

Pressing and holding **↵** for 5 seconds and selecting **CL** using **↕**, **↖**, **↗**

Adjusting the weekly settings

Example: The objective is to program the device such that it turns on at 4:15:37" on Tuesday and turns off at 21:26:50" on Wednesday with its output activated.

Saving all settings (Pressing and holding **↵** for 4 seconds)

Disabling all programs
By pressing and holding **↵** and the symbol **CL** along with a countdown from 5 appears on the screen. Once the countdown reaches zero, all the programs are disabled (In case some days of the month have been disabled, they are all activated by pressing and holding **↖**)

Indicators
4 indicators are available on the panel, the first one indicates the status of output, while the remaining three represent the monthly, weekly, and daily modes. The activated indicator shows the program currently set on the device.

Possible Error
When programming the device, one of the two following errors may appear on the screen, which will remain until you re-enter the settings and resolve the problem.

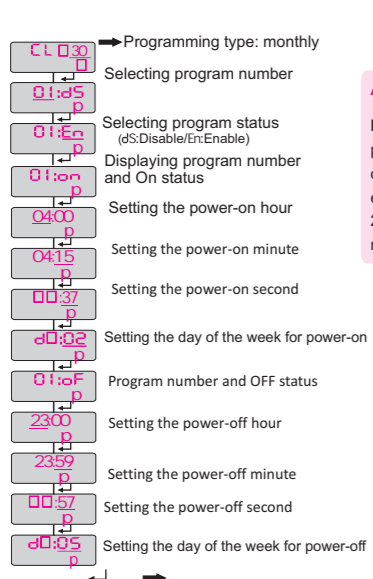
- If duplicate programs with the same power-off and power-on times exist, the error **eq:nn** appears, where nn is the program number.
- If two programs interfere, the error **mm:nn** is displayed, where mm and nn are the numbers for the interfering programs.

Solution

- Disable all the programs (which can be done by pressing and holding **↵** for 5 seconds), and reprogram the device.
- Enter the settings and modify the programs indicated by the error.

Note 1: The same instructions should be followed if you intend to enter multiple programs. The only difference is the program number which should be changed accordingly.

Note 2: The lit indicator for the output shown the active status of the relay.



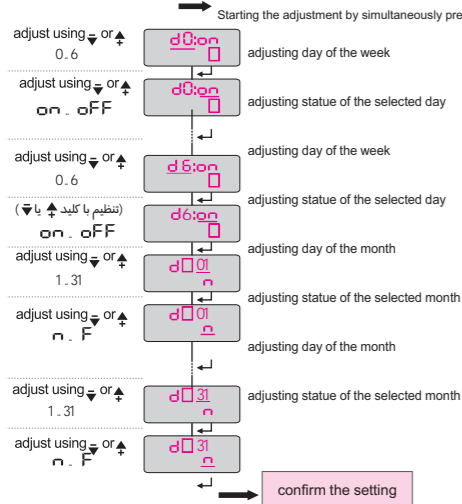
Pressing and holding **↵** for 5 seconds and selecting **CL** using **↕**, **↖**, **↗**

Adjusting the monthly settings

Example: The objective is to program the device such that it turns on at 4:15:37" on the second day of every month and turns off at 23:59:57" on the fourth day of every month.

Saving all settings (Pressing and holding **↵** for 4 seconds)

Settings for disabling and enabling the desired days in a week or month



All days of the week and month are activated (ON) by default, and the following instructions should be followed to disable (OFF) the considered days.

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Respecting the customer is our duty

- 3 year no question asked guarantee under these conditions;
- at most it should be within 3 years from the date printed on the label of the product
 - the label on the product should be safe and sound

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented



customer support: (+98)3135723690-1
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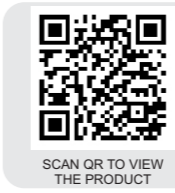
Shiva Amvaj Company is also presenting services in cyberspace

Shiva Amvaj number: 0098 913 403 4351

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TIME SWITCH



MODEL: STB-50PM
CODE: 12B3
WEIGHT: 155 gr
(72 x 86 x 60) mm
IP 30

VER: 9801

The shivaamvaj time switch offers 50 adjustable daily, weekly, and monthly programs with each having an ON and OFF time. Adjustable parameters in the daily, weekly, and monthly modes are as follows:
Daily: hour, minute, and second
Weekly: hour, minute, second, and day of the week
Monthly: hour, minute, second, day of the month.
In the daily mode, the operating days can be activated/deactivated with respect to the days in the week or month, and in the monthly mode, with respect to the days in the week.

