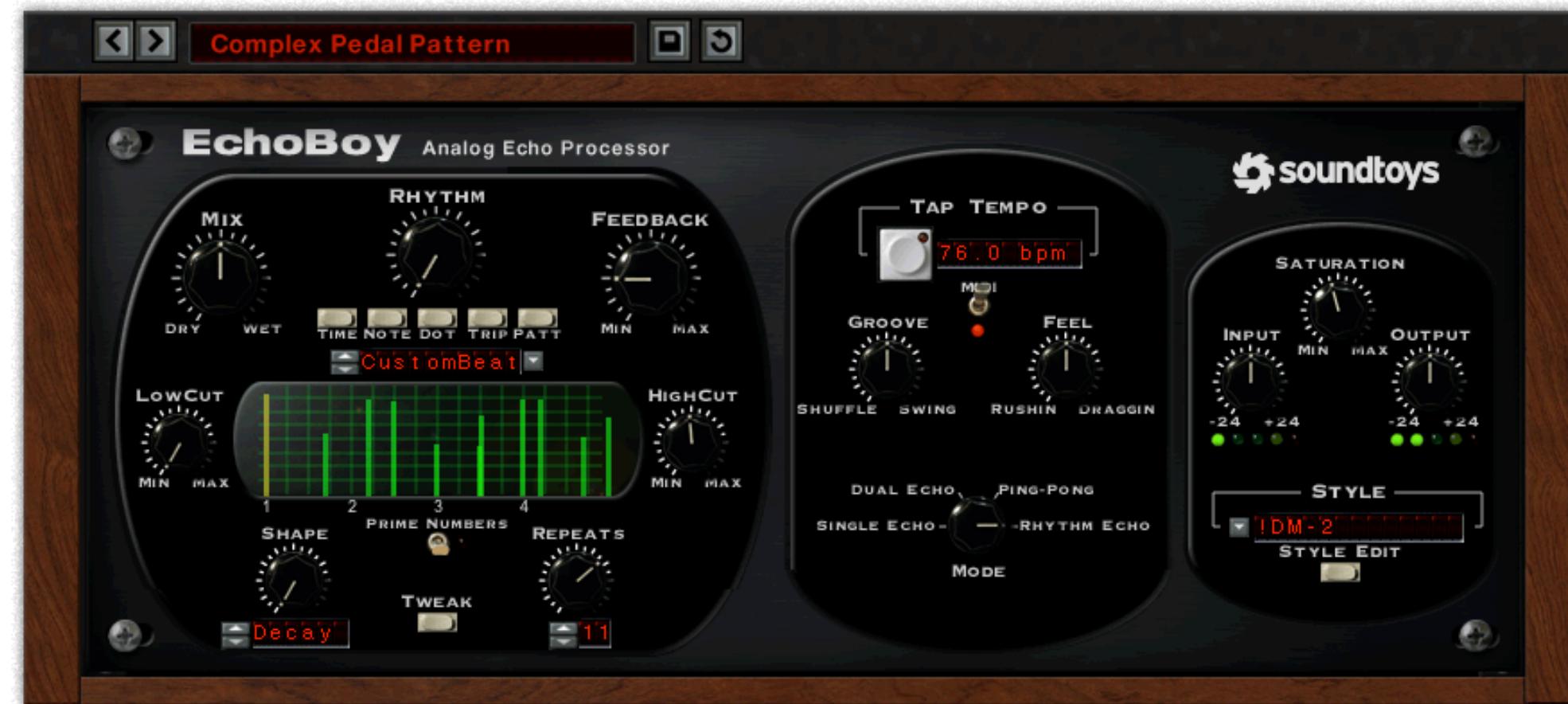
Space Echo by Roland (1973)



