






EUROMATIK.NET



External Touch-screen Control Panel (Flush-mounted)

Item no. 212.070.0520

Function:

The  flush-mounted control panel enables remote control of important functions of the filter and back-flushing controller, EUROMATIK.net. In addition, any devices connected with the EUROMATIK.net via the  bus system such as the "WATERFRIEND MRD-3 dosing system" and the RGB floodlight can be controlled with the help of the DMX bus and  Colour control.

Technical Specifications:

Dimensions:	195mm x 175mm x 30mm
Operating voltage:	12 V safety extra low voltage
Max. line length:	50 m
Protection class:	IP 65

Installation site

The external control panel contains, among others, buttons to operate the swimming pool cover. This is why the external control panel must be installed only at a place that enables unrestricted view of the entire swimming pool. The external control panel should not be installed at locations from where the swimming pool cannot be observed unrestrictedly! It is not suitable for installation outside of buildings.

Electrical Connection:

The electrical connection as well as the work of adjustment and servicing should be carried out only by an approved electrician! The connection diagrams enclosed and the relevant safety provisions applicable must be observed and followed.

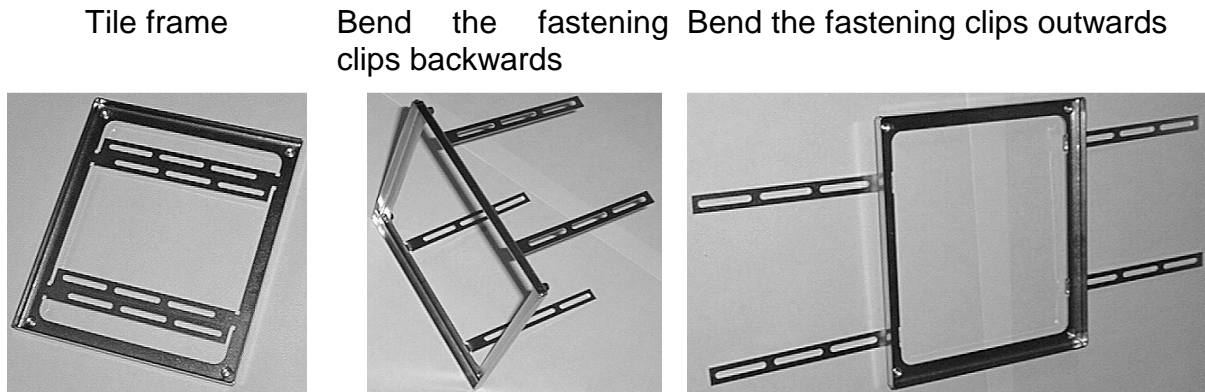
Installation:

The control panel is meant for flush mounting with the help of the tile frame supplied along with it. Before opening the housing, it is absolutely necessary to de-energize the device electrically.

The tile frame is installed by the agency laying the tiles while these are being laid.

1.) Preparing the tile frame:

Bend all four fastening clips backwards and then outwards.



2.) Make a recess in the wall at the installation location foreseen so that it can hold the wall box subsequently.

3.) Align the tile frame in front of the recess in the wall as follows:

- horizontally
- plumb-vertical
- ***the front edge of the tile frame must be flush with the tiles!***

4.) Fix the fastening clips with the help of screws or nails on the wall and fasten them with mortar or tile adhesive.

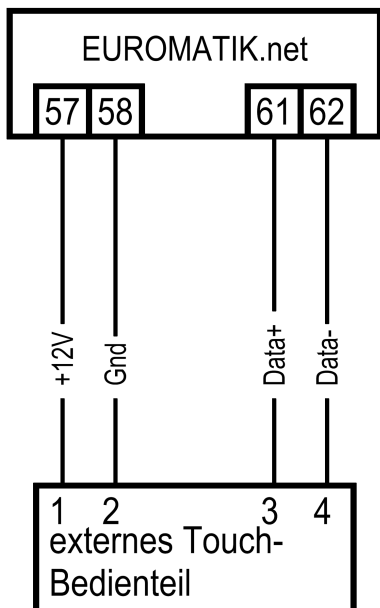
5.) Lay tiles up to just the outer edge of the tile frame.

Installing the **osf** - Control Panel in the Tile Frame

The installation of the control panel in the tile frame is done by an electrician after the tiles have been fixed to the wall and joined with one another.

