

UNIVERSAL ALARM X-10 TRANSMITTER SM10



Universal Alarm Transmitter to control appliances and lights connected to Marmitek X-10 Modules via the mains. Automatically switches on all lights when alarm is triggered (on or flashing). No extra wiring is necessary to switch appliances or lights in any room in the house. Almost any signal can be used as a 'trigger' for the SM10: closing a contact (relay, switch or alarm unit) or any AC or DC load between 6 and 18V.

APPLICATION

After receiving a signal the Marmitek SM10 transmits commands via the mains to all Marmitek X-10 Modules to switch on lights and appliances. The X-10 Protocol is used. No extra wiring is necessary, as the existing electricity system is used.

Separate groups can be controlled by setting the dials for House Code and Unit Code.

The SM10 is triggered by:

- An input voltage (6-18V AC or DC) -> Switch mode A.
- An amplified audio signal (e.g. microphone) -> Switch mode A.
- A contact closure (switch or relay on e.g. an alarm unit) -> Switch mode B.

The SM10 has 3 working modes. The required mode can be set at the front by means of a switch:

- Mode 1: All Marmitek X-10 Lamp Modules set to the same House Code are switched on when a signal triggers the unit. All Appliance Modules with the same Unit Code are also switched on.
- Mode 2: The SM10 will FLASH all lights connected to Lamp Modules. After deactivating the trigger signal, all lights stay on, but all Appliance Modules are switched off.
- Mode 3: A contact closure initiates the command 'On' to the address to which the SM10 is set. When the opening the contact, the 'Off' command is sent to the selected address.

The SM10 is connected to the mains via a short power cord with a 2-pin Euro Plug.

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Power: 230V +10% -15%, 50Hz
 Supply Current: <20mA capacitive
 Marmitek X-10 Signal: 120kHz +/-2kHz, 2.5Vpp
 Ambient Temperature: 0°C to 50°C (operating), -20°C to 70°C (storage)
 Dimensions wxhxl: 56x91x39mm

