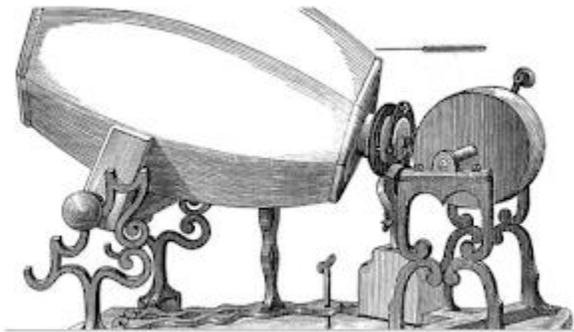


# Sound/Audio Recording technologies and mediums:

- 1: Phonograph using cylinder and a sound recording medium
- 2: Vinyl disc
- 3: Tape/Reel
- 4: Compact Cassette Tape
- 5: CD (Compact Disc Optical)
- 6: Chip/IC(Integrated Circuit) like Memory Card

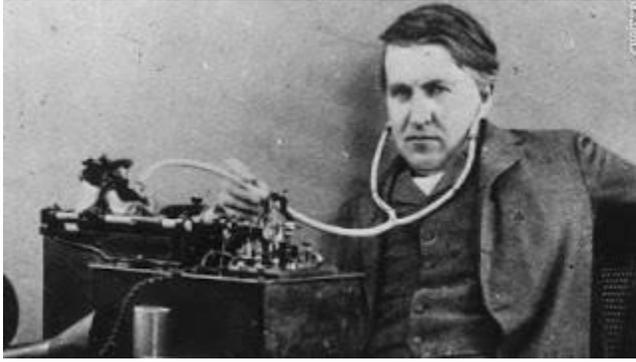
## 1. Phonograph using cylinder

On April 9, 1860 the French inventor Édouard-Léon Scott de Martinville created the first sound recording in history.



The **phonograph** was invented in 1877 by **Thomas Edison**. While other inventors had produced devices that could record **sounds**, **Edison's phonograph** was the first to be able to reproduce the recorded **sound**. His **phonograph** originally recorded **sound** onto a tinfoil sheet wrapped around a rotating cylinder.







Note: Watch this video to understand it well, Video by Thomas Edison Museum.  
<https://www.youtube.com/watch?v=CJXDtrq4McY>

## 2. Vinyl Records

Vinyl records have been delighting listeners and collectors since the 1900s. RCA Victor launched the first commercial vinyl long-playing record in 1930. The first vinyl discs were made for playback at 33 1/3 rpm and pressed onto 12" diameter flexible plastic discs.

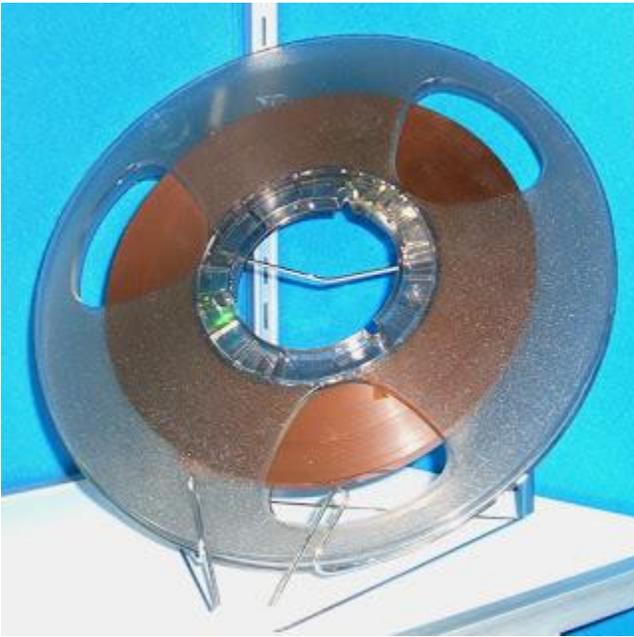






### 3:Tape/Reel Technology:

The **reel-to-reel** format was used in the earliest **tape recorders**, including the pioneering German-British Blattnerphone (1928) machines of the late 1920s which used steel **tape**, and the German Magnetophon machines of the 1930s. Originally, this format had no name, since all forms of magnetic **tape recorders** used it.



The player and recorder of reel tape is MAGNETOPHON



Magnetophon from a German radio station in World War II.

## 4: Cassette Tape:

The Compact Cassette, Compact Audio Cassette or Musicassette, also commonly called the cassette tape or simply tape or cassette, is an analog magnetic tape recording format for audio recording and playback. It was developed by Philips in Hasselt, Belgium, and introduced in September 1963 at the Berlin Radio Show.



From Cassettes to Donuts:...  
factmag.com



Free Vector Compact Audi...  
fuzzimo.com



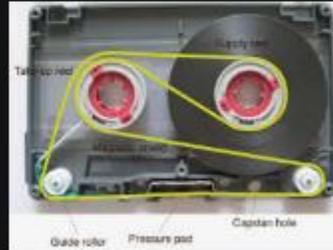
A stroll down memory lane...  
arseforums.com



An old TDK D90 cassette t...  
alamy.com



Audio Cassette Tapes Ren...  
southernliving.com



Wonders of the cassette t...  
ofsoundmind.wordpress.com



lofi » BRET BRET  
bret.bar



Beat Tape Tuesday! – halo...  
halodoesntsuck.com



Nostalgia vs. Technology: ...  
noiseaddicts.com



Detailed Retro C90 Audio ...  
123rf.com



Cassette to digital service  
digitiscans.com



Best version of TDK 'D' an...  
tapeheads.net



## 5: Compact disc or CD

**Compact disc (CD)** is a digital optical **disc** data storage format that was co-developed by Philips and Sony and released in 1982. The format was originally developed to store and play only sound recordings (**CD-DA**) but was later adapted for storage of data (**CD-ROM**).



## **6: IC/Chip Recorder**