Complex tape delay

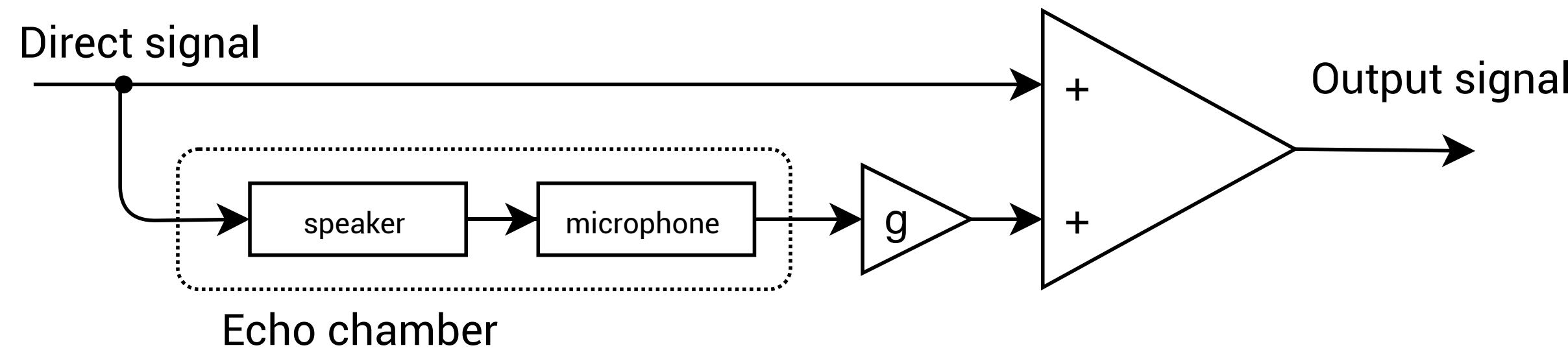


Echo Boy by soundtoys (2012)