- 1.) Route the connecting cable through the cable screw connection and then tighten the clamping screw of the bolted connection. The cable guide must be water-tight.
- 2.) Insert the metallic housing in the tile frame and fasten it with the 4 mm stainless steel screws enclosed. One screw each is tightened at the 4 corners.
- 3.) Clamp the cable to the control panel as illustrated in the installation and operation manual. The clamps are located on the rear side of the board.
- 4.) Insert the control panel into the housing and fasten it tightly with the screws enclosed on the metallic frame. In order to prevent ingress of water, all screws must be fixed in place and tightened. The gasket should not get damaged.
- 5.) Place the cover frame with the magnetic holder carefully. The magnets must grip into the recesses of the board in doing so.

Connection Diagram

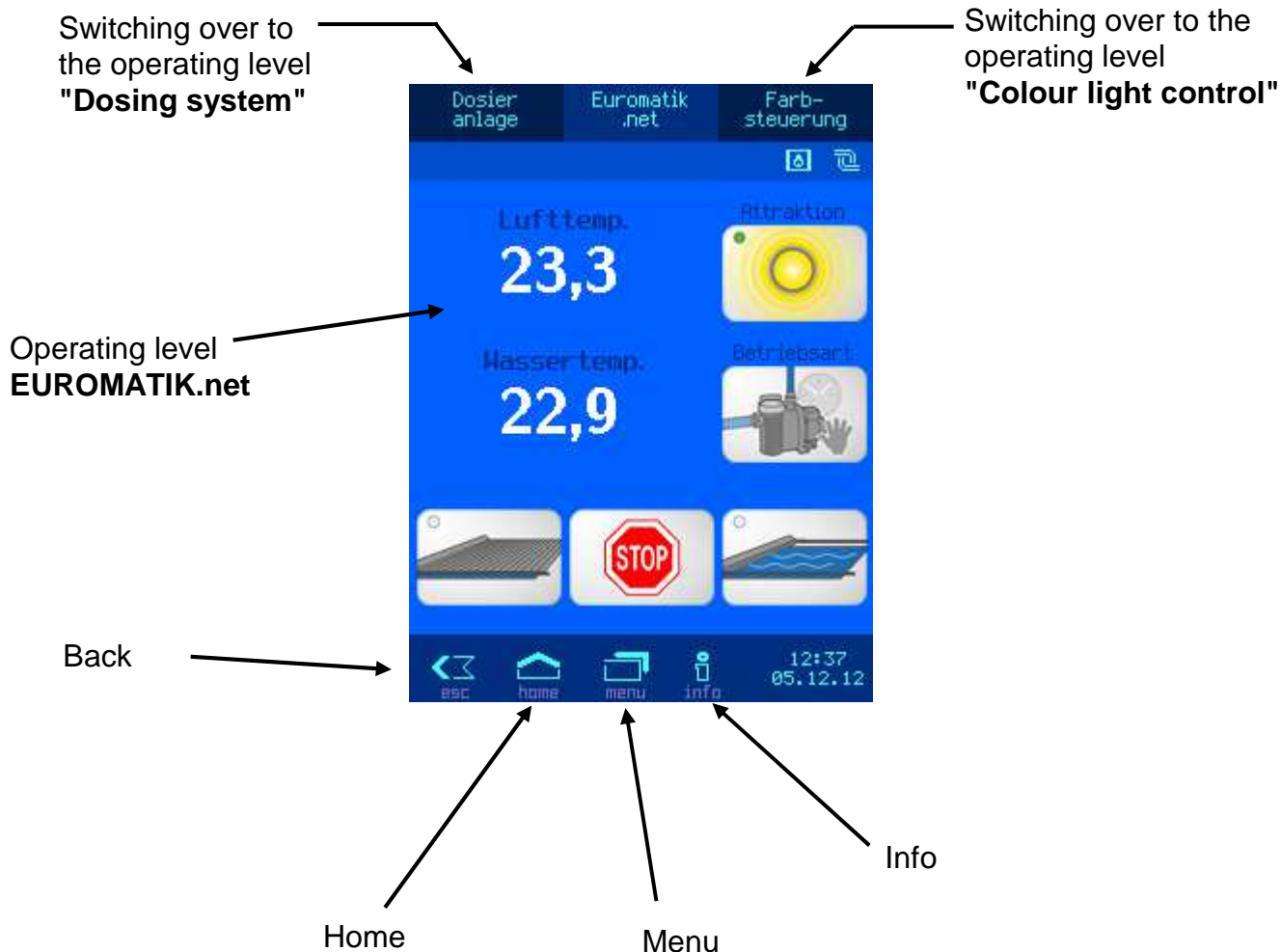


Connection to the filter of the back-flushing controller, EUROMATIK.net:

A 4-wire cable, 4 x 0.5 mm² (e.g. J-Y(St)Y 2 x 2 x 0.8, item no. 102.000.1012) with a maximum length of 50 m is used for connection to the filter back-flushing.

Laying the connecting cable near power cables should be avoided in order to rule out the possibility of interferences.

Operation:

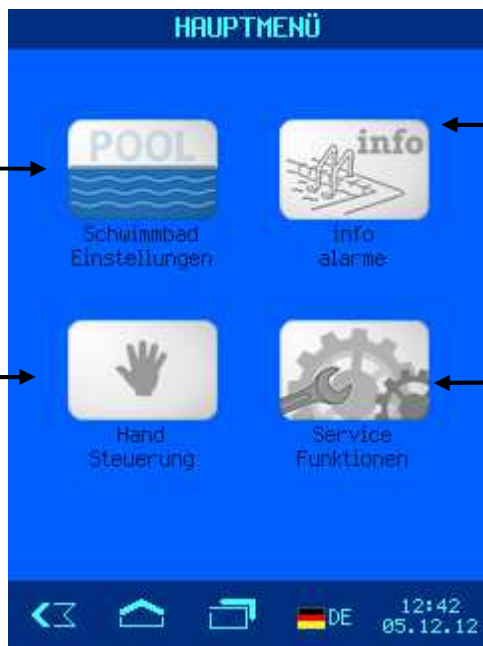


Swimming pool cover

Before operating this switch the swimming pool must be inspected visually. Only if it has been ensured that there is nobody in the swimming pool and that no hazardous situation can arise by moving the swimming pool cover, should the swimming pool cover be moved.



