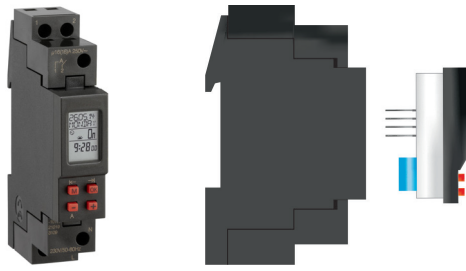


SANGAMO

Fit & forget...

71101 - Time switch with Astro function - 17.5mm

User Instructions



Safety Instructions

- ! The installation and assembly of electrical equipment must be only carried out only by a skilled Person! Otherwise fire danger or danger of an electric shock exists!
- ! Connect the supply voltage/frequency as stated on the product label!
- ! Warranty void if housing opened by unauthorised person!
- ! The electronic circuit is protected against a wide range of external influences. Incorrect operating may occur if external influences exceed certain limits!

Initial Operation & Setting

The time switch is delivered in sleep-mode, the display is switched off.

Press 'OK' button for 1 second to activate display.

- Note: By pressing 'M' you move one step backwards in display menu.
- Note: By pressing '-' or '+' you adjust a value or make a selection
- Note: By pressing 'OK' you accept a setting

Select desired language (English is default)

Accept date, adjust to GB time & accept Europe S/W time (European Daylight Saving). Automatic Summer/Winter time change active.

For Astro function to work you need to enter the geographical position for the installation. You can choose between "location" (to select pre-defined countries & cities) and "co-ordinates" (to enter longitude and latitude data). The easiest way is to select "location".

Select Great Britain and the nearest city to you from the preset locations: Aberdeen/Belfast/Birmingham/Bristol/Caernarfon/Carlisle/Glasgow/Inverness/Lincoln/London/Manchester/Newcastle/Dublin/Tullamore.

Selecting "Astro Preprogrammed" function will pre-set the Astro On & Off settings for the whole week (with no offset). Using "Program Modify" function you can adjust later if required.

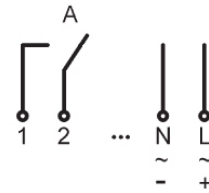
Selecting "Astro Not Preprogrammed" function will allow the user to set the Astro On & Off settings as desired using the New Program menu.

Data is saved and unit returns to main screen.

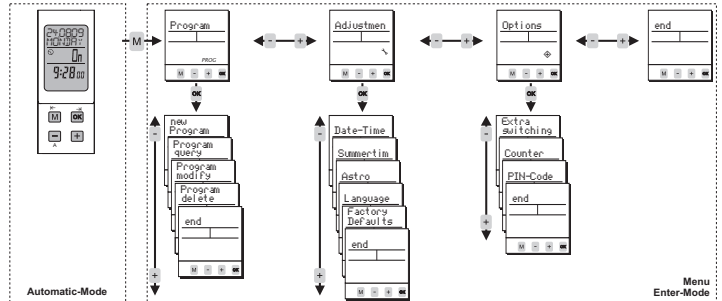
Symbol Legend

	Power plug symbol (flashing): While the power supply is disconnected, the display shows a power plug symbol (flashing). The time switch is then operated in the reserve mode. Press OK-button for 1 sec. to "wake up" the time switch.
On / Off / P	Channel is switched ON / Channel is switched OFF / Permanent
	For the current date the "holiday program" / "permanent by date" is activated
	Standard programming step
	Current state is based on a manual over-ride. The state will be cancelled with the next programming step.
1234567	Days of the week Monday, Tuesday, ... Sunday; The underscores indicate if the program is active for the days above.
	Astro function: Current state is based on a sunrise or sunset taking into account an optionally adjusted Offset.
	The time switch is locked; to unlock the device the PIN has to be entered.

Connection Diagram



Main Overview



Menu Program	
New Program	See "New Program" section (over)
Program Query	To query the programming steps and remaining memory locations
Program Modify	Within Program modify each single switching time can be modified
Program Delete	Deletion of switching time(s). The program for all channels, single channels and single programming steps within on channel can be deleted

Menu Adjustment	
Date/Time	Adjustment of date and time
Summer Time	Adjustment of the daylight saving time mode
Astro	Adjust your geographical position with pre-defined choice of regions/countries and cities or with longitude, latitude and time zone
Language	Choice of languages
Factory Defaults	Reset to the state of delivery. Date, time and switching program will be lost!

Menu Options	
Extra Switching Time	See 'Extra Switching Time' section
Counter	Displays the hour counter and pulse counter for each channel and the time switch itself
Program Modify	The time switch can be locked with a 4-digit PIN-Code. The code can be adjusted, activated and deactivated. If you have forgotten the Code please call customer service

Key Function

Automatic Mode	
M	To access the Enter-mode (program, adjustments, options) from the automatic-mode
A	To switch the channel ON or OFF until the next programming step occurs
OK	To activate the time switch when operated without power supply
Menu / Enter-Mode	
←	To revert to the beginning of the current (sub-) menu
-/+	To adjust the flashing digit. To scroll through a choice
→	To confirm the selection or the entered data

Channel ON/OFF/Permanent P

Channel ON/OFF

By pushing 'A' button a manual switch of the channel takes place. The resulting switching status is marked with the hand-symbol and remains until the next programming step occurs. (temporary over-ride)

Permanent switching status P

By pressing the channel button 'A' for more than 3 sec. the channel is permanently switched ON or OFF. The status remains until the action is repeated. (permanent over-ride)

Reset Function

Press all front keys for 2 seconds. The time switch is reset. The values for date and time will be deleted and have to be re-entered. The switching program has not been deleted!