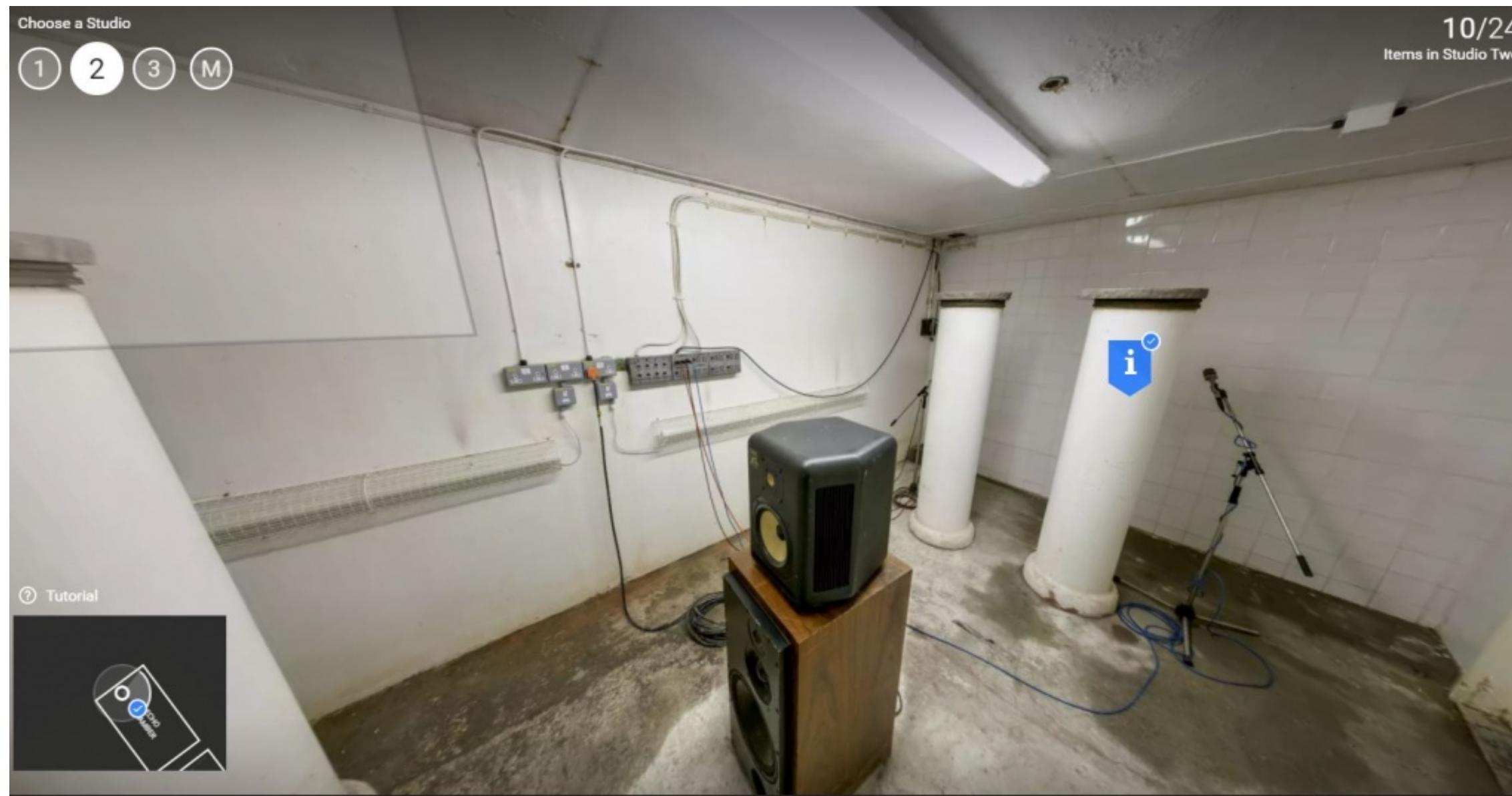


Reverberation

Echo Chamber



Abbey Road



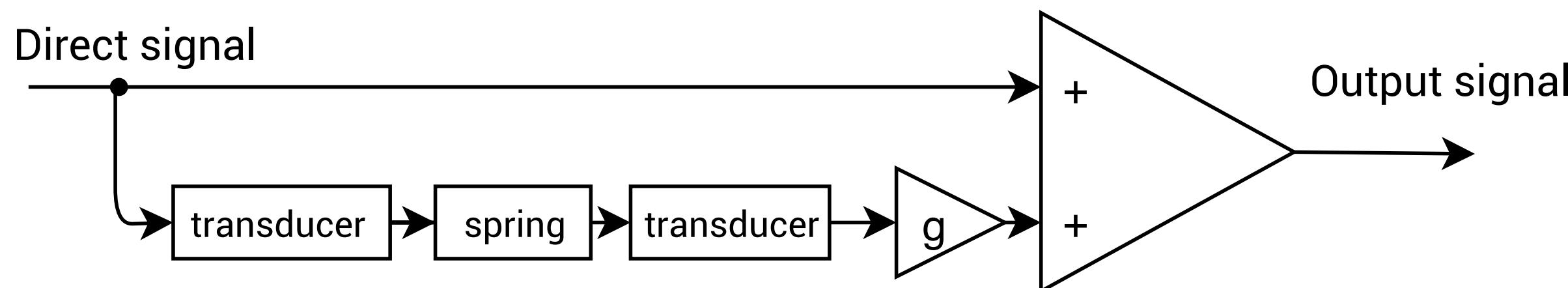


