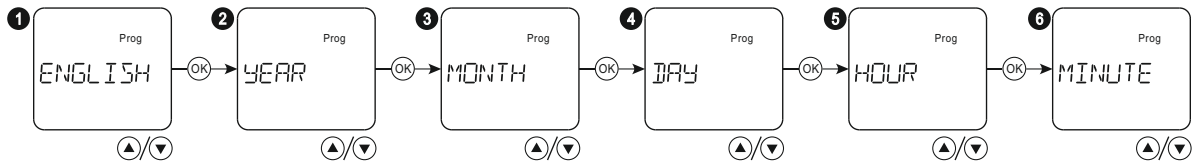


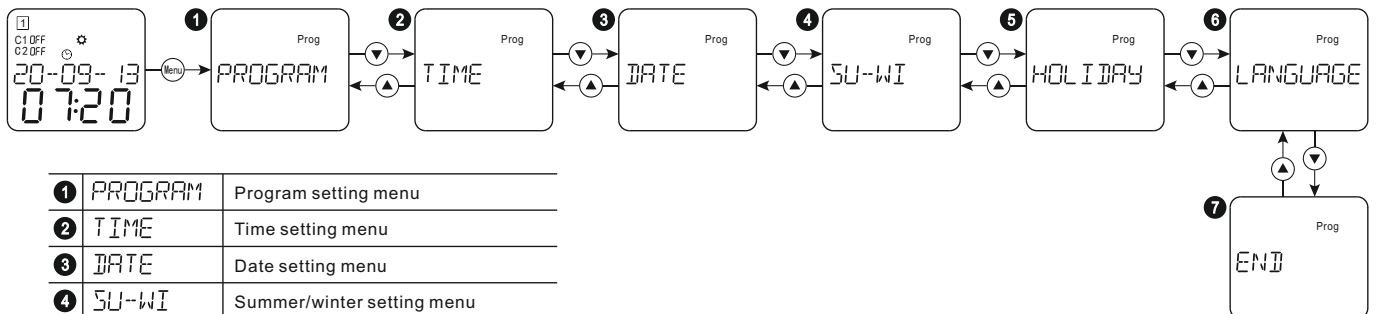
□ Initial operation



- 1 Select the desired language with “▲▼” keys and press “OK” key.
- 2 Select adequate year with “▲▼” keys and press “OK” key.
- 3 Select adequate month with “▲▼” keys and press “OK” key.
- 4 Select adequate day with “▲▼” keys and press “OK” key.
- 5 Select adequate hour with “▲▼” keys and press “OK” key.
- 6 Select adequate minute with “▲▼” keys and press “OK” key.

Note: If the settings were not ended and no operation by keys for 2 minutes, device will return to ENGLISH menu.

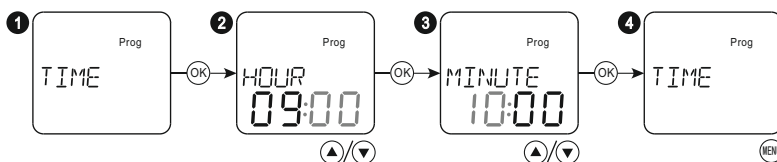
□ Main menu



1	PROGRAM	Program setting menu
2	TIME	Time setting menu
3	DATE	Date setting menu
4	SU-WI	Summer/winter setting menu
5	HOLIDAY	Holiday mode setting menu
6	LANGUAGE	Language setting menu
7	END	End settings and exit from menu

- Press **MENU** key to enter menu setting, and symbol **Prog** appears.
- If not pressing any keys for 2 minutes, the device will automatically exit from setting.
- Select the desired menu by pressing “▲▼” keys.

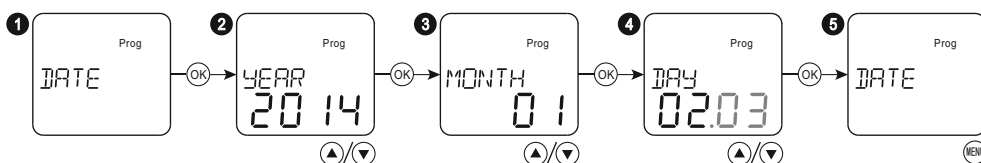
● Set time



- 1 Select **TIME** and press “OK” key.
- 2 Select adequate hour with “▲▼” keys and press “OK” key. adjusting range is 0~23.
- 3 Select adequate minute with “▲▼” keys and press “OK” key. adjusting range is 0~59.
- 4 Return to last menu by pressing “MENU” key.

