

# Research

When I picture a turntable I think of the new age sound systems that I see in the clubs that are used to mash 6 different songs together at once. But a turntable 40 years ago meant something so much different, It was a work of art... it was a luxury... it was something simple that connected anyone and everyone together.

## Anatomy of the Turntable:

The basic turntable consists of a

- Plinth
- Spindle
- Tone arm
- Counterweight
- Platter mat
- Head shell
- Needle
- Cartridge

## How a turntable works:

The vinyl record is placed upon the revolving platter. As the record revolves, the stylus bumps up and down within the groove, sending its vibrations along metal wires within the tone arm and into the cartridge. The cartridge converts these vibrations into an electrical current using a magnetic field. This current is sent into the preamp, which boosts the signal on its way to the speaker. When the amplified current hits the speaker.

- Klipsch.com / record player.

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