Sunset Sounds





Spring Reverb

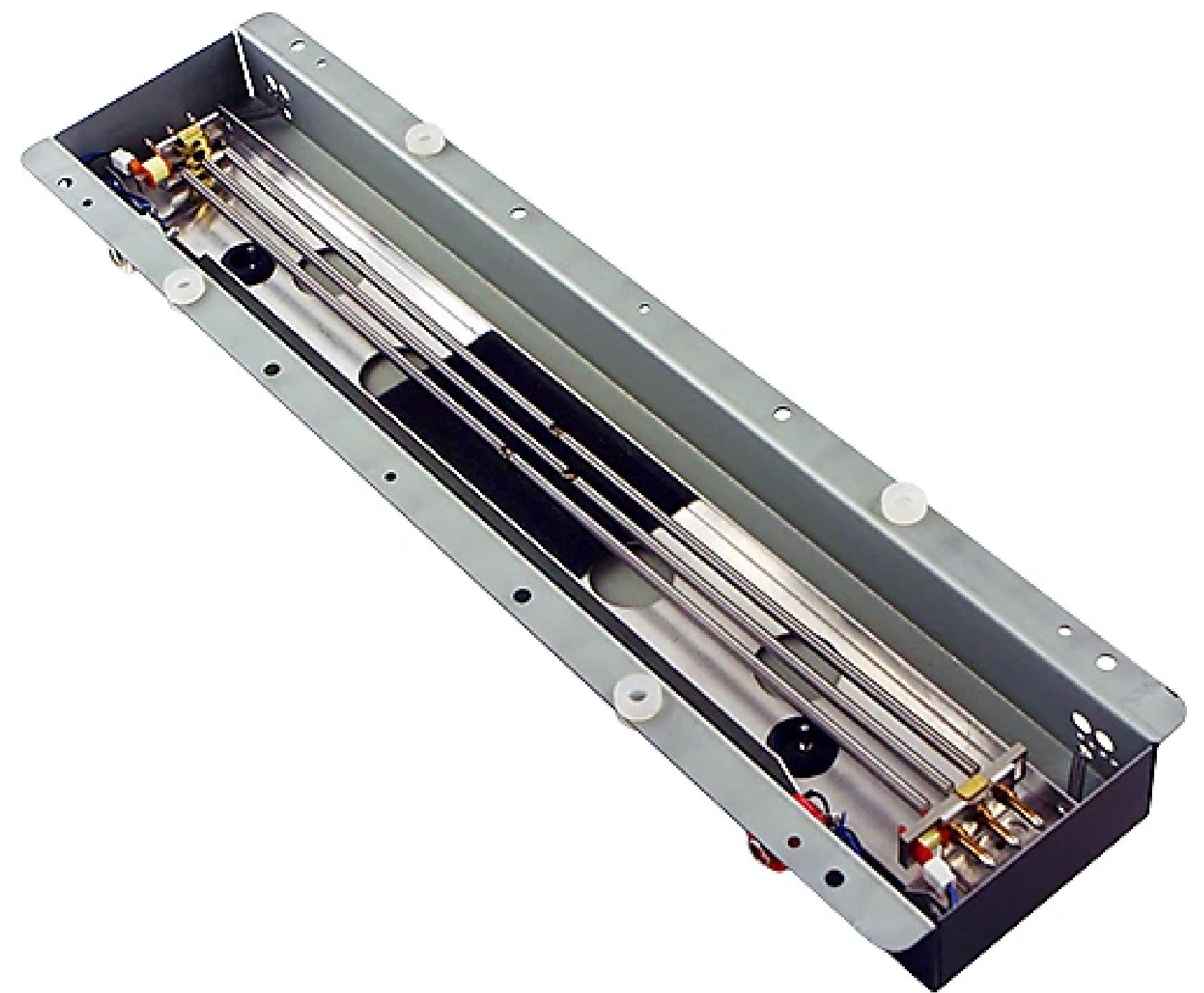


Hammond Organs (1932)



Ampeg Reverberocket (1961)



