

## 2D Shape Drawer User Manual

### Keyboard Controls:

#### Shape Selection:

- Press 1 to select a Triangle.
- Press 2 to select an Oval.
- Press 3 to select a Circle.
- Press 4 to select a Trapezium.
- Press 5 to select a Square.
- Press 6 to select a Parallelogram.
- Press 7 to select a Pentagon.
- Press 8 to select a Hexagon.
- Press 9 to select a Heptagon.
- Press 0 to select an Octagon.

#### Transformation:

- Press W to translate up.
- Press S to translate down.
- Press A to translate left.
- Press D to translate right.

#### Rotation:

- Press E to rotate clockwise.
- Press R to rotate counter-clockwise.

#### Scaling:

- Press F to scale up.
- Press G to scale down.

#### Colour:

- Press C to cycle through colours.

#### Line Mode:

- Press V to toggle between line and fill mode.

#### Circular Path:

- Press Z to enable circular path movement.

#### Line Size:

- Press T to increase line size.
- Press Y to decrease line size.

#### Exit:

- Press X to exit the program.

#### Note:

- Use the Arrow Keys to move the shapes around the window.
- Use the Mouse Scroll Wheel to zoom in/out.