

DESIGN OF THE CENTRAL ANTENNA
AND SOUND DISTRIBUTION SYSTEM OF A HOTEL

Project Report submitted by:

Neophytos Morphis

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Design of the central antenna and sound distribution system of a hotel.

(By Neophytos Morphis)

This project deals with the design of the central antenna and sound distribution system of a hotel.

The project includes general theoretical points on both the central antenna and sound distribution systems, followed by the actual designs.

The actual designs were carried out with reference to the building plans provided and conform with the internationally accepted standards.

The following facilities are provided:-

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

Finally, costing and full specification of all items used throughout the installation (design) is provided.

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