Long press ▲ 0.5s, increase the numerical value rapidly
 Long press ▼ 0.5s, decrease the numerical value rapidly

● Set date

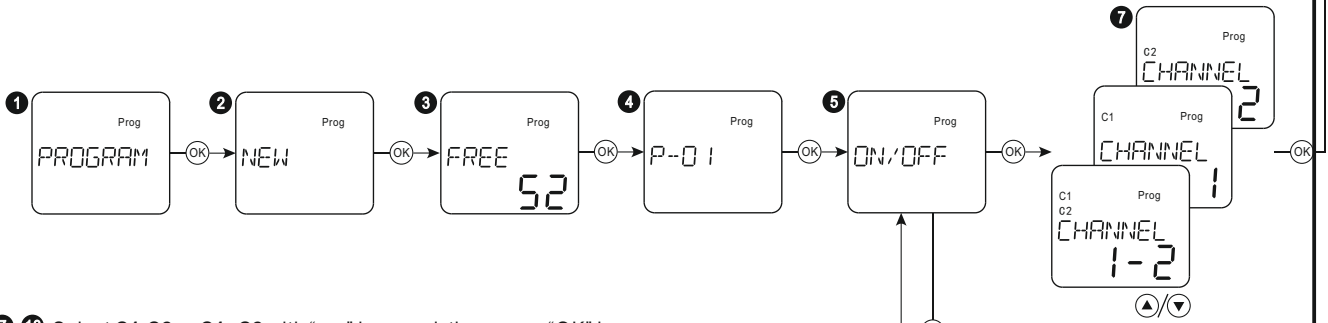
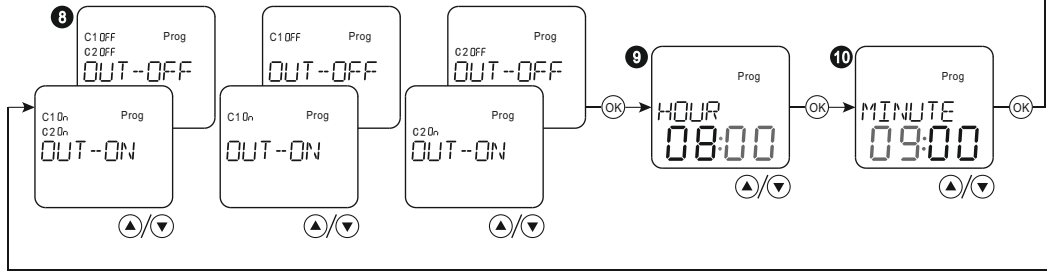
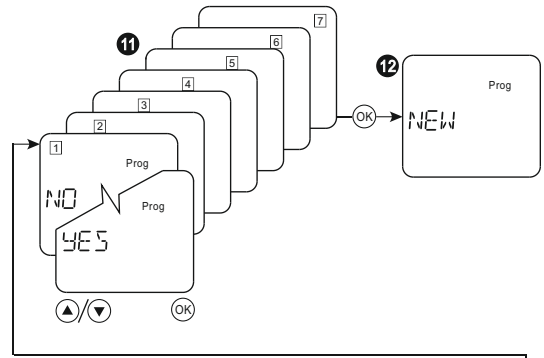


- 1 Select **DATE** and press “OK” key.
- 2 Select adequate year with “▲▼” keys and press “OK” key. adjusting range is 2000~2095.
- 3 Select adequate month with “▲▼” keys and press “OK” key.
- 4 Select adequate day with “▲▼” keys and press “OK” key.
- 5 Return to last menu by pressing “MENU” key.

