Linear Audio
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Introduction amplifier circuit design program

Purpose

The purpose of the program is to transfer electronics design knowledge, especially related to the design of amplifier and power supply circuits (PSU). More specifically, calculating circuits, dimensioning and selecting passive and active parts, both solid state and tubes. Verifying the performance of circuits with measuring equipment. Principles of troubleshooting and diagnosing defects.
The program is structured in 'packages' of two half-days on consecutive days. The proposal for the first package is as listed below. Subsequent packages will be designed in mutual consultation and according to need.

Pakket 1

Subject	Description	Support
Review	Existing knowledge, needs and wishes.	-.-
Choice and preference of technology	Solid state, tubes and combinations.	-.-
Power Supply	Design parameters, ripple, output impedance.	
Amplification	Input, output impedance, gain, linear and non-linear distortion.	
Test and measurement	Relevant measurements, interpretation of results, required instrumentation.	-.-
Fault finding and diagnosing	Logical approach to fault finding and diagnosing.	-.-
Requirements for follow-up and Any Other Business		-.-

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