Features

- Lithium batteries with a durability of more than 5 years (removable)
- Ability to store date, hour, and all the settings in case of power outage
- Displaying:
 - Date, hour, and weekdays,
 - Errors and adjustable messages
- 4 indicators to display different programs
- Capabilities:
 - Activating or deactivating programs in specific days
 - Adjustment of the rates with a minimum precision of 1 second and maximum precision of 1 month.
 - Execution of 50 different programs on a daily, weekly, or monthly basis
 - Adjustment of output for each program.
 - Displaying relay output

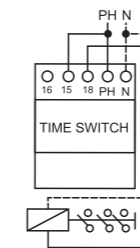
Technical specifications

- Supply voltage: 180-250 VAC / 50-60 Hz
- Ambient conditions:
 - Temperature: -20 to +65
 - Humidity: 70%
- Output: relay 5A

Installation manual

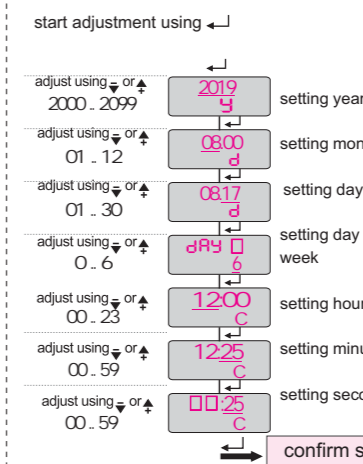
Mount the device at the desired level on the rail inside the enclosure or using the rail provided in the package (use the Shiva Amvaj Panel Case for mounting outside the enclosure). Then, connect the supply voltage and adjust according to the instructions.

Note 1: Avoid directly connecting capacitive loads, switching, or LED drivers to the device as such consumers drain excessive start-up currents. Instead, external relays or appropriate contactors must be used.



Timer and date adjustment

Note: In the tables, the bold underlined texts indicate the blinking mode, while the symbol **□** indicates an OFF digit. Values and numbers can be changed using the **↕**, **↖**, **↗** buttons, and changes can be accepted by **↵**. The allowed range for each parameter is demonstrated below **↕**, **↖**, **↗**



Example: Assume the timer and date for the command should be set on the date Friday 17/08/2018 at 12:25:25"

The weekdays are defined as follow

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Note: The maximum value for day depends on the adjusted month and year, which can be 31, 30, or 29, 28.
Note: Changing the hour and date is applied only when all the adjustment steps are taken.

Note: If the battery is empty, the message bat starts blinking on the screen, which requires changing the battery and re-adjusting the timer.

To start the adjustment process (daily, weekly, monthly), press and hold **↵** for 5 seconds, after which the word SET appears on the device display

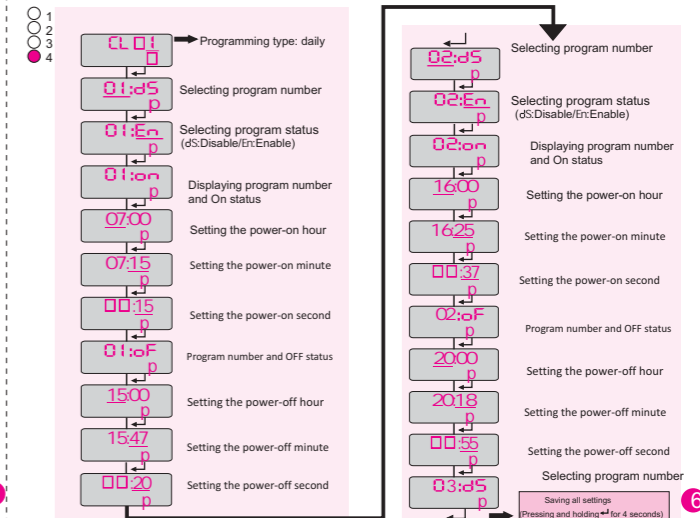
Adjusting on the daily mode

- Example 1:** Assume the two following commands are to be set on a daily basis by the device:
- Turning on at 7:15:15" and turning off at 15:47:20".
 - Turning on at 16:25:37" and turning off at 15:47:20".

To set these two programs, follow the instructions in Page 6. Note the followings before starting the adjustment:

- If you need the program to run on a daily basis, set the configurations in the daily menu (you can also deactivate the program on some days if required).
- When finished programming, you can save the settings and exits by:
 - Pressing and holding the button **↵** for 4 seconds, or
 - Adjusting all the programs (each of the 50 programs)
- To exit the adjustments without saving:
 - Simultaneously press **↕** and **↖** Leave the device idle for 30 seconds.

Pressing **↵** and holding for 5 seconds and selecting **CL** using **↕**, **↖**, **↗**



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