

# TTL/CMOS INTERFACE XM10

**Two-Way TTL/CMOS Interface to couple the Marmitek X-10 System to its own appliances. Control appliances via the mains using Marmitek X-10 Commands. Translates TTL/CMOS signals to Marmitek X-10 signals on the mains and vice versa. Isolated input and output (opto couplers) from the mains. Interface for alarm systems, thermostats, touch screen displays, etc. with an X-10 interface port.**



#### APPLICATION

The XM10 is specially designed to be built into proprietary (OEM) products. The unit comes with a short power cord (15cm) and a 2-pin Euro Plug.

The interface has a TTL/CMOS-in/out. The appliance connected to the interface can be controlled using the Marmitek X-10 Protocol. By having your own application generate Marmitek X-10 Codes, it is possible to control Marmitek X-10 Modules. More information about the code can be found in the booklet 'The Marmitek X-10 Protocol'.

The red LED lamp on the front of the XM10 lights up when a Marmitek X-10 signal is received or transmitted.

OEM applications can be coupled to the interface via a RJ11 connector. The input connector is isolated from the mains, so that the interface can be coupled to a PC and other computer equipment without danger.

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Power: 230V +10% -15%, 50Hz  
 Dimensions: 110x65x46mm (hxxwxxl)  
 Ambient Temperature: 0°C to 40°C (operating), -20°C to 70°C (storage)  
 Isolation Voltage: 4kV RMS 50Hz during 1 min.



**WARNING:** Inside this product 0V is directly connected to one point of the 230V mains voltage! Always use an isolating transformer when measuring **INSIDE** the unit.  
**PS:** The external RJ11 Connector is fully isolated from the mains voltage.