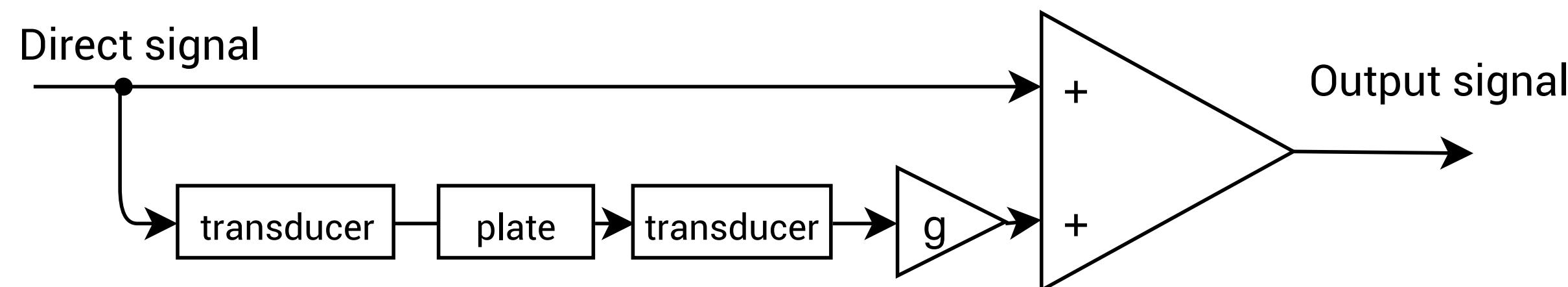


AKG BX20 (late 1960s)

