**CLAIMS**

1. A base unit comprising:

a mounting region for mounting to a surface;

a base connector for connecting the base unit to a cover unit;

a base supply power input for receiving supply power;

a base power converter for converting the received supply power to an output power;

a base power output for outputting the output power to the cover unit; and

wherein the base unit further comprises a base supply power output for outputting the supply power and/or a base switch interface for interfacing with a cover switch interface of a switch on the cover unit.

2. A base unit as claimed in claim 1 wherein the base connector comprises at least one retaining element for retaining the cover unit to the base.

3. A base unit as claimed in claim 2 wherein the retaining element is a recess.

4. A base unit as claimed in claim 2 wherein the retaining element is a protrusion

5. A base unit as claimed in claim 2 wherein the retaining element is a tab.

6. A base unit as claimed in claim 2 wherein the retaining element is a magnet.

7. A base unit as claimed in any one of claims 1 to 6 wherein the base power output, in use, transmits the output power to the cover unit.

8. A base unit as claimed in claim 7 wherein the base power output is a radiating element.

9. A base unit as claimed in any one of claims 1 to 8 further comprising a base data input for receiving data.

10. A base unit as claimed in claim 9 further comprising a base data output for outputting data.

11. A base unit as claimed in claim 9 wherein the base data input is for receiving data from the cover unit.

12. A base unit as claimed in claim 10 wherein the base data output is for outputting data to the cover unit.

13. A base unit as claimed in any one of claims 1 to 12 wherein the base power output and the base connector are provided by the same element.

14. A cover unit comprising:

    A cover connector for connecting the cover to the base unit of any one of claims 1 to 13; and

    a cover switch interface for interfacing with the base switch interface of the base unit.

15. A cover unit as claimed in claim 14 further comprising a cover power input for receiving the output power from the base power output of the base unit.

16. A cover unit as claimed in claim 15 wherein the cover connector and the cover power input are provided by the same element.

17. A cover unit as claimed in any one of claims 14 to 16 further comprising a user interface.

18. A cover unit as claimed in any one of claims 14 to 17 further comprising a data input.

19. A cover unit as claimed in any one of claims 14 to 18 further comprising a data output.

20. A cover unit as claimed in any one of claims 14to 19 further comprising functional circuitry.

21. A cover unit as claimed in any one of claims 14 to 20 further comprising a power supply.

22. A system comprising:

    the base unit as claimed in any one of claims 1 to 13; and

the cover unit as claimed in any one of claims 14 to 21.

23. A system as claimed in claim 22 further comprising a plurality of cover units as claimed in any one of claims 14 to 21 that are interchangeable and wherein at least two of the plurality of cover units provide different functionality from each other.

24. A method of installing a cover unit as claimed in any one of claims 14to21, the method comprising:

connecting the cover unit to a base unit as claimed in any one of claims 1 to 13.

25. A method as claimed in claim 24wherein the step of connecting the cover unit to the base unit comprises:

aligning the cover connector with the base connector of the base unit; and

connecting the cover connector and the base connector to thereby retain the cover unit to the base unit.

26. A method as claimed in any one of claims 24 or 25 further comprising providing power to the cover unit by engaging the cover power input with the base power output.