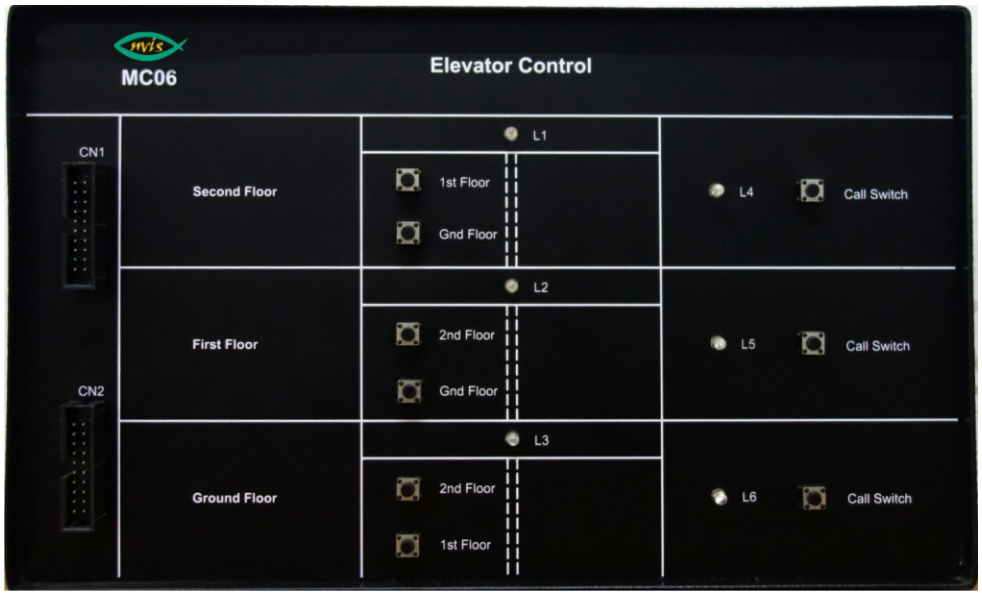
Elevator Control module

MC06



Elevator control module MC06 enables the students and practicing engineers to gain invaluable practical experience of the principles and application of Elevator and Microcontroller.

The object is to connect and program an external controller to monitor and control the Elevator system.

Elevator control module is shown with the help of switches and LEDs. MC06 is connected with Nvis Microcontroller development platforms. Three floors are shown on board. Switches are used to call and go to the desired floor. LEDs indicate the floor on which the elevator is present. The Elevator module is made in such a way that students can understand how elevators can be controlled by Microcontroller and also get familiar with inputs and outputs of a Microcontroller.

Features

- Elevator interface
- PC based programming
- Expansion connectors for plug in with Microcontroller unit and prototyping area
- Every pin is marked in order to make the learning easier
- Input/Output & test points provided on board

Note :

- This module is compatible with Scientech 620X Series and Nvis 5001A/2/3/4A/5 Series Microcontroller development platform.
- To run MC06 module with Nvis 5004, Add-on board is required.

Scope of Learning

- Study of Elevator mechanism
- Study and analyze the interfacing of switches
- Study and analyze the interfacing of LED's.

Technical Specifications

LEDs	:	6 nos.
Switches	:	9 nos.
Power Supply	:	From Scientech 620X Series and Nvis 500X Series Microcontroller development platform
Interface	:	20 pin FRC cable
Dimensions (mm)	:	W 250 x D 150 x H 80
Weight	:	311 gms (approx.)

Subject to change - Version 2.0

Designed and Manufactured in India by -

Nvis Technologies Pvt. Ltd.

141-A, Electronic Complex, Pardesipura, Indore-452010, India.

✆ +91-731-4211500, ✉ info@nvistech.com, 🌐 www.NvisTech.com