

TRANSCIVER MODULE TM13

Converts radio signals of Marmitek Remote Controls, Wireless Switches and Wireless Sensors to the Marmitek X-10 Protocol on the mains. Built-in appliance module (220V, 5A). Status reading with CM11 Computer interface.

APPLICATION

The TM13 Transceiver Module is the central receiver necessary when using Marmitek Wireless Remote Controls, Wireless Switches and Wireless Sensors. The TM13 Transceiver converts the signals from these devices to the Marmitek X-10 Protocol on the mains, so that all Marmitek X-10 Modules can be controlled via the mains.

The Transceiver Modules contains a selector switch for the House Code. The House Code of the TM13, the modules and remote controls have to be set to the **same** letter code to be able to control up to 16 Marmitek X-10 modules. Position "P" will transmit all house codes.

The built-in appliance module can be switched with a command via a wireless controller, such as a radio remote control, or via the mains using the Marmitek X-10 protocol. The built-in appliance module always responds to Unit Code 1.

When the Transceiver Module is combined with the CM11 Computer interface, the TM13 functions as a 'gateway' to transmit signals from e.g. remote controls to the CM11. Using the TM13, any macros stored in the CM11 Computer Interface can be activated using a wireless remote control and all Marmitek X-10 addresses can be controlled (max. 256 modules).

The Transceiver Module has a plug and switched socket and can be connected without extra wiring.

Reading the status of the TM13 is possible with the use of the CM11 computer interface.

Available:

Art. Nr. 09196	TM13G	Rim-earth plug (D, NL, ES, S, etc.)
Art. Nr. 09197	TM13F	Pin-earth plug (F, B, PL, etc.)
Art. Nr. 09198	TM13UK	(UK, etc.)



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Power:	230V +10% -15%, 50Hz
Supply current:	<20mA capacitive
Power:	5A max. ohm load
EMC Emission:	According to EN 50081-1
EMC Immunity:	According to EN 50082-1
Electrical Safety:	According to EN 60950 and 60065
RF Receiver Frequency:	433.92MHz
Marmitek X-10 Power Line:	120kHz +/-2kHz, 3.5Vpp
Signal Sensitivity:	15mVpp min., 50mVpp max. at 120kHz
Input Impedance:	>180_ (L-N) at f=120kHz
Ambient Temperature:	0°C to 50°C (operating), -20°C to 70°C (storage)
Dimensions:	52x122x33mm (wxhxl excl. plug)



WARNING

Automatic switching devices provide comfort, but can also be dangerous. They can surprise people or can ignite clothing hanging over an electric heat source. Please be careful and take appropriate measures to avoid accidents.