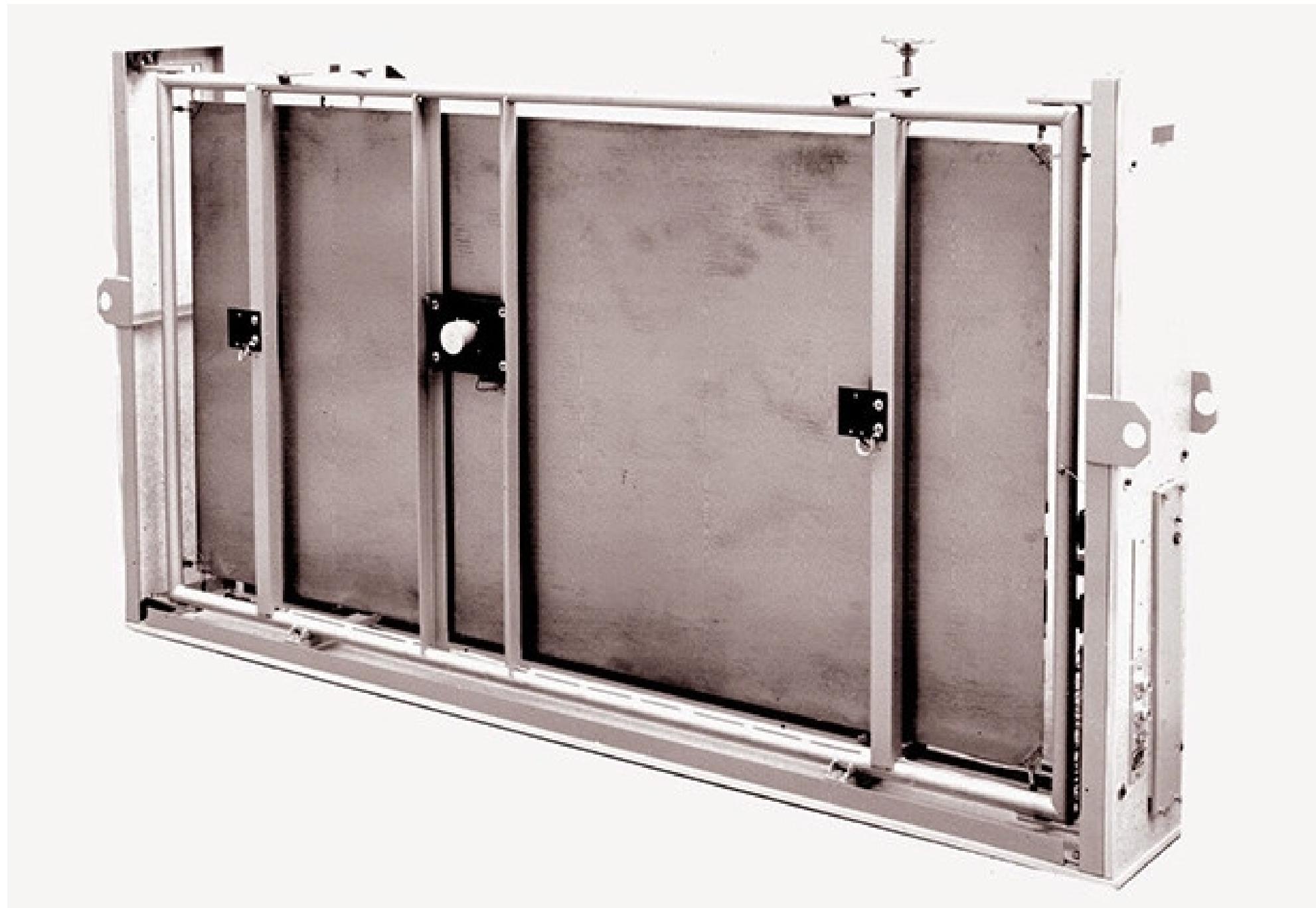




Plate Reverb



EMT 140 (1957)