Switches for the swimming pool cover
← CLOSED / STOP / OPEN

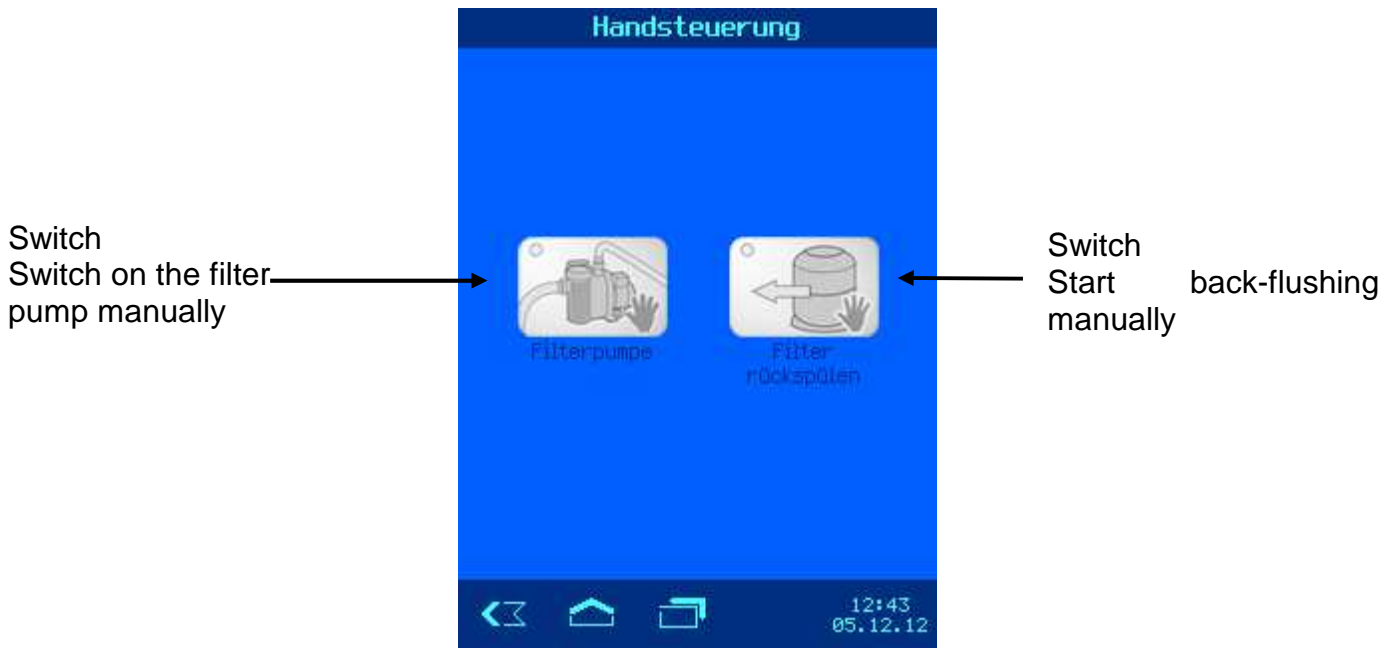


Switch for swimming pool settings

Switch Info level

Switch Manual mode

Switch Service settings



