

**DESIGN OF THE CENTRAL ANTENNA
AND SOUND DISTRIBUTION SYSTEM
OF A HALL OF RESIDENCE**

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SUMMARY

Design of the Central Antenna and Sound Distribution of a Halls of Residence

(By Elena Liatsou)

This project deals with the design of the Central Antenna and Sound Distribution System of a Hall of Residence.

Each system design includes general theoretical explanations followed by the actual practical suggestions.

The work was carried out with reference to the building plans provided and according to the relevant for each system regulations.

The following facilities are provided:

- (a) Central antenna system - VHF Band III , - UHF Band IV and V channels using the same distribution network with fixed antennas.
- (b) Sound distribution system paging , AM and FM radio program, tape recorder program and a record player program.

The design is completed by the selection of the proper equipment and finally costing and full specification of all items used throughout the design, is provided.

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