

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DIGITAL SOUND/VIDEO IN AUDIO/VISUAL INDUSTRY

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SUMMARY

Digital Sound / Video in Audio / Visual Industry by Achillea Achilleos.

This project refers to investigations and tests of various types of digital sound. For this project we took some tests for the audio output signal of digital and analog devices.

There are two parts that compromise this project; the theoretical part that talks about various surround systems digital and also analog that you can find in market. The practical part in this project it was very difficult to be achieved. Our efforts to obtain information about Dolby Digital ICs in order to construct a device that performs "5.1-channel" output turn out to be hopeless. So for the practical part of the project we turned to some tests taken from constructed devices.

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