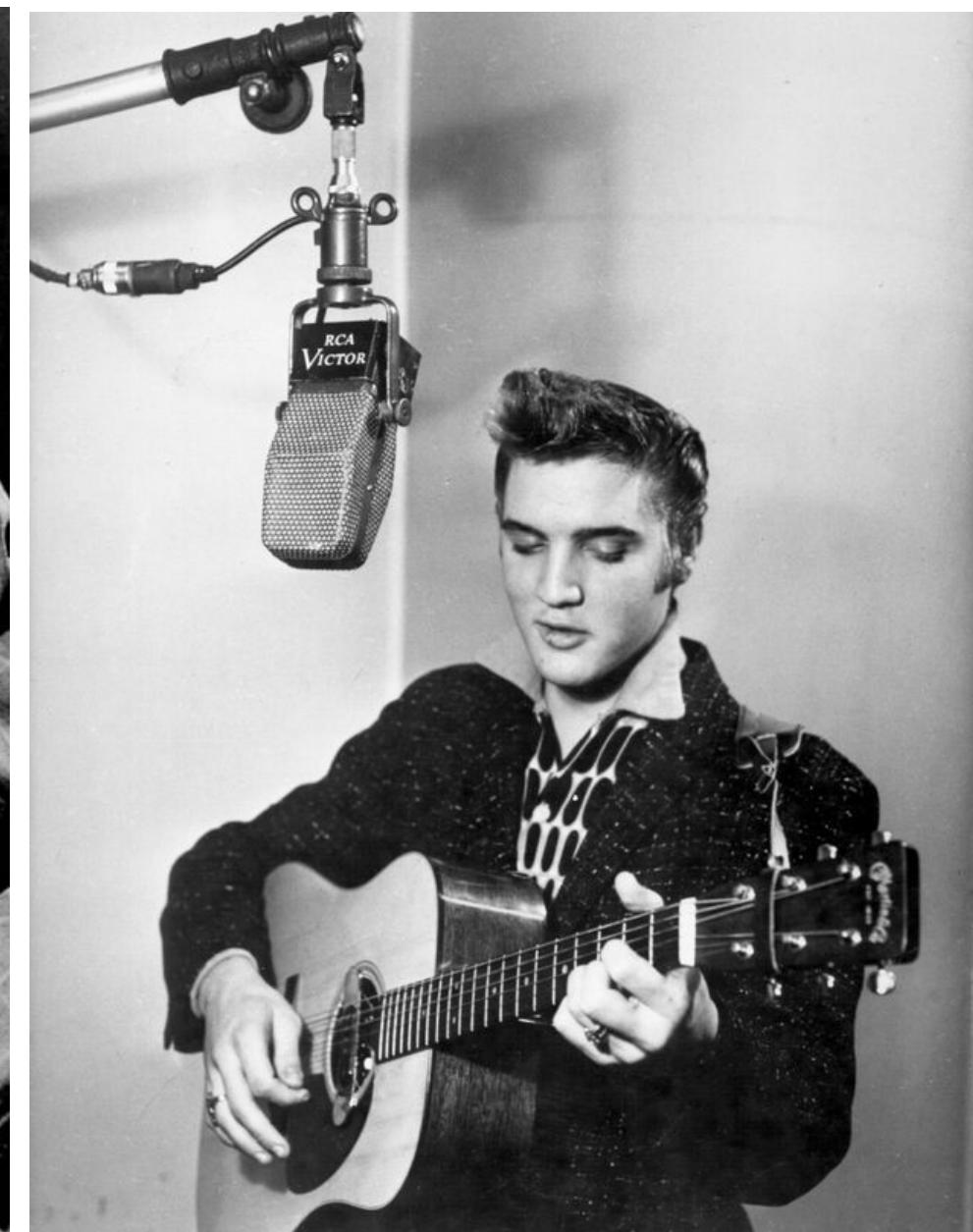


Microphones

RCA 44-BX

1932





Coles 4038

1950

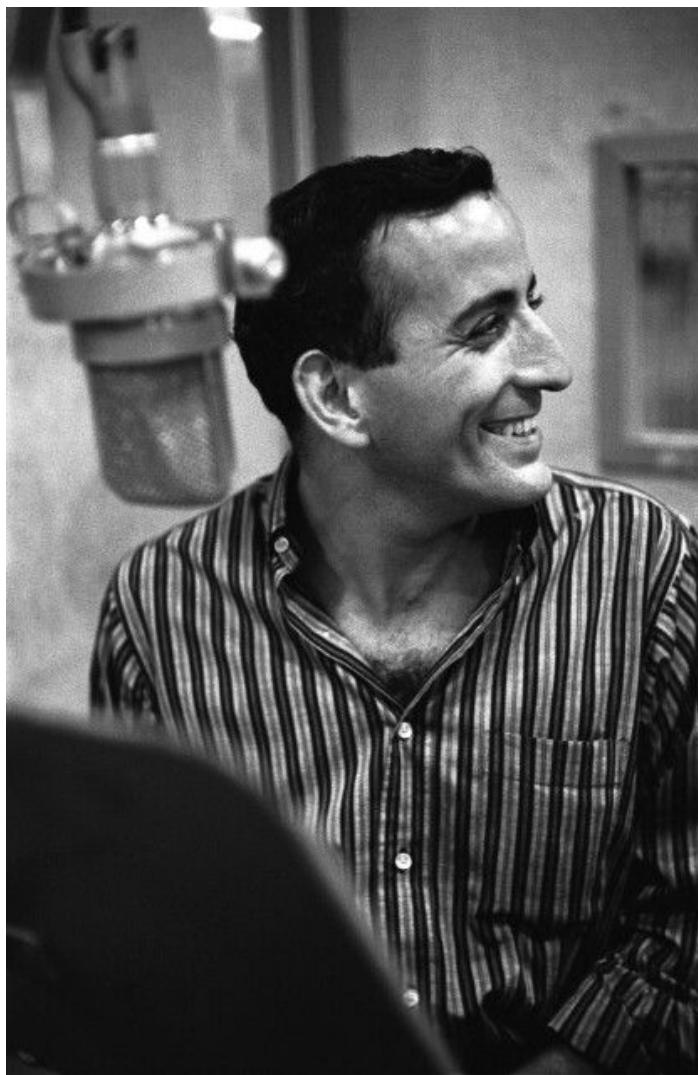




Neumann M49

1951





AKG C12

1953



