

Specification

| Modules | Controller Modules | Appliance Modules | Lamp Module |
|--------------------------------|--------------------|---|---|
| Part Number (Hardwired / Plug) | 3780 | 3787 / 3782-XXX* | 3788 / 3781-XXX* |
| Connection to SigNET | RS232 | N/A | N/A |
| Communication with Devices | X10/Mains | X10/Mains | X10/Mains |
| Installation | Hardwired | Hardwired or Standard Electrical Socket | Hardwired or Standard Electrical Socket |
| Supply | 230Vac | 230Vac | 230Vac |
| Battery | (Not Required) | N/A | N/A |
| Enclosure Dimensions (LxWxD) | 160 x 68 x 50 mm | 122 x 52 x 44 mm | 122 x 52 x 41 mm |
| Switching incandescent lamps | N/A | 500W | 60-300W |
| Inductive Load (Max.) | N/A | 1A | N/A |
| Resistive Load (Max.) | N/A | 16A | N/A |
| Operating Temperature Range | -10°C to +40°C | -10°C to +40°C | -10°C to +40°C |
| EMC/ Radio Safety Standards | CE | CE | CE |

* XXX - Country Plug Style (001 = UK, 002 = French, 003 =German, 004=Italian, 005 =Euro).

| Light Control (fitting) | Pendant fitting(Bayonet) | Pendant fitting(Edison Screw) |
|------------------------------|------------------------------------|------------------------------------|
| Part Number | 3785 | 3786 |
| Communication with Devices | X10/Mains | X10/Mains |
| Installation | Installed between fitting and lamp | Installed between fitting and lamp |
| Supply | 230Vac from fitting | 230Vac from fitting |
| Enclosure dimensions (LxWxD) | 95 x 45 x 45 mm | 95 x 45 x 45 mm |
| Switching incandescent lamps | 150W | 150W |
| Operating Temperature Range | -10°C to +40°C | -10°C to +40°C |
| EMC/ Radio Safety Standards | CE | CE |

| Switching Control (fittings) | Light Switch | Appliance Switch |
|------------------------------|-------------------------|---------------------------|
| Part Number | 3784 | 3783 |
| Communication with Devices | X10/Mains | X10/Mains |
| Installation | Replace standard Switch | Replace standard Switch |
| Supply | 230Vac (Live only) | 230Vac (Live and Neutral) |
| Enclosure dimensions (LxWxD) | 85 x 85 x 30 mm | 85 x 85 x 26 mm |
| Switching Incandescent lamps | 60 - 300W | 2000W |
| Inductive Load (Max.) | N/A | 1A |
| Resistive Load (Max.) | N/A | 10A |
| Operating Temperature Range | -10°C to +50°C | -10°C to +50°C |
| EMC/ Radio Safety Standards | CE | CE |

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SigNET

Intelligence without
 complexity

Home Automation

A range of home automation
 devices that automate your
 home and enhance your lifestyle.



SigNET Home Automation System

The SigNET range of Controllers support Home Automation using the X10 Protocol. The X10 protocol allows communication across the mains wiring preventing the need to add additional wiring to control devices. The mains connection to the SigNET also provides the connection to the mains for the X10 3780 controller, allowing the SigNET to control X10 devices directly. The SigNET can trigger any of the X10 devices to turn on or off according to the Event. This allows the security system to control different outputs depending upon what has been triggered.

Triggers

- Zone becoming active/de-active
- Output becoming active/deactive
- Preset Time

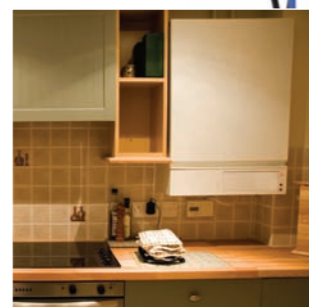
The triggers can turn devices on and off, and each X10 device can have multiple triggers and the system supports up to 1000 triggers across all the X10 devices.

Ten devices can also be controlled directly from a system keypad by simply using the #0 - #9 and this will turn the device either on or off depending upon its last state.

Appliance Module (3787/3782)

The Appliance module is designed to control domestic appliances. This device can switch up to 16A of resistive load, so a wide range of appliances from washing machines to electric heaters can be controlled.

Available as a pluggable unit or a direct wired unit.



Control Module (3780)

The 3780 provides the interface from the SigNET controller to the X10 devices. The 3780 is connected to the SigNET through a permanent serial cable. The 3780 converts the commands from the SigNET to signals that the X10 devices can recognise and act upon, the communication between the 3780 and the other devices is across the standard mains wiring contained within the home. The 3780 is connected to the mains through the SigNET mains connection, allowing the X10 signals to travel onto the mains wiring within the house.



Lamp Module (3788 / 3781)

The Lamp Module is for the control of lights. It is designed for standard incandescent lamps and can control up to 300W.

Available as a pluggable unit or a direct wired unit.



System Keypad

The SigNET keypad can control up to 10 different home automation devices, when the system is unset, the numbers #0 - #9 can be used to turn on or off allocated devices. Each #(number) key can be assigned to one or more home automation devices. This grouping of devices to a single key allows multiple devices to be controlled (Turned On / Off) with one operation, providing rapid control.

Bayonet-In lamp Module (3785)

The Bayonet-In lamp module allows any lamp or pendant to be converted and controlled. The existing bulb is removed and the module inserted between the fitting and the lamp. The address of the unit is retained in memory when no power is applied. The module can control 40-100w of incandescent lighting.



Eddison Screw-In lamp Module (3786)

The Screw-In lamp module allows any lamp or pendant to be converted and controlled. The existing bulb is unscrewed and the module inserted between the fitting and the lamp. The address of the unit is retained in memory when no power is applied. The module can control 40-100w of incandescent lighting.

Appliance Switch (3783)

The Appliance switch can replace an existing switch for appliance control such as an immersion heater. The appliance can be controlled manually from the front or automatically. When the switch is on the integral lamp provides the user with a visual indication.



Light Switch (3784)

The unit replaces a standard light switch and allows the light to be controlled from the front switch or automatically. The switch can control 60-300w of incandescent lighting

