

LMM22™



EN Remote control On, Off and Dim

- Suitable for 230V and (Eco) halogen lighting.
- Remote control via the mains using Marmitek X-10 Commands and with one or more momentary switches.
- Can be used in combination with 'designer' switching material.
- Soft start and smooth dimming features, remembers the last dim setting.
- Makes your X-10 system invisible.
- No extra wires required for installation.
- Dimmer (60W - 400W).
- Can be regulated from 0% lighting to the desired dim setting.
- The module is not suitable for dimming and controlling low-energy light bulbs and tube lighting. An Appliance module should be used for these devices.
- Control Load QTY: Two.

DE Fernbedient ein-/aus und dämpfen

- Geeignet für Beleuchtung auf 230 V und für (Eco) Halogenbeleuchtung.
- Kann mit Befehlen eines X-10 Senders über das Lichtnetz und mit einem oder mehreren Pulsgebern fernbedient werden.
- Kann in Kombination mit 'Design'-Steckdosen verwendet werden.
- Ausgestattet mit Soft-Start und Soft-Dimm, sowie Speicher für den letzten Dimmstand.
- Machen Sie Ihr X-10 System unsichtbar.
- Keine zusätzlichen Kabel für den Einbau nötig.
- Dimmer (60W - 400W).
- Kann von 0% auf das gewünschte Dimmniveau geregelt werden.
- Das Modul ist nicht geeignet zum Dimmen und Schalten von Energiesparlampen und Neonbeleuchtung. Hierzu muss ein Gerätefernwechsler verwendet werden.
- Steuerbare Leistungen: Zwei.

FR En marche, arrêt et mettre en code à distance

- Convient à l'éclairage sur 230V et à l'éclairage (Eco) halogène.
- Peut être activé à distance avec les commandes X-10 Marmitek par le réseau électrique et avec 1 ou plusieurs boutons à impulsion.
- Peut être utilisé en combinaison avec des interrupteurs « design ».
- Softstart et Softdim, position de mémoire pour la dernière position code.
- Rendez votre système X-10 invisible.
- Pas de fils additionnels nécessaires pour incorporer.
- Interrupteur code (60W - 400W).
- Peut être réglé depuis 0% vers le niveau code désiré.
- Le module ne convient pas pour la commande ou la variation des lampes à économie d'énergie ou des lampes fluorescentes. Dans ce cas, il faut un module pour appareils.
- Charges contrôlables: deux.

ES Encender, apagar y regular a distancia

- Conveniente para la iluminación de 230V y para la iluminación (Eco) halógena.
- Puede controlarse a distancia con Marmitek comandos X-10 por la red de alumbrado o utilizando uno o varios conmutadores de impulsos.
- Puede emplearse en combinación con conmutadores de "diseño".
- Memoria para guardar la última posición de regulación. Softstart y softdim.
- Hace desaparecer su sistema X-10.
- No cables adicionales necesarios para el montaje.
- Regulador (60W - 400W).
- Puede regularse de 0 % al nivel de intensidad deseado.
- El módulo es inconveniente para regular y conmutar bombillas de bajo consumo y iluminación fluorescente. Para estos tipos de iluminación hay que emplear un módulo de aparato.
- Cargas controlables: Dos.

IT Attivare, disattivare e regolare l'intensità di luce a distanza

- Adatto per lampade a 230V e per lampade (Eco) alogene.
- Controllabile a distanza sulla rete elettrica, con uno o più interruttori a pulsante, grazie ai comandi X-10 di Marmitek.
- Può essere usato in combinazione con gli interruttori di design.
- Funzione memoria per l'ultima impostazione dimmer. Softstart e softdim.
- Rende invisibile il sistema X-10.
- Non richiede cavi addizionali in caso di installazione interna.
- Dimmer (60W - 400W).
- Può essere regolato dallo 0% al livello di luminosità desiderato.
- Il modulo non è adatto alla variazione della luminosità né alla commutazione di lampade a risparmio energetico e tubi fluorescenti. Questi dispositivi richiedono un modulo per elettrodomestici.
- Carichi controllabili: due.

