ebode

PowerMid Classic

Contents of the kit

ST10 Transmitter
+ 9VDC SPMS PSU

RE10 Receiver
+ 9VDC SPMS PSU

Optional accessories:

EXLED3 IR Extension

TAKE6 Universal Remote Control

User Guide

CONTENTS

1. Conformity of Use

For carefree and safe use of this product, please read this manual and safety information carefully and follow the instructions. The unit is registered as a device that does not cause or suffer from radio-frequency interference. It is CE approved and it conforms with the Low Voltage Directory. The safety and installation instructions must be observed. Technical manipulation of the product or any changes to the product are forbidden, due to security and approval issues. Please take care to set up the device correctly - consult your user guide. Young children should use the device only under adult supervision. No guarantee or liability will be accepted for any damage caused due to incorrect use of the equipment supplied, other than indicated in this owner's manual.

SAFETY WARNINGS

- To prevent short circuits, this product (except if specified for outdoor usage) should only be used inside and only in dry spaces. Do not expose the components to rain or humidity.
- Only connect the adapter to the mains after checking whether the mains voltage is the same as the values on the rating labels. Never connect an adapter or power cord when it is damaged. In that case, contact your supplier. If there is any danger of a thunderstorm, it is a good precaution to unplug the power supply from the mains network in order to protect it from lightning. The same applies if the system is to be out of action for any length of time.
- Avoid strong mechanical tear and wear, extreme ambient temperatures, strong vibrations and atmospheric humidity.
- Do not disassemble any part of the product: the device contains live parts and no user-serviceable parts are inside. The product should only be repaired or serviced by qualified and authorized service personnel. Defected pieces must be replaced by original (spare) parts.
- *Batteries:* keep batteries out of the reach of children. Dispose of batteries as chemical waste. Never use old and new batteries or different types of batteries together. Remove the batteries when you are not using the system for a longer period of time. When inserting batteries be sure the polarity is respected. Make sure that the batteries are not short circuited and are not disposed in fire (danger of explosion).

In case of improper usage or if you have opened, altered and repaired the product yourself, all guarantees expire. The supplier does not accept responsibility in the case of improper usage of the product or when the product is used for purposes other than specified. The supplier does not accept responsibility for additional damage other than covered by the legal product responsibility.

2. Introduction

This kit allows you to control remotely any A/V distant appliance, TV, VCR, Hi-Fi, satellite and cable box, just by using your existing remote control! The remote control signal is transmitted through walls and ceilings, up to 30 meters away.

3. Set Contents

1 Transmitter: converts IR signals of remote controls into 433.92 MHz RF messages and transmits them to the Receiver, even through walls and ceilings.
1 Receiver: converts RF messages back into IR signals to control the selected A/V source.
2 Mains power supply wall adapters 230V~50Hz to 9VDC 100mA

4. Transmission of your original remote control signals

Point your original remote control at the PowerMid Transmitter (ST10). As soon as you press a button, the transmitter captures the IR command, converts it into a RF message, and transmits it through the walls to the PowerMid Receiver (RE10). This unit converts the signal into an IR message back, in order to control the selected A/V source. For example, you can change channels on your satellite receiver while viewing it in another room. The remote control signal is transmitted through walls and ceilings, up to 30 meters away.

5. Installing the system

1. Plug the PowerMid Transmitter (ST10) power supply adapter into a 230V~ outlet in the room where you want to use your remote control (up to 20 feet/6 meters away from where you normally sit). Plug the power supply adapter lead plug into the socket on the rear of the ST10.
Make sure the front of the unit (with PowerMid name) is facing you. Fully extend the antenna.
2. Plug the PowerMid Receiver (RE10) power supply adapter into a 230V~ outlet in the room where your TV, VCR, Stereo, etc. is located (up to 20 feet/6 meters from it). Plug the power supply adapter lead plug into the socket on the rear of the RE10.
Point the front of the Receiver towards the TV, VCR, stereo etc. Fully extend the antenna.
3. Point your remote control at the Transmitter. It receives the signals and transmits them to the Receiver. The Receiver then re-transmits these infrared signals to your TV, VCR, stereo, etc.

