CLAIMS

1. An input device comprising:

a housing comprising an upper housing surface and a bottom housing surface, opposite the upper housing surface, wherein the bottom housing surface comprises an actuator opening;

a plurality of buttons; and

an actuator configured to rotate the plurality of buttons relative to the housing;

wherein the plurality of buttons is positioned on a side of the housing;

wherein the actuator is positioned at a bottom of the housing such that the actuator is operable from the actuator opening of the bottom housing surface;

wherein the plurality of buttons are provided on a dial;

wherein the actuator comprises a rotational wheel;

wherein the actuator is connected to an axis of the dial; and

wherein the actuator is fixed to the plurality of buttons.

2. The input device of claim 1,

wherein the actuator is operable from outside of the housing.

3. The input device of claim 1,

wherein the rotational wheel is connected to the plurality of buttons via an assembly holder.

4. The input device of claim 1,

wherein the rotational wheel is connected to the plurality of buttons via a printed circuit board assembly.

5. The input device of claim 1,

wherein the rotational wheel is connected to the plurality of buttons via a button shaft.

6. The input device of claim 1,

wherein the input device is a mouse.

7. The input device of claim 1, further comprising

a switch configured to displace or rotate the plurality of buttons.

8. The input device of claim 1,

wherein plurality of buttons are configured to rotate about a rotational axis of the actuator.

9. A mouse comprising:

a housing having a sidewall and a bottom surface;

a plurality of buttons disposed on the sidewall to form a circle such that the plurality of buttons are configured to rotate around a rotational axis of the circle; and

a rotational wheel configured to rotate about the rotational axis to actuate the plurality of buttons;

wherein the rotational wheel is positioned inside the housing of the mouse and a portion of the rotational wheel is exposed at the bottom surface via an opening such that the rotational wheel is rotatable by a force applied on the rotational wheel via the opening, to rotate the plurality of buttons, without exerting a force on the plurality of buttons.

10. The mouse of claim 9,

wherein the rotational wheel is connected to the plurality of buttons via an assembly holder.

11. The mouse of claim 9,

wherein the rotational wheel is connected to the plurality of buttons via a printed circuit board assembly.

12. The mouse of claim 9,

wherein the rotational wheel is connected to the plurality of buttons via a button shaft.

13. The mouse of claim 9, further comprising

a switch configured to displace or rotate the plurality of buttons.

14. A mouse comprising:

a housing having a base and a sidewall extending from the base;

a plurality of buttons positioned on the sidewall; and

a rotational wheel positioned inside the housing, the rotational wheel fixed to the plurality of buttons such that a rotation of the rotational wheel causes a corresponding rotation of the plurality of buttons;

wherein the base comprises an opening; and

wherein the rotational wheel is rotatable from the opening of the base.

15. The mouse of claim 14,

wherein the rotational wheel is connected to the plurality of buttons via an assembly holder.

16. The mouse of claim 14,

wherein the rotational wheel is connected to the plurality of buttons via a printed circuit board assembly.

17. The mouse of claim 14,

wherein the rotational wheel is connected to the plurality of buttons via a button shaft.

18. The mouse of claim 14, further comprising

a switch configured to displace or rotate the plurality of buttons.

19. The mouse of claim 14,

wherein plurality of buttons are configured to rotate about a rotational axis of the rotational wheel.