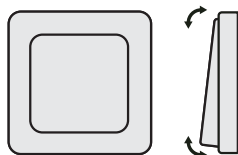
NL Op afstand aan, uit en dimmen

- Geschikt voor verlichting op 230V en voor (Eco) halogeenverlichting.
- Kan op afstand aangestuurd worden met Marmitek X-10 commando's over het lichtnet en met één of meerdere pulsdrukkers.
- Kan gebruikt worden in combinatie met "design" schakelmateriaal.
- Voorzien van soft start en soft dim en geheugen voor de laatste dim stand.
- Maak uw X-10 systeem onzichtbaar.
- Geen extra draden nodig bij inbouw.
- Dimmer (60W - 400W).
- Kan vanuit 0% naar het gewenste dim niveau worden geregeld.
- De Module is niet geschikt voor het dimmen en schakelen van spaarlampen en TL verlichting. Hiervoor dient een apparaat module te worden toegepast.
- Aanstuurbare belastingen: twee.

The MicroModule is an extremely small Marmitek X-10 dimmer module which can be fitted behind any installed switch or outlet. The lights connected to the MicroModule can be controlled by the Marmitek X-10 system. You will be able to use your switch in the normal way. The MicroModule uses one-way X-10 communication.

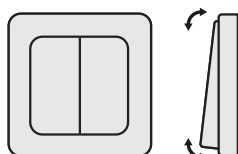
Switch specifications

The LMM22 has 4 inputs to control the built-in dimmer module.



INPUT 1
1-pole (rocker) switch

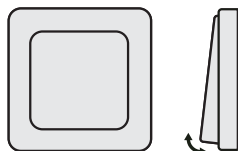
Input 1. (RED and BLACK wire) To control the built-in first dimmer module using 1-pole rocker switch. To send ON/OFF command to control the built-in dimmer module.



INPUT 2
Dual 1-pole (rocker) switch

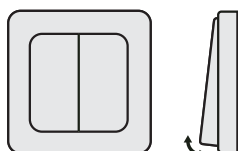
Input 2. (BLUE and BLACK wire) To control the built-in second dimmer module using 1-pole rocker switch. To send ON/OFF command to control the built-in dimmer module.

Switches can't be used in parallel.



INPUT 3
Momentary switch with 1-pole, normally open contact

Input 3. (YELLOW and BLACK wire) To control the built-in first dimmer module using 1-pole momentary switch (normally open contact). To send ON/OFF/BRIGHT/DIM command to control the built-in dimmer module.



INPUT 4
Dual momentary switch with 2, 1-pole, normally open contact

Input 4. (GREEN and BLACK wire) To control the built-in second dimmer module using 1-pole momentary switch (normally open contact).

To send ON/OFF/BRIGHT/DIM command to control the built-in dimmer module.

- Short press is ON
- keeping the button pressed is DIM, BRIGHT, DIM...
- second press is OFF.

More switches can be used in parallel.

Technical data

Supply voltage:	230VAC +10% -10% 50 Hz
Power Consumption	< 1W
Making capacity:	60W/230V to 400W/230V in total for incandescent lamps and Eco halogen light
Control Load QTY:	One
Dimmable:	Yes
Signal sensitivity:	better than 25 mVpp at 120 kHz
X-10 Key codes to respond to:	All units Off, All Lights On, On, Off, DIM, BRIGHT, Extended Dim
Input switch:	1- way standard rocker switch, 1-way momentary switch (normally open contact)
Use in 3 phase installation:	FD10 (3x) or FKX40 necessary
Connections:	Wire for a standard rocker switch or momentary switch and connecting clamps for phase and switched phase.
Control lines	Not more than 1 meter between the micro module and the switch
Ambient temperature:	-10°C tot +50°C (Operation)
Dimensions:	43.25mm x 47mm x 21mm

Specifications may be modified without prior notice.

Also available

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Plug-in Modules



Transmitters/Controllers



Dimmers/Switchers



Build-in Modules



Din-rail Modules



Micro Modules

Set includes



1x LMM22



1x Quick Start Guide (EN)
Full Instructions in 6 languages available online.
(EN DE FR ES IT NL)

Order information

LMM22™	Art. nr. 08090
Universal box size (LxWxH)	90 x 37 x 72 mm with euroslot

