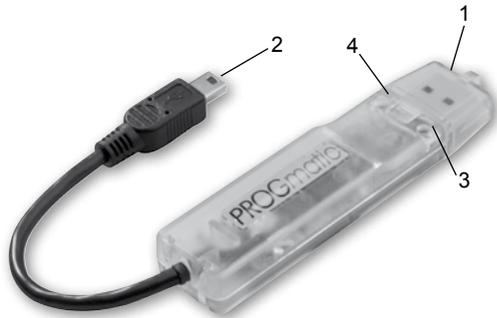


PROGmatic

The Convenient
Programming Stick



www.eurotronic.org

Please carefully read the instruction manual before use. Keep the documents in a safe place for future reference and pass it on to the next owner along with the device.

Delivery Contents

1x PROGmatic programming stick
1x instruction manual

Intended Use

PROGmatic is used for simple programming of the EUROtronic energy-saving controller with a programming port. The programming stick is intended for use with the USB port of a PC. The cable for the EUROtronic programming port is intended ONLY for EUROtronic energy-saving controllers. Never connect other devices with a mini USB port!

PROGmatic is not suitable for use as a portable storage medium.

1 – Control and Display Elements

- 1 USB stick
- 2 stick for EUROtronic programming port
- 3 LED red
- 4 LED green

2 – PROGmatic Function

PROGmatic makes it easy to set heating and saving times for EUROtronic energy-saving controllers using a PC. The software required for programming is stored on the PROGmatic device. Installation on a PC is possible but not necessary. Once the room profiles have been stored, they can easily be saved on all EUROtronic energy-saving controllers with programming ports (SPARmatic basic or Zero). The current time of day and date will also be fed into the energy-saving controllers, meaning that it is not necessary to perform the initial installation each time.

3 – Start PROGmatic

Insert the USB stick of PROGmatic into a free USB port on your PC. Driver installation is not required, as PROGmatic is recognised as a removable drive by the PC. If the stick is connected correctly, a red LED will light up. A dialogue window will pop up.

If the "Start PROGmatic" line is selected, the software for creating the room profile is run directly from the USB stick. Depending on computer configuration, this may take some time.

Lighting up of the green LED indicates active data transmission. Depending on your system configuration no window may pop up. There are several possible reasons for this:

- auto start is deactivated in systems settings
- your operating system does not support auto start of USB media (e.g. Windows 7).

In that case, open the removable medium with the designation "PROGmatic" in Explorer and start the device by double-clicking on "PROGmatic_starten".

To operate the software, please consult the relevant chapter of this instruction manual. Please remember to save the created room profile by selecting the relevant menu item.

While the stick is connected to the PC, the internal battery is charged.

When the stick is removed from the USB connection, the room profile will be permanently stored on the stick. The internal clock which ensures correct setting of the time of day in the energy-saving controllers will continue to operate for approximately 7 hours, provided that the stick was charged in the USB connection for at least one minute. Batteries are not required.

4 – Software User Interface

Menu bar:

Storing the time profile, printing the room overview

Controller setting:

Setting the heating and energy-saving temperatures as well as the offset value

Creating blocks:

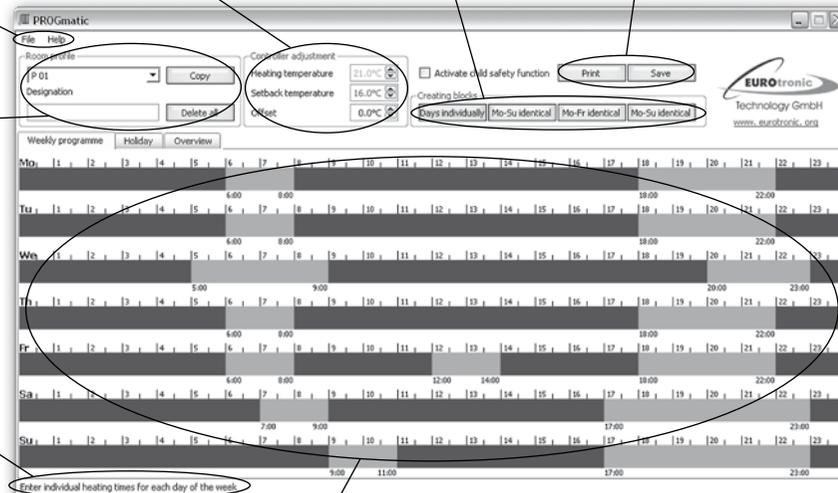
Optional summary of days with identical heating times (e.g. week/weekend days)