6. Expanding the system

-Add more Transmitters to use your remote controls in several rooms.
-Add more Receivers to control equipment in different rooms.
-Add an Infrared Extender (sold separately) if you need to place the PowerMid Receiver next to your equipment instead of in front of it, or if your equipment is located inside a closed cabinet.

7. Troubles shooting

Note: The Transmitter and Receiver will most likely be in different rooms (up to 30 meters away). Range depends on:
1. The number of floors and walls the signal has to travel through and material these walls and floors are made of.
2. Other 433MHz sources (e.g. wireless head phones, wireless speakers) can effect the range. The best range will be achieved when these sources are switched off while using the PowerMid. Cordless phones will not affect the PowerMid.
3. Some satellite receivers require more careful positioning of the PowerMid system. If any difficulty is encountered, try to move the PowerMid (Receiver) a little to various positions until it operates correctly.

DECLARATION OF CONFORMITY

Hereby, ebode declares that this **PM10C** is in compliance with the essential requirements and other relevant provisions of the following Directives:

1) Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity

2) Directive 2004/108/EC of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility

3) Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits

4) Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

5) Directive 2005/32/EC of the European Parliament and of the Council of 6 July 2005 establishing a framework for the setting of eco design requirements for energy-using

Technical data and copies of the original Declaration of Conformity are available and can be obtained from ebode electronics: PB 25, NL-4264ZG, the Netherlands.

CE

User Information for Consumer Products Covered by EU Directive 2002/96/EC on Waste Electric and Electronic Equipment (WEEE)

This document contains important information for users with regards to the proper disposal and recycling of ebode products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:

Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams.

It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health.

For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

DECLARATION OF CONFORMITY TO R&TTE DIRECTIVE 1999/5/EC
for the European Community, Switzerland, Norway, Iceland and Liechtenstein

Product category: general consumer (category 3).

This equipment is in compliance with the essential requirements and other relevant provisions of the European R&TTE Directive 1999/5/EC

Also available from ebode: TAKE10

The TAKE10 is an elegant universal remote that is able to control up to 10 A/V devices, including TV, DVD, VCR, Cable, X10 Home Automation products and more.

You don't even have to remember which TV station is on which button, as the brightly displayed icons on the full-colour LCD display make it easy to find and surf all the channels, plus your own favourite 'personal' buttons for you and your partner also give you quick access to all your own favourite channels too.

The remote can be set-up within 5 minutes and is very easy to use and navigate.

As the TAKE10 features RF control, you can even control equipment which is out of sight - even through doors, walls and ceilings.

Features of the TAKE10

- Familiar Channel Logos

- Large, Easy-to-Use Buttons and LCD Screen

- His & Hers Favourite Buttons

- 5-Minute Setup

- The Future-Proof Remote .... world's largest build-in IR library

- incl RF for controlling X10-PLC lighting control

- No PC needed to program

- QuickPower Feature

- Multilingual

Also available from ebode: Home Automation Modules

ebode offers a wide range of Home Automation products and solutions which help you control your 'electrical environment'. The home automation modules are ideal to (remotely) control blinds/rollers, home cinema screen, lighting, and other household appliances.

On-Wall Modules

Product	Description	
EM	2-position RF wall switch, ideal for retro fit installations to e.g. control blinds, shutter, home cinema screens but also lighting or appliances.	
IMRF	Single position RF wall switch, ideal for retro fit installations to e.g. control applications or an inside or outside light.	
RMV	Control your shutter, blind or e.g. cinema screen via the front panel keys, or remotely via any ebode / X10 compatible controller.	
RMA	Control your appliance, light or e.g. pump via the front panel keys, or remotely via any ebode/X10 compatible controller.	
RPA, RPL, RPT	Ideal for retro fit installations, the classic X10 plugin module in a new and stylish jacket. Control your appliance or lamps etc, via any ebode or X10 compatible controller via PLC AND RF!	
TPC / TMML	New stylish RF remote to control any ebode or X10 compatible RF receiver.	

In-Wall Modules

Product	Description	
EMML	2-position RF in-wall module to install behind any mechanical wall switch. The EMML is battery operated.	
RMML	In-wall RF receiver, ideal for any switches lights and appliances up to 300W.	

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