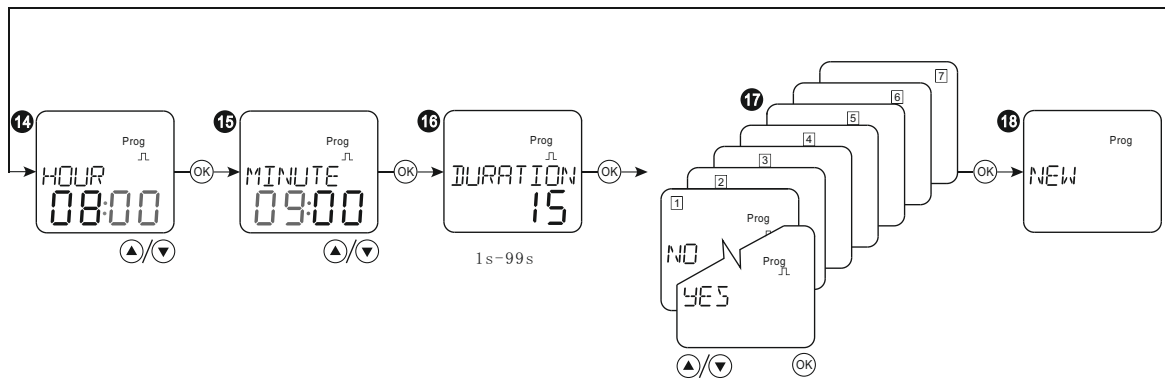
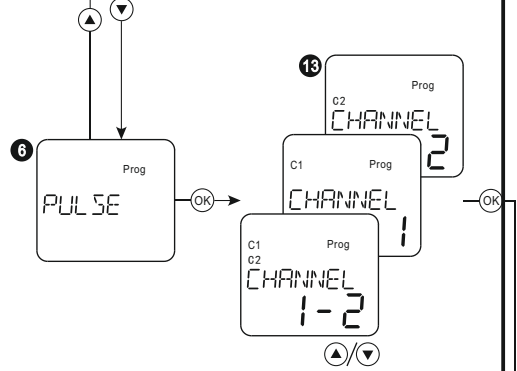
Long press ▲ 0.5s, increase the numerical value rapidly
 Long press ▼ 0.5s, decrease the numerical value rapidly

● Create a program

- 1 Select **PROGRAM** and press "OK" key.
- 2 Select **NEW** and press "OK" key.
- 3 Display the free memory spaces briefly.
- 4 Display the number of new program and press "OK" key.
When the programs memory is full, new program will not be created, symbol "FULL" appears on the screen.
- 5 Select **ON/OFF** mode.
- 6 Select **PULSE** mode.