Settings level "Target values" for the swimming pool

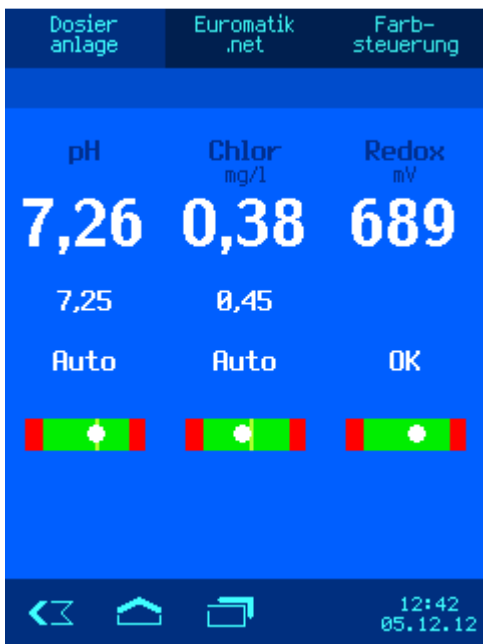


Info level for the "Swimming pool" and alarms



WATERFRIEND MRD-3 Dosing System

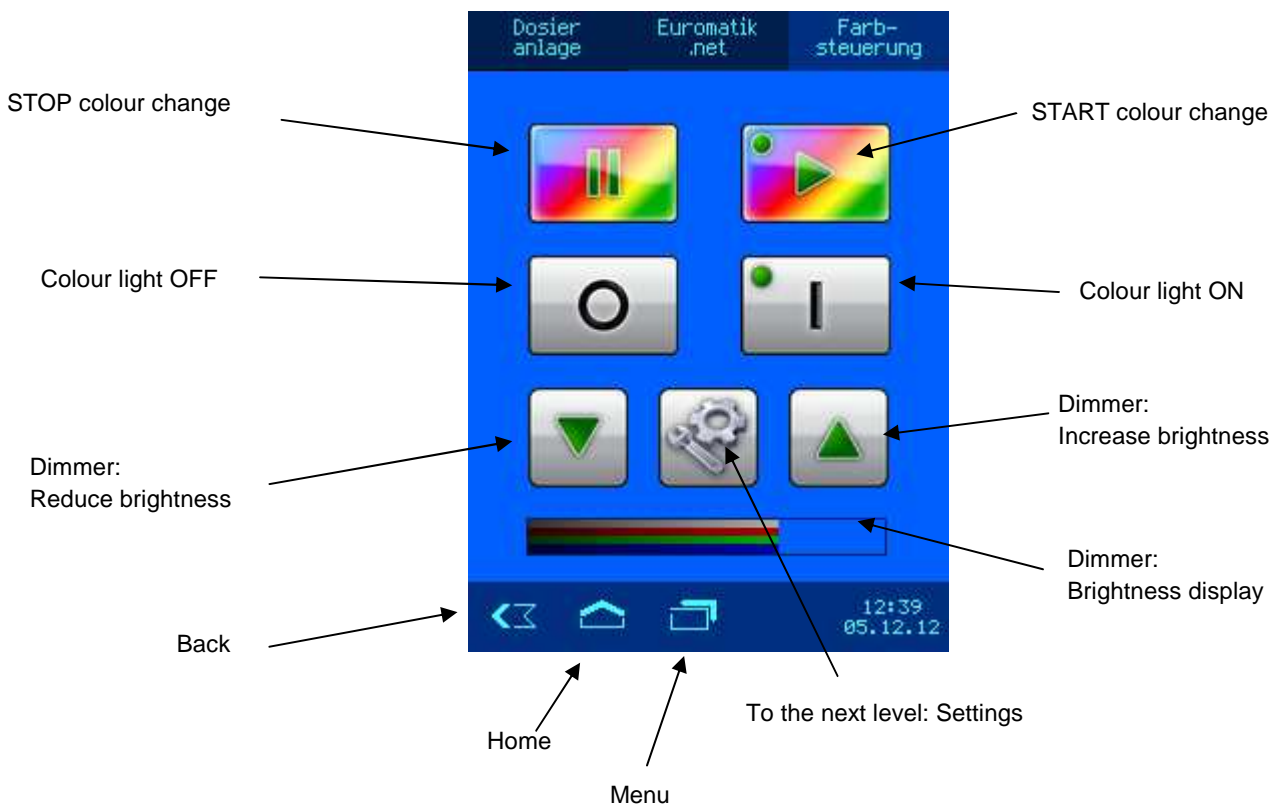
Info level for the "Dosing system"



