

9. The portable electronic device of claim 1, wherein the plurality of mode based actuators further comprises a circular directional switch device.

10. The portable electronic device of claim 9, wherein the circular directional switch device comprises a plurality of directional arrows.

11. The portable electronic device of claim 10, wherein the plurality of directional arrows comprise at least an up arrow, a down arrow, a right arrow, and a left arrow.

12. The portable electronic device of claim 10, wherein the circular directional switch device further comprises a select actuator.

13. The portable electronic device of claim 12, wherein the select actuator is centrally disposed in the circular directional switch device.

14. The portable electronic device of claim 9, wherein when the segmented optical shutter device is in a third state, both the curved scroll device and the circular directional switch device are presented on a dynamic user interface surface, wherein the circular directional switch device is presented in an area circumscribed by the curved scroll device.

15. The portable electronic device of claim 14, wherein the plurality of mode based actuators further comprises a multimedia control actuator set comprising at least a play actuator, a fast forward actuator, and a rewind actuator, wherein when the segmented optical shutter device is in the third state, the fast forward actuator and the rewind actuator are presented atop the curved scroll device.

16. The portable electronic device of claim 14, wherein the plurality of mode based actuators further comprises a multimedia control actuator set comprising at least a play actuator, a fast forward actuator, and a rewind actuator, wherein when the segmented optical shutter device is in the third state, the fast forward actuator and the rewind actuator are presented in a region disposed outside a perimeter of the curved scroll device.

17. The portable electronic device of claim 1, wherein the plurality of mode based actuators further comprises a multimedia control actuator set comprising at least a play actuator, a fast forward actuator, and a rewind actuator.

18. The portable electronic device of claim 17, wherein when the segmented optical shutter device is in a second state, both the curved scroll device and the multimedia control actuator set are presented on a dynamic user interface surface.

19. The portable electronic device of claim 18, wherein the multimedia control actuator set is presented atop the curved scroll device.

20. The portable electronic device of claim 18, wherein the multimedia control actuator set is presented in a region disposed outside a perimeter of the curved scroll device.

21. The portable electronic device of claim 18, wherein the plurality of mode based actuators further comprises a circular directional switch device, wherein when the segmented optical shutter device is in the second state, the circular directional switch device is presented in an area circumscribed by the curved scroll device.

22. The portable electronic device of claim 1, wherein the plurality of mode based actuators further comprise a send key and an end key.

23. The portable electronic device of claim 1, wherein the curved scroll device comprises a semi-circle, further comprising a second semicircular actuator concentrically aligned with the curved scroll device.

24. The portable electronic device of claim 23, wherein when the segmented optical shutter device is in a second state, both the curved scroll device and the second semicircular actuator are presented on a dynamic user interface surface.

25. The portable electronic device of claim 1, wherein the plurality of mode based actuators further comprises at least one tactile key, wherein when the segmented optical shutter device is in a second state both the curved scroll device and a tactile key are presented on a dynamic user interface surface, wherein the tactile key is presented centrally relative to the curved scroll device.

26. A multimodal electronic device comprising a shutter enabled dynamic keypad for presenting one of a plurality of keypad configurations to a user, wherein each keypad configuration comprises at least a semicircular scroll device and at least one actuation target presented in an area circumscribed by the semicircular scroll device, wherein the each keypad configuration is limited to those keys needed for a mode of operation of the multimodal electronic device, wherein each keypad configuration presented changes with an active mode of the multimodal electronic device.

27. The multimodal electronic device of claim 26, wherein the mode of operation is a voice communication mode.

28. The multimodal electronic device of claim 27, wherein the at least one actuation target comprises a 12-character telephone keypad.

29. The multimodal electronic device of claim 26, wherein the mode of operation is an idle mode, wherein when the multimodal electronic device is in the idle mode, the shutter enabled dynamic keypad is blank.

30. The multimodal electronic device of claim 26, wherein the mode of operation is a gaming mode, wherein the at least one actuation target comprises a circular directional switch device.

31. The multimodal electronic device of claim 26, wherein the mode of operation is a navigation mode, wherein the at least one actuation target comprises a circular directional switch device.

32. The multimodal electronic device of claim 26, wherein the mode of operation is a media player mode, wherein the one of the plurality of keypad configurations comprises a play actuation key, a fast forward actuation key and a rewind actuation key.

33. The multimodal electronic device of claim 32, wherein at least one of the play actuation key, the fast forward actuation key, or the rewind actuation key is presented atop the curved scroll device.

34. The multimodal electronic device of claim 26, further comprising a proximity sensor, wherein when the multimodal electronic device is in an idle mode, the idle mode of the multimodal electronic device is changed upon the proximity sensor detecting an object within a predetermined distance of the multimodal electronic device.

35. The multimodal electronic device of claim 34, wherein the predetermined distance is less than 5 millimeters.

36. The multimodal electronic device of claim 26, wherein the multimodal electronic device further comprises a high resolution display and a proximity sensor, wherein when the multimodal electronic device is in a voice communication mode, the high resolution display transitions to a low power mode when the proximity sensor detects an object within a predetermined distance of the high resolution display.