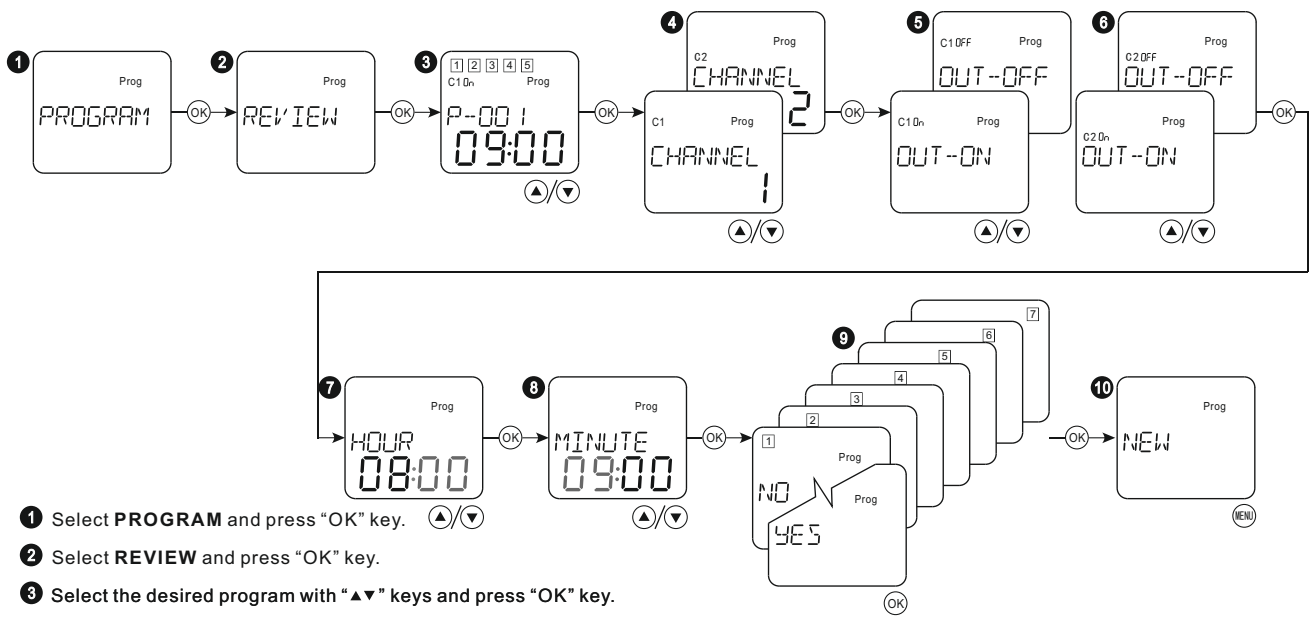


- 7 13 Select **C1, C2** or **C1+C2** with "▲▼" keys and then press "OK" key.
- 8 Display the output state of channels.
Select **OUT-ON** or **OUT-OFF** with "▲▼" keys and then press "OK" key.
- 9 14 Set the hour with "▲▼" keys and press "OK" key.
- 10 15 Set the minute with "▲▼" keys and press "OK" key.
- 11 17 Set the program activity on a week day(from Monday to Sunday) with "▲▼" key
If YES is selected, program operation is enabled for flashing day. If NO is selected, program is not used for flashing day.
- 12 18 Return to last menu by pressing "MENU" key.
- 16 Set the duration of pulse, setting range is 1-99s.



Long press ▲0.5s, increase the numerical value rapidly
Long press ▼0.5s, decrease the numerical value rapidly