Settings level for the "Dosing system"



Basic functions of the Colour Light Control



Colour Change Settings Level

Farbsteuerung
Einstellungen

Set the duration of the colour change	Farbwechsel Zeit in sek.	2	Colour change time in seconds
Set the colour duration	Farbdauer Zeit in sek.	2	Colour duration time in seconds
Configuring your own program	Programm Auswahl	1	Active program
Continue with the Settings level "Static colours"	Standardfarben		

12:41
05.12.12

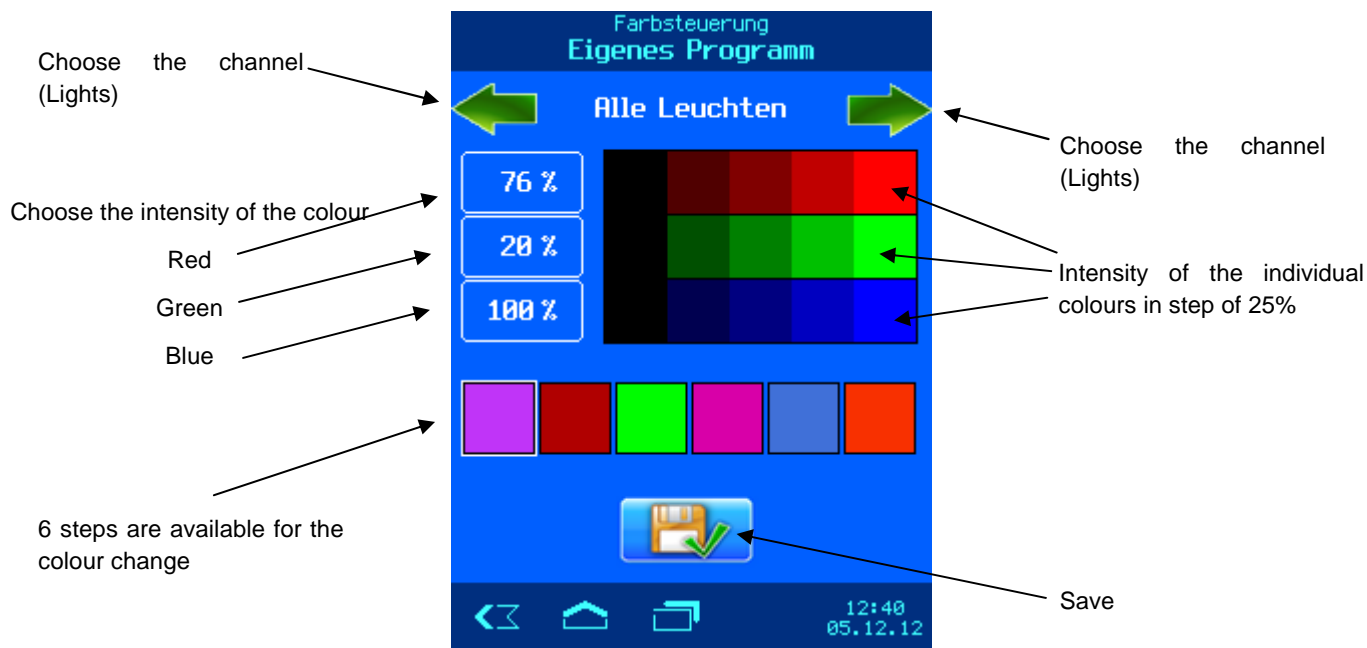
Choosing the Colour Change Program

Farbsteuerung
Programm Auswahl

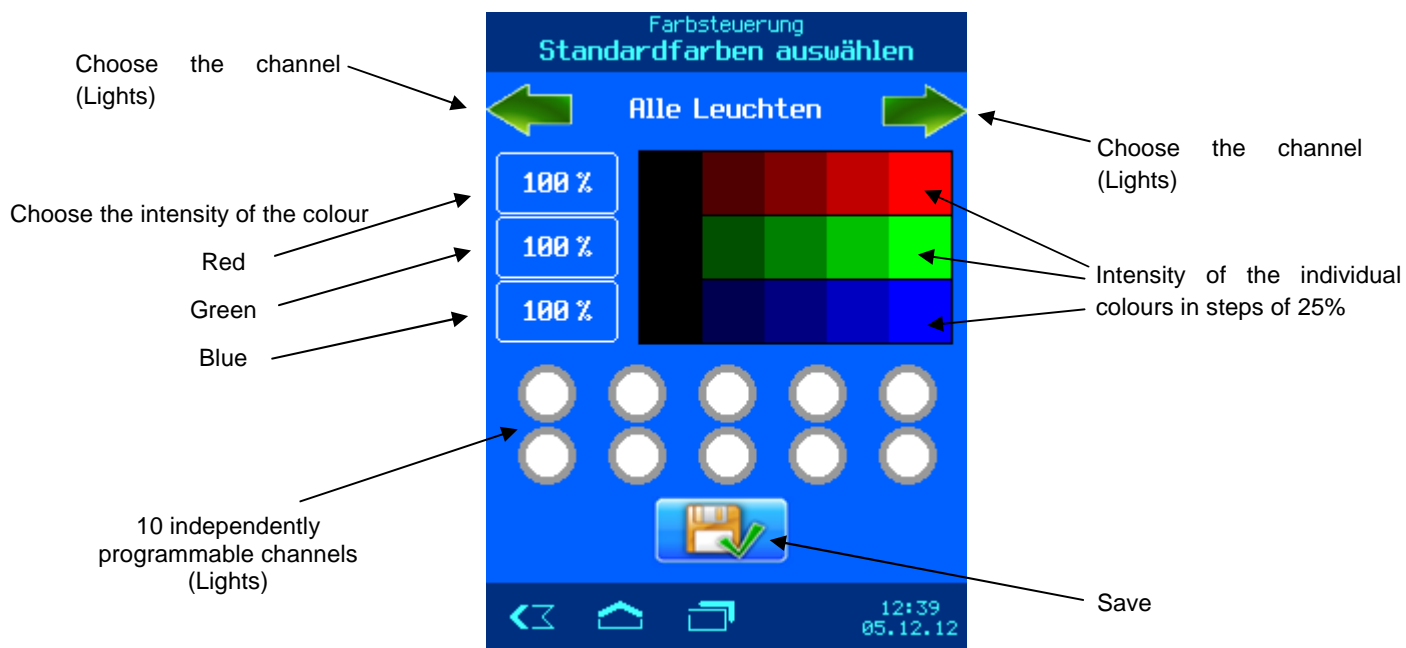
Your own program	Programm Nr.1	Red, Magenta, Blue, Cyan, Green, Yellow	The sequence of the colours is evident in these fields
Program 1	Programm Nr.2	Blue, Red, Green, Blue, Red, Green	
Program 2	Programm Nr.3	Cyan, Blue, Magenta, Red, Yellow, Green	
Program 3	Eigenes Programm	Magenta, Red, Green, Magenta, Blue, Red	

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Setting your own Program for the Colour Change



Setting static Colours



Please also observe and follow the installation and operation manual of EUROMATIK.net

We wish that you have immense pleasure and relaxation in your swimming pool.