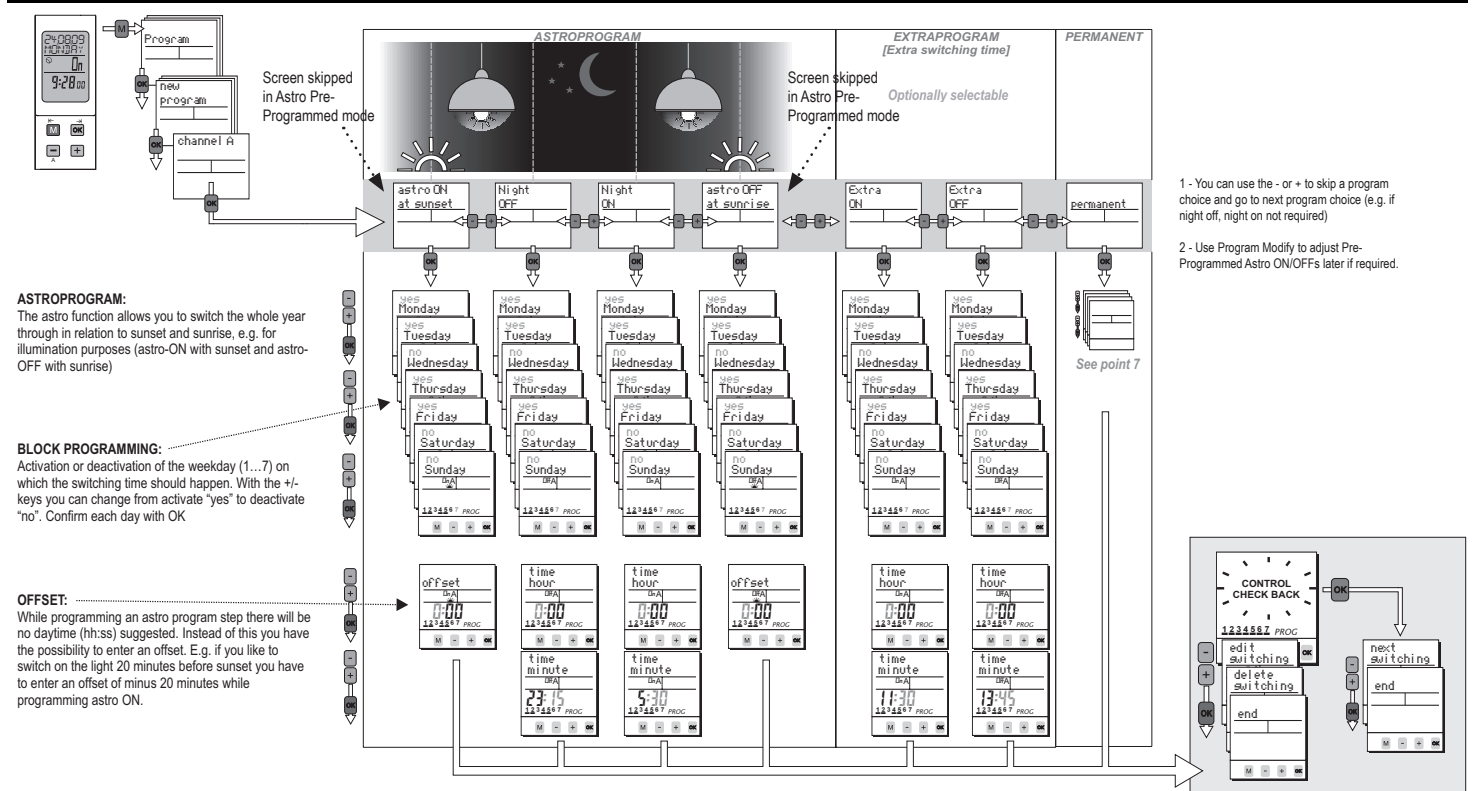
Program Holiday

One permanent by date programming step (holiday function) is possible. During the desired period (The function is valid for the whole days) the channel can be switched off (permanent off) or on (permanent on). The choice of permanent will not be offered anymore within the menu program when already in use. The switching time can be modified and deleted within Program modify and Program delete respectively. (See 'New Program' section)

Extra Switching Time

You can program further extra switching times, e.g. if you like to use a channel of the time switch for a non-Astro lighting-application. You have to activate the 'Extra Switching Times' within the Menu Options. The extra switching times works like a standard weekly program (ON/OFF). After activating the 'Extra Switching Time' it will be offered within the programming menu 'New Program'. (See 'New Program' section)

New Program



Battery

CR 1/3 N (LiMnO₂) 3 V.

Complies with Article 11, EU directive 2006/66/CE

SERVICE AND WARRANTY

Your product is not user serviceable. **PLEASE DO NOT TRY TO DISMANTLE THE UNIT.**

This product is guaranteed by your supplier for 5 years from the date of manufacture. If it should become defective please contact your installer or supplier for a replacement unit or visit www.sangamo.co.uk/returns

This product must meet Waste Electronic and Electrical Equipment Regulations (WEEE) for suitable environmental recycling, recovery and/or disposal. End of life products should be handled in line with local regulations. Alternatively return end of life product to Sangamo for correct disposal.

CUSTOMER CARE POLICY

As part of Sangamo's continuous improvement program, the company operates a Customer Care policy. This means we welcome your comments and complaints, as it can help us to improve our services to you, our customer.

Due to our policy of continuous product improvement and development, the specifications in this guide may be subject to change without prior notice.

If you have a problem or require any further information please contact us on: **01475 745131**

Sangamo Limited
Industrial Estate, Port Glasgow,
Renfrewshire, PA14 5XG

Tel **01475 745131**
Fax: **01475 744567**
Email: enquiries@sangamo.co.uk
Web: www.sangamo.co.uk



WEE/JH0069TY