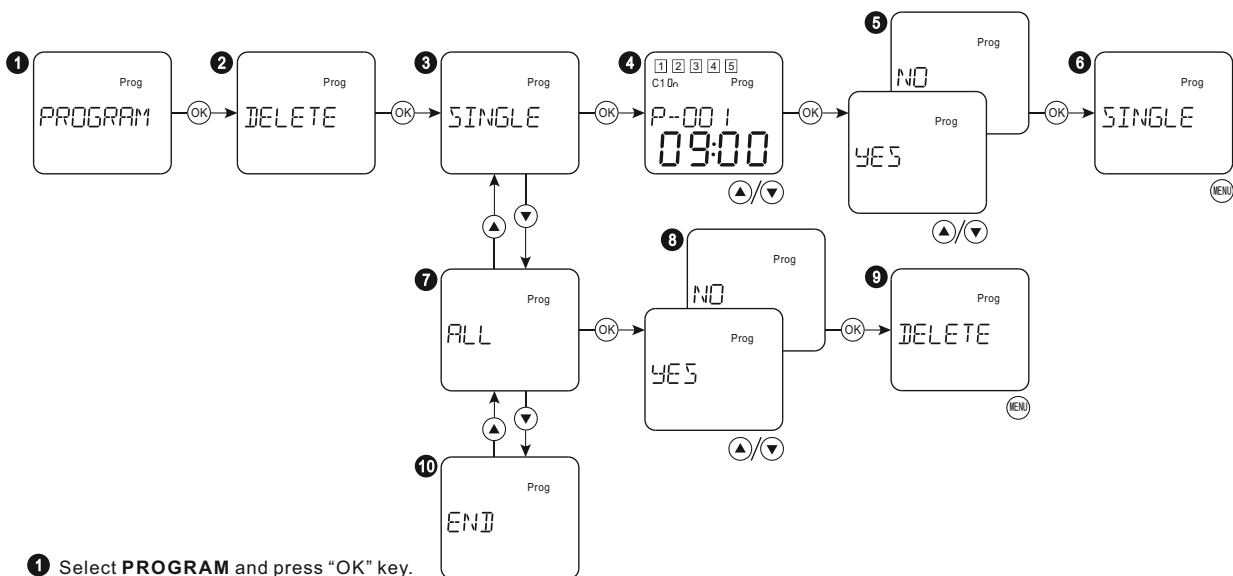
● Modify a program



- 1 Select **PROGRAM** and press "OK" key.
- 2 Select **REVIEW** and press "OK" key.
- 3 Select the desired program with "▲▼" keys and press "OK" key.
- 4 Select channel **C1** or **C2** with "▲▼" keys and press "OK" key.
- 5 Display the output state of channel 1. Select **OUT-ON** or **OUT-ON** with "▲▼" keys and then press "OK" key.
- 6 Display the output state of channel 2. Select **OUT-ON** or **OUT-ON** with "▲▼" keys and then press "OK" key.
- 7 Set the hour with "▲▼" keys and press "OK" key.
- 8 Set the minute with "▲▼" keys and press "OK" key.
- 9 Set the program activity on a week day(from Monday to Sunday) with "▲▼" keys.
If **YES** is selected, program operation is enabled for flashing day. If **NO** is selected, program is not used for flashing day.
- 10 Return to last menu by pressing "MENU" key.

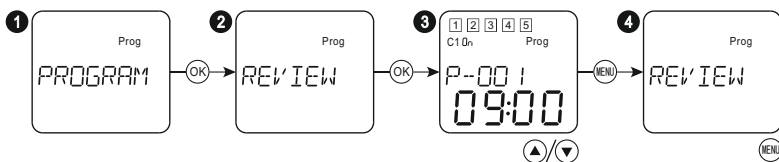
Long press ▲0.5s, increase the numerical value rapidly
Long press ▼0.5s, decrease the numerical value rapidly

● Delete a program



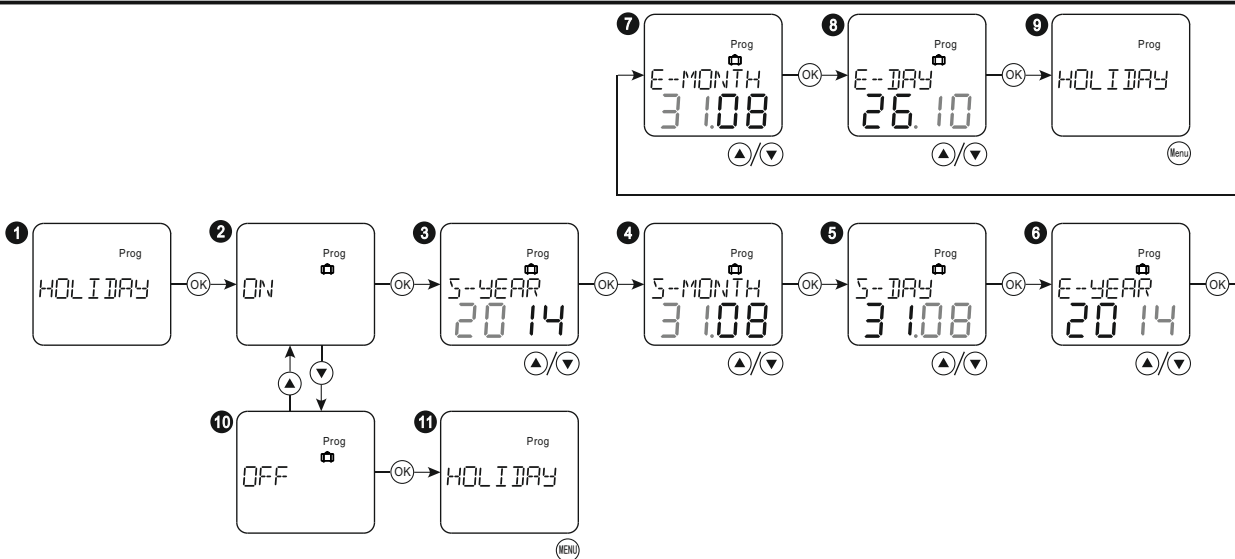
- 1 Select **PROGRAM** and press "OK" key.
- 2 Select **DELETE** and press "OK" key.
- 3 Select **SINGLE** to delete single program and press "OK" key.
- 4 Select the desired program with "▲▼" keys and press "OK" key.
- 5 Select **YES** or **NO** with "▲▼" keys and press "OK" key.
- 6 Return to **SINGLE** sub-menu, Exit from the setting by pressing "Menu".
- 7 Select **ALL** to delete all programs and press "OK" key.
- 8 Select "YES" or "NO" with "▲▼" keys and press "OK" key.
- 9 Return to **DELETE** sub-menu, Exit from the setting by pressing "MENU".
- 10 End program setting.

