

# UPGRADEABLE PC AUDIO SYSTEM

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## ABSTRACT

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This report presents the design and construction of an upgradable PC audio system with pre-amplifier and surrounds sound. The audio system consists of a power supply, a pre-amplifier and a surround sound. The specification of the amplifier is  $\pm 15V$  and some of the extra features like surround sound. This report documents the design and implementation issues of the audio amplifier: the design and testing of each part using a breadboard prototype, the actual implementation on a printed circuit board, the cascading of the 3 parts and the presentation of the final working cascaded circuit.