

CONTROL DESK FOR HANDBALL GAMES

by

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Project Report

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SUMMARY

This project deals with the design, construction and testing of a prototype control desk and scoreboard (mini size), for use in Handball Games.

This control desk consists of integrated circuits and other discrete electronic components.

The project includes a study of different types of scoreboards available and techniques used, suggestion of a prototype model, design of a clock circuit, design of a score counting circuit, design of a two minutes punishment counting circuit and design of a keyboard encoding circuit. Also it includes a design of a power supply circuit, design of a pulse generating circuit, design of a monostable buzzer circuit and determination of the cost to be within the limits.

Because this design overcomes the limits the design of a smaller prototype was done to be within the limits.

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