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