

# Sound Film

# Amplification & Synchronization

- Edison Kinetophone
- Gaumont Chronophone
- 1907 Audion tube
- Lee De Forest
- De Forest Phonofilm
- Optical sound on film

# A.T.&T.

Bell Labs

Western Electric

Microphones & Loudspeakers

Sound on Disk

# Warner Bros.

- Harry, Jack, Sam, & Al Warner
- Vitaphone
- DON JUAN, August 6, 1926
- Sound on disk
- Vitaphone music & effects
- 8 synchronized sound shorts
- THE JAZZ SINGER, October 6, 1927.
- Singing, music, effects & a talking scene
- 1928: THE SINGING FOOL -- \$3 film
- 1928: THE LIGHTS OF NEW YORK – first all talkie

# Hollywood & Sound

- 1927 Feb Big Five agreement
- ERPI (Electrical Research Products Inc.)
- 1928 Feb Majors sign with AT&T/Western Electric/ERPI
- 1928 – 220 Silent, 74 Sound  
1929 – 38 Silent, 252 Sound
- US Theaters wired for sound 1926-1931

# Fox Movietone

- Fox Case optical sound on film
- 1927 April 30 Movietone News premieres
- 1927 May 20 Lindbergh

# Radio

- 1895 Guglielmo Marconi 1874 -1937
- Wireless Telegraph – Point to point
- World War I – research, training, military use
- 1919 – Radio Corporation of America – RCA
- 1920 – KDKA Pittsburgh – First Broadcast Station
- 1922 – Toll (commercial) Broadcasting
- 1922 – Network Radio
- 1926 – RCA creates NBC Radio Network
- 1927 -- CBS Radio Network
- RCA, NBC & David Sarnoff 1891 - 1971

# R.K.O.

- RCA Photophone
- Optical sound on film
- FBO -- Kennedy's Film Booking Office
- Keith-Albee-Orpheum
- Radio Pictures

# 1929

- RCA RKO NBC – David Sarnoff
- Paramount Vitaphone CBS – Adolph Zukor
- Fox Loews-MGM First National
- Loew's Inc Pres. Nicholas Schenck
- 1929 October Stock Market crash
- The Big 5

Sound Changes in Production

Sound Changes in Exhibition

Early Sound Films

Early Sound Stars

Early Sound Genres – The Musical

Early Sound Genres – Gangster Films