Printing / storing:

Printing of the room overview, storing of room profiles on the stick

Room profile:

Selecting the room to be programmed, copying and deleting functions



Status line:

Display of help texts and status information

Room profile area: Visual determination of heating and energy-saving times; days are displayed horizontally (starting on the left at 00:00 hours). Individual weekdays are arranged vertically. Saving times appear in blue, whereas heating times appear in red.

5 – Creating Room Profiles

When first starting the programme, the room profile "P 01" has already been filled with heating times by the manufacturer. These can be changed or deleted as desired.

Setting a Heating Time

To add a heating time, simply move your pointer to the relevant starting time and turn the scroll wheel of your mouse. By turning the scroll wheel backwards and forwards you can set the end of the heating period. (Alternatively, you can set the end of the heating period using the arrow keys on your keyboard.) This is visually shown by means of a red bar. To set up additional heating times, repeat the process. Other weekdays can be set in exactly the same way. The various buttons above the time bar allow you to programme days individually or to programme entire blocks (i.e. same times for Monday to Friday, same times for Saturday and Sunday etc).

Changing Heating Times

If you would like to go back to an already set heating time and change it, move your pointer to the heating time to be changed (displayed in red). Turning the scroll wheel changes the end of the heating time. If you hold down the shift key on your keyboard (⇧) while turning the scroll wheel, you can change the start of the heating time.

Deleting Heating Times

To delete a heating time, right-click on the heating period to be deleted. A context menu will then pop up allowing you, among other things, to delete the current heating time.

6 – Additional Functions

Context Menu

By right-clicking within the relevant room profile area you can open a context menu making available various functions such as deleting or creating heating times. The available functions may vary depending on the context.

Naming Room Profiles

To get a better overview, it is possible to assign names to individual room profiles. Simply enter your chosen name into the field provided for this purpose.

Setting the Heating and Energy-Saving Temperature

You can conveniently set the heating and energy-saving temperature in the corresponding fields above the room profile area.

Child-Safety Function

The child-safety function can be turned on or off individually for each room profile.

Setting the Offset

Since the temperature is measured on the heating element it may deviate at a different position within the room. In order to make up for this, you can set the offset function. If, for example, 19°C is measured instead of the set 21°C, set the offset for 2°C.

Copying and Deleting

Using the relevant buttons you can copy the setting of one profile onto another and / or delete the room profile.

Holiday

Here you can enter holiday times in advance. The energy-saving controllers will then set the temperature defined by you during these times.

Overview

An overview of the various room profiles is shown.

Programme Start-up Password Protection

To avoid unauthorised access, the start-up of the programme can be protected with a password. You can find this function in the "File" menu. If you have forgotten the password given to you, you can contact our hotline.

7 – Transmitting the Settings to PROGmatic

When you are done programming your room profiles, save them to your stick using the "Save" button or via the "Save" selection in the "File" menu. You can then remove the stick from the USB port.

8 – Transmission of Settings to the Energy-Saving Controllers

Connect the plug for the EUROtronic programming port (see illustration) to the relevant port on the energy-saving controller.



Figure 1:
SPARmatic Zero



Figure 2:
SPARmatic basic

On the display the following will appear "P 1". This symbolises "Room Profile 1". By turning the manual setting wheel (SPARmatic basic) or the keys (+) and (-) (SPARmatic Zero) you can select the room profile to be programmed for the controller. Only as many room profiles will be offered for selection as have actually been programmed in the software. By subsequently pressing the [PROG] key, the room profile is copied from the stick. After successful programming, the usual display will appear on the controller.

