

## OPERATIONAL DESCRIPTION

The principle of signal reading is quite simple; signals are read base on the differences is the amount of reflection when laser light (weaker than the write laser) strikes a “pit” on the surface of the disc versus a “land” The laser beam is reflected when the light falls onto the land is diffused when the light falls onto the mark. These differences are converted into digital from before being processed into original signals.

The high transformer of working principle when supply DC12V to circuit of the transistor Q601 Q602 and C601 with RF converter to generation of frequency about 24kHz RF oscillation though the RF converter to coupling to produce of the high voltage about 1200V from RF converter to the secondary through circuit with capacitor C602 C603 output to neon tube.