

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.