● Create a program



- 1 Select **PROGRAM** and press "OK" key.
- 2 Select **REVIEW** and press "OK" key.
- 3 View the operation of the set programs with "▲▼" keys and press "OK" key.
- 4 Exit from the setting by pressing "MENU" key.

● Holiday program

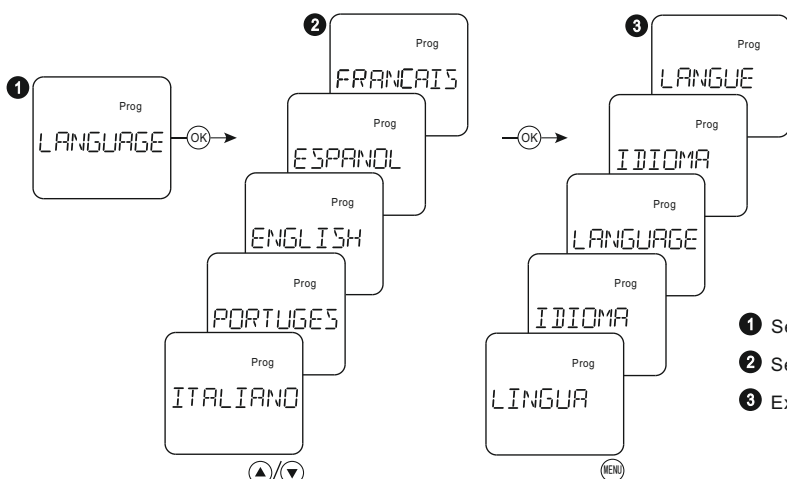


- 1 Select **HOLIDAY** and press "OK" key.
- 2 Select **ON** to activate holiday mode and press "OK" key.
- 3 Set the start year of holiday with "▲▼" keys and press "OK" key.
- 4 Set the start month of holiday with "▲▼" keys and press "OK" key.
- 5 Set the start day of holiday with "▲▼" keys and press "OK" key.
- 6 Set the end year of holiday with "▲▼" keys and press "OK" key.
- 7 Set the end month of holiday with "▲▼" keys and press "OK" key.
- 8 Set the end day of holiday with "▲▼" keys and press "OK" key.
- 9 Return to **HOLIDAY** menu. Exit from the setting by pressing "MENU" key.
- 10 Select **OFF** to deactivate holiday mode and press "OK" key.
- 11 Return to **HOLIDAY** menu. Exit from the setting by pressing "MENU" key.

Long press ▲ 0.5s, increase the numerical value rapidly |
 Long press ▼ 0.5s, decrease the numerical value rapidly |

