



### EN Universal X-10 sender

- Transforms a make/break contact into an X-10 signal
- Switches the lights on when the alarm goes off
- Sender for controlling appliances and lights, that are plugged into the Marmitek X-10 modules, through the existing house wiring. Automatically switches all lights (on or flashing) in case of alarm, without running any extra wires. Switch appliances and lights from every location in your home without extra cables. You can use almost every signal as a "trigger" for the SM10: contact closure (relays, switch of alarm keypad), but also any voltage between 6 and 18 (e.g. doorbell transformer or amplified audio signal)

### DE Universeller X-10 Sender

- Stellt mit einem Schalt-/Unterbrechungskontakt ein X-10 Signal her
- Schaltet bei einem Alarm die Beleuchtung ein
- Sender zum Steuern über das Lichtnetz von Geräten und Beleuchtung, die auf Marmitek X-10 Module angeschlossen sind. Schaltet automatisch bei Alarm alle Lampen (ein oder blinkend) ohne zusätzliche Verkabelung. Schalten von Geräten und Beleuchtung von jeder Stelle im Haus ohne zusätzliche Verkabelung. Als Auslöser des SM10 kann praktisch jedes Signal verwendet werden: Das Schliessen eines Kontaktes (Relais, Schalter oder Alarmzentrale), aber auch jede DC-Spannung zwischen 6 und 18 V (z.B. Telefontrafo oder verstärkter Audiosignal).

### FR Emetteur universel X10

- Transforme un contact de fermeture/d'interruption en un signal X10
- Actionne l'éclairage en cas d'alarme
- Émetteur pour actionner appareils et éclairage raccordés à des modules X10 de Marmitek par le réseau électrique. Allume automatiquement l'éclairage (en marche ou en code) en cas d'alarme, sans poser de câbles additionnels. Changer appareils et éclairage depuis toutes les pièces de la maison sans câbles additionnels. En tant que déclencheur pour le SM10 n'importe quel signal peut être utilisé : la fermeture d'un contact (relais, interrupteur ou tableau d'alarme) mais aussi toute tension entre 6 et 18V (par exemple Beltrafo ou signal audio renforcé).

### ES Emisor X-10 universal

- Transforma un contacto normalmente abierto/cerrado en una señal X-10
- Encender la iluminación en caso de alarma.
- Emisor para manejar aparatos y iluminación conectados a Marmitek módulos X-10 por la red de alumbrado. En caso de alarma conmuta automáticamente toda la iluminación (encendida o intermitente) sin necesidad de tirar cables. Manejar aparatos y iluminación desde cualquier lugar en casa sin cables adicionales. Casi cada señal puede emplearse como 'trigger' para el SM10: el cerrar de un contacto (relé, interruptor o panel de alarma) o tensiones entre los 6 y los 18 V (p.e. transformadores para timbres o una señal audio amplificada).

### IT Modulo trasmettitore universale X-10

- Converte un contatto di chiusura/apertura in un segnale X-10
- Accende le luci in caso di un allarme
- Trasmettitore per il comando sulla linea elettrica di elettrodomestici e lampade collegati ai moduli X-10 di Marmitek. Commuta automaticamente tutte le luci (per accenderle o farle lampeggiare) in caso di un allarme, senza stendere cavi addizionali. Commutazione di elettrodomestici e luci da ogni luogo della casa senza cavi addizionali. Si può usare quasi ogni segnale come "trigger" dell'SM10: la chiusura di un contatto (relè, interruttore o pannello allarme), ma anche ogni voltaggio tra 6 e 18 V (p.e. un trasformatore campanello o segnale audio amplificato).

### NL Universele X-10 zender

- Maakt van een maak/verbreek contact een X-10 signaal
- Schakel verlichting in bij een alarm
- Zender voor via het lichtnet aansturen van apparatuur en verlichting welke aangesloten zijn op Marmitek X-10 modules. Schakelt automatisch alle verlichting (aan of knipperend) bij alarm, zonder extra leidingen te leggen. Schakelen van apparatuur en verlichting vanuit elke locatie in huis zonder extra kabels. Als "trigger" voor de SM10 kan vrijwel elk signaal worden gebruikt: het sluiten van een contact (relais, schakelaar of alarmpaneel), maar ook elke spanning tussen de 6 en 18 V (b.v. beltrafo of versterkt audiosignaal).

Connects to an existing system and turns on lights when tripped. It has 3 modes of operation:  
 In mode 1 the SM10 will turn On all Lamp Modules and Wall Switch Modules set to its House code, and will also turn On any other Modules set to its Unit code, a stereo connected to an Appliance Module, for example. All Lamp Modules and Wall Switch Module are left in the On state when the system is deactivated, but the Module set to the same Unit code as the SM10 will turn Off.  
 In mode 2 the SM10 will FLASH all lights connected to Lamp Modules or Wall Switch Modules. All Lamp and Wall Switch Modules will be left in the On state when the system is de-activated but Appliance modules set to the same House code as the SM10 will turn Off.  
 In mode 3 the SM10 will turn ON any Module set to the same House Code and Unit Code as the SM10 when the system is activated and turns it OFF when the input contact is opened.  
 Set the input switch to A for triggering the interface by a low voltage input (6-8 V AC, DC or audio), to B for triggering the interface by a dry contact closure. Do not connect 220V to the input terminal!  
 The SM10 has a test button which allows you to activate it whether or not it is connected to a system. The All light off button allows you to turn off anything which has been turned on by the interface.

To install the SM10 (is expected to be installed inside the security controller panel) :

- Connect the system output to the screw terminals.
- Connect the flying lead to the 230V power supply, most likely at the 230V side of the transformer.

- Flash all the lights in your home when your existing burglar alarm trips.
- Blast your stereo when your alarm trips.
- Connect the SM10 directly to a magnetic switch to turn on lights when a door or window opens, i.e., you don't have to own a burglar system.
- Trigger it from sensors such as a photo cell to turn on lights when it gets dark, from a motion detector to turn on lights when someone enters a room, from a microphone to turn on lights or appliance when a sound from an intruder is detected, from a moisture sensor to sound an alarm if your basement is flooded, from a garage door opener to turn on lights when you open your garage door, etc.

## Technical data

Supply	230VAC 50 Hz
Power consumption	< 2 W
Signal transmission	> 2,5Vpp, 120 kHz ± 2kHz
X-10 transmission	1 pulse burst at 0°, 60° and 120°
Sends X-10 Key codes	All units Off, All Lights On, On, Off.
For use in a 3 phase installation	FD10 (3x) or CAT4000 required.
Input impedance	> 180 Ohm (P-N) for 120 kHz
Connectors	Screw connectors for switch contact.
Surrounding temperature	-10°C to +50°C (business premises) -20°C to +70°C (warehouse)
Dimensions	55x90x38mm

## Also available

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Plug-in Modules



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Micro Modules

## Set includes



1x SM10



1x User Manual  
English, Deutsch  
Français, Español,  
Italiano, Nederlands

## Order information

SM10™	Europlug	Art. nr. 08943
	UK Plug	Art. nr. 09552
Universal box size (LxWxH)	90 x 74 x 144 mm with euroslot	

