

“TRAINER POWER AMPLIFIER OCL(*Ouput Capacitor Less*)”

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Intisari

Tugas akhir ini dibuat sebagai instrumen praktikum baik alat maupun modul praktikum audio dan video yang menjadi alasan penyusun tugas akhir. Tugas akhir ini bertujuan untuk membuat Trainer Power Amplifier Ocl(Output Capacitor Less).

Power amplifier merupakan bagian system tata suara yang berfungsi sebagai penguat sinyal audio. Power amplifier ini terdiri dari beberapa jenis yaitu : Power amplifier OT (Output Transformer), Power Amplifier OTL (Output Transformer Less), Power amplifier OCL (Output Capacitor Less), dan Power amplifier BTL (Bridge Transformer Less).

Trainer power amplifier ini terdiri dari beberapa bagian yaitu Power suplay, Pengatur nada, Driver, Protektor, dan Speaker. Sehingga berdasarkan pengujian yang telah dilakukan diperoleh hasil yaitu trainer bekerja sesuai dengan yang diharapkan dengan penguatan audio 10000.

Kata kunci: Power amplifier OCL (*Ouput Capacitor Less*).

ABSTRACT

This final task is made as praktikum's instrument well praktikum's tool and also module audio and video that becomes final task compiler reason. This final task aims to make Trainer Power Ocl's Amplifier (Output Capacitor Less).

Power is amplifier constitutes a part system functioning sound system as substantiating as audio signal. Power is this amplifier consisting of some types which is: Power is OT's amplifier (Output Transformer), Power is OTL'S Amplifier (Output Transformer Less), Power is OCL'S amplifier (Output Capacitor Less), and Power Is BTL'S amplifier (Transformer Less's bridge).

Trainer power is this amplifier consisting of some part which is Power Suplay, Toned regulator, Driver, Protektor, and Speaker. sehingga bases examination already be done acquired yielding which is trainer works to correspond to that expected with audio support 10000.

Keywords: Power Amplifier OCL (*Ouput Capacitor Less*).