

CLAIMS

1. A device comprising:
a switch;
a memory configured to store information indicating a debounce time;
a switch closed determination circuit configured to determine whether the switch is depressed based on the debounce time; and
an age compensation circuit configured to update the debounce time based on an age of the device.
2. The device of claim 1,
wherein the switched closed determination circuit is configured to determine multiple activations of the switch within the debounce time as a single activation.
3. The device of claim 1,
wherein the switched closed determination circuit is configured to disregard subsequent activations of the switch within the debounce time after an initial activation of the switch.
4. The device of claim 1,
wherein the age of the device comprises a time since first operation of the device.
5. The device of claim 4,
wherein the age compensation circuit is configured to update the debounce time if the time since first operation of the device is higher than a usage time threshold.
6. The device of claim 1,
wherein the age of the device comprises a number of activations of the switch.

7. The device of claim 6,
wherein the age compensation circuit is configured to update the debounce time if number of activations of the switch is higher than a activation number threshold.
8. The device of claim 1,
wherein the age compensation circuit configured to update the debounce time based on an age of the device to a pre-determined updated debounce time.
9. The device of claim 1,
wherein the age compensation circuit configured to update the debounce time based on an age of the device to an updated debounce time provided via a network connection.
10. The device of claim 1,
wherein, after the age compensation circuit has updated the debounce time to an updated debounce time, the switch closed determination circuit is configured to determine whether the switch is depressed based on the updated debounce time.
11. A method for controlling a device, the method comprising:
storing information indicating a debounce time;
determining whether a switch of the device is depressed based on the debounce time; and
updating the debounce time based on an age of the device.
12. The method of claim 11, further comprising:
determining multiple activations of the switch within the debounce time as a single activation.
13. The method of claim 11, further comprising:

disregarding subsequent activations of the switch within the debounce time after an initial activation of the switch.

14. The method of claim 11,
wherein the age of the device comprises a time since first operation of the device.
15. The method of claim 14, further comprising:
updating the debounce time if the time since first operation of the device is higher than a usage time threshold.
16. The method of claim 11,
wherein the age of the device comprises a number of activations of the switch.
17. The method of claim 16, further comprising:
updating the debounce time if number of activations of the switch is higher than a activation number threshold.
18. The method of claim 11, further comprising:
updating the debounce time based on an age of the device to a pre-determined updated debounce time.
19. The method of claim 11, further comprising:
updating the debounce time based on an age of the device to an updated debounce time provided via a network connection.
20. The method of claim 11,
wherein, after the debounce time has been updated to an updated debounce time, it is determined whether the switch is depressed based on the updated debounce time.

21. A computer-readable medium comprising instructions which, when executed by a computer, make the computer perform a method for controlling a device, the method comprising:

storing information indicating a debounce time;

determining whether a switch of the device is depressed based on the debounce time; and

updating the debounce time based on an age of the device.

22. The computer-readable medium of claim 21, further comprising instructions which, when executed by a computer, make the computer perform:

determining multiple activations of the switch within the debounce time as a single activation.

23. The computer-readable medium of claim 21, further comprising instructions which, when executed by a computer, make the computer perform:

disregarding subsequent activations of the switch within the debounce time after an initial activation of the switch.

24. The computer-readable medium of claim 21,

wherein the age of the device comprises a time since first operation of the device.

25. The computer-readable medium of claim 24, further comprising instructions which, when executed by a computer, make the computer perform:

updating the debounce time if the time since first operation of the device is higher than a usage time threshold.

26. The computer-readable medium of claim 21,

wherein the age of the device comprises a number of activations of the switch.

27. The computer-readable medium of claim 26, further comprising instructions which, when executed by a computer, make the computer perform:

updating the debounce time if number of activations of the switch is higher than a activation number threshold.

28. The computer-readable medium of claim 21, further comprising instructions which, when executed by a computer, make the computer perform:

updating the debounce time based on an age of the device to a pre-determined updated debounce time.

29. The computer-readable medium of claim 21, further comprising instructions which, when executed by a computer, make the computer perform:

updating the debounce time based on an age of the device to an updated debounce time provided via a network connection.

30. The computer-readable medium of claim 21,

wherein, after the debounce time has been updated to an updated debounce time, it is determined whether the switch is depressed based on the updated debounce time.