

# USER MANUEL FOR DIGIMOD

There are three main parts in DIGIMOD main window. The tool bar, the canvas and the symbol table.

## Tool Bar

The main menu of the program is on the tool bar. Let's have a look at the functions of the main menu elements.

### File:

- New: This item used for creating an empty new canvas to work on it.
- Open: This item opens an open dialog to load a previously saved file.
- Close: This item closes current canvas.
- Save: This item opens a save dialog for saving current design.
- Save As: This item allows you to save a previously saved file with a different name or format.
- Save As Macro: This item allows you to save your design as a new circuit element and add it to the library for future use.
- Print: This item consists of four sub-items as follows;
  - Print
  - Print as PS
  - Print as PDF
  - Print as JPEG
- Exit: Closes the program.

### Edit:

- Undo: Undoes the last action performed on the canvas.
- Redo: Redoes the last undone action.
- Cut: Cuts the selection from the canvas
- Copy: Copies the selection on the canvas
- Paste: Pastes the circuit part from clipboard to canvas
- Delete: Deletes the selection from canvas

#### View:

- Zoom In: Zooms into the circuit.
- Zoom Out: Zooms out from the circuit.

#### Tools:

- Library: Opens the library for inserting elements that are not available in the tool bar.

#### Help:

- Help Topics: Opens the help document of the program.
- About: Gives information about program and developers.

In addition to main menu there are also buttons available on the tool bar.



: This item used for creating an empty new canvas to work on it.



: This item opens an open dialog to load a previously saved file.



: This item opens a save dialog for saving current design.



: This button used for printing.



: Cut button.



: Copy button.



: Paste button.



: Delete button.



: Zoom In.



: Zoom Out.

After above buttons, there are several circuit elements which are the most generally used ones in digital circuits;



: Two input AND Gate

	:	Two input OR Gate
	:	NOT Gate (Inverter)
	:	Two input NAND Gate
	:	Two input Nor Gate
	:	Two input XOR Gate (Exclusive OR)
	:	LED (used for output)
	:	This button is used to make wires cornered
	:	Group multiple selected circuit elements.
	:	Ungroup grouped circuit elements.
	:	Switch (used for input)

Below the tool bar there is canvas on the right and symbol table on the left hand side.

### **Symbol Table**

Symbol table has the list of gates used in the simulation. When you select a gate from the table, its picture and description appears below the list. This table is used for quick access to circuit elements. Also a search option is available under the symbols menu for quick finding of an element.

### **Canvas**

Canvas is the place where all drawing and simulation take place.