Please note that the display will automatically change back to its default state, if no change is made to the controller within 10 seconds.

Note on the Initial Start-up of the Energy-saving Controller:

If you transfer data to a brand-new energy-saving controller, please note that the energy-saving controller will perform a launch procedure first.

- Skip entering data and time of day by clicking the [PROG] key several times in a row. (The correct time will be automatically copied onto the energy-saving controller after adaptation of PROGmatic.)

- The motor will now move into ON position in order to facilitate installation. The instruction INST then appears in the display. For installation on the heating element, proceed as described in the instruction manual for the controller.

- PROGmatic can now be connected to the energy-saving controller.

9 – Cleaning and Old Appliances

Cleaning

To clean the PROGmatic only use a dry or slightly damp cloth. Avoid chemical solvents, as they may damage your device.

Old Appliances

Please do not dispose of old appliances and packaging material with your normal household waste. They can be recycled. For more information, please contact your local council.



Please note:

PROGmatic allows you to programme all EUROtronic energy-saving controllers with a programming port. If you have an older energy-saving controller, the following functions may differ in the way described below: no negative value is copied onto the "Offset" function.

If a negative value is entered into the software, it will be ignored by the energy-saving controller.

10 – Technical Data

Operating voltage:	5V DC, max. 100mA via USB port
Interfaces:	
to the PC	USB 1.1 or 2.0
to the energy-saving controller	EUROtronic programming port
System requirements:	Windows XP® and later
Number of programmable heating times:	4 heating times per day
Function of the LEDs:	
LED glows red	Stick is correctly connected to the PC
LED flashes green	active data transmission from the PC to the stick
CE certification:	CE in accordance with DIN EN 60730
RoHS conformity:	in accordance with 2002/95/EG from 27/01/2003
Type of protection:	IP30 in accordance with EN 60529
Ambient temperature:	0 to +50 °C
Storage temperature:	-20 °C to +70 °C
Casing material:	ABS
Casing colour:	transparent
Casing dimensions:	~ 90x20x10 mm (WxHxD)

Konformitätserklärung Declaration of Conformity

**Wir EUROtronic Technology GmbH,
We Südweg 1, 36396 Steinau**

erklären, dass das Produkt
declare that the product

Programmierstick PROGmatic
programming stick PROGmatic

auf das sich diese Erklärung bezieht,
to which this declaration relates

mit folgenden Normen übereinstimmt
is in conformity with the following standard

International

EN 55014-1: 2006, EN 55022: 2006
EN 55024: 1998 + A1: 2001 + A2: 2003
EN 60730-1 (2000) + A1, A16
EN 60730-1: 2000, A1 2004, A16 : 2007
EN 60950-1: 2006
EN 61000-4-2, EN 61000-4-2 / 01
EN 61000-4-3, EN 61000-4-3 / 06 + A1

**PROGmatic erfüllt die verbindlichen Anforderungen
aus EMV Gesetz 2004/108/EG. PROGmatic ist mit dem
CE-Kennzeichen gekennzeichnet.**

According to EMV-law 2004/108/EG PROGmatic fulfills all legal obligations. PROGmatic is CE-signed.

Steinau, den 01.11.2009


Dieter Herber,
EUROtronic Technology GmbH

This declaration certifies compliance with the standards mentioned but does not amount to an assertion of specific properties.

Guarantee

The guarantee period is three years and begins on the day of purchase. Please retain your sales slip as proof of purchase. During the guarantee period, defective PROGmatic devices can be sent to the repair address given below – sufficient postage must be affixed. Either a new or repaired device will then be sent to you free of charge. Following expiry of the guarantee period, you can still send the defective device to the address below for repair – sufficient postage must be affixed. Repairs carried out after the guarantee period are subject to charges. Your legal rights are not affected by this guarantee.

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