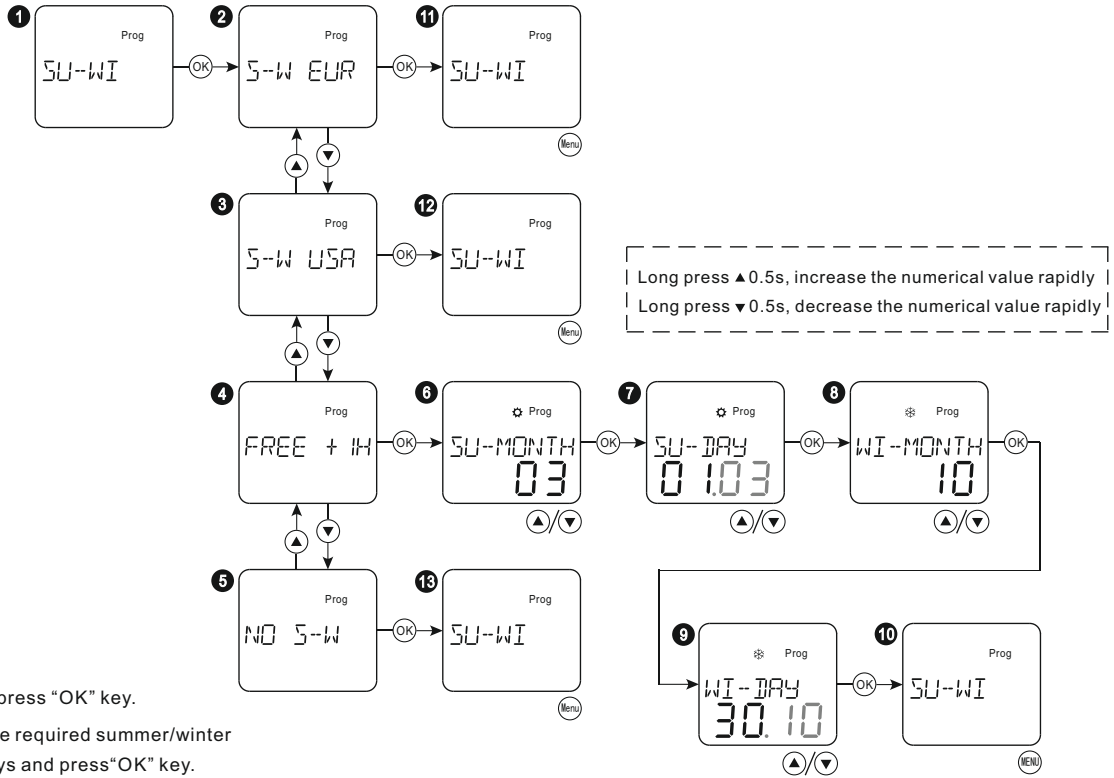
□ Language setting

● Select menu language



- 1 Select **LANGUAGE** and press "OK" key.
- 2 Select the desired language with "▲▼" and press "OK" key
- 3 Exit from the setting by pressing "MENU" key.

● Switchover Summertime/winter time

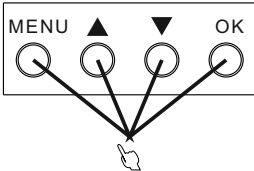


Long press ▲ 0.5s, increase the numerical value rapidly
 Long press ▼ 0.5s, decrease the numerical value rapidly

- 1 Select **SU-WI** and press "OK" key.
- 2 3 4 5 Select the required summer/winter mode with "▲▼" keys and press "OK" key.
- 6 Set the start month of summer time and press "OK" key.
- 7 Set the start day of summer time and press "OK" key.
- 8 Set the start month of winter time and press "OK" key.
- 9 Set the start day of winter time and press "OK" key.
- 10 11 12 13 Return to last menu by pressing "MENU" key.

Display	Function	Summer switching	Winter switching
S-W EUR	Europe sum/win	Last Sunday in March	Last Sunday in October
S-W USA	U.S.A sum/win	Second Sunday in March	First Sunday in November
FREE + 1H	Free sum/win	Freely programmed	Freely programmed
NO S-W	No sum/win	None	None

□ Reset



Press the four keys simultaneously for 0.5 seconds to reset automatically. The device was restored to factory settings.

□ Keys combination for MANUAL control

○ AUTO/MANUAL

▲▼ Press "▲▼" keys simultaneously, the output state of channel 1 switches to MANUAL. When the output states of other operation modes was changed, Manual mode exits automatically.

▼ OK Press "▼" and "OK" keys simultaneously, the output state of channel 2 switches to MANUAL. When the output states of other operation modes was changed, Manual mode exits automatically.

○ PERM ON/PERM OFF

▲▼ Press "▲▼" keys simultaneously for 2s, the output state of channel 1 switches to PERM ON/PERM OFF. flashes.

▼ OK Press "▼" and "OK" keys simultaneously for 2s, the output state of channel 2 switches to PERM ON/PERM OFF. flashes.

AUTO	AUTO mode
MANUAL	MANUAL mode
PERM ON	PERMANENT ON mode
PERM OFF	PERMANENT ON mode

□ Wiring diagram

