

# OPERATING INSTRUCTIONS - PIL-19/99MMT REMOTE CONTROL

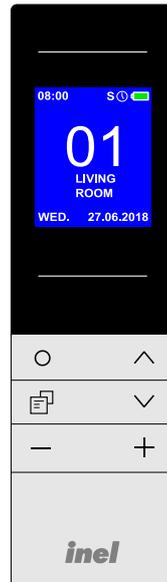
Remote control with clear colour graphic display, the option to name individual channels and timed programs using an astronomical clock.

The remote control is available in two versions, depending on the number of available channels:

- **PIL-19MMT** – 19-channel remote control,
- **PIL-99MMT** – 99-channel remote control,

The remote control has six buttons:

- STOP/ OK button
- ☰ MENU button
- + "plus" button
- "minus" button
- ^ "up" button
- ∨ "down" button



## 1. MENU:

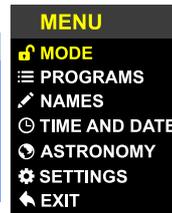
To enter the remote control menu, press and hold the ☰ (MENU) button for at least 2 seconds.

The MENU consists of the following options:

- **MODE** - channel selection mode settings
- **PROGRAMS** - timed program settings
- **NAMES** - assigning names to channel numbers
- **TIME AND DATE** - setting date and time
- **ASTRONOMY** - setting geographic coordinates and sunrise and sunset times
- **SETTINGS** - language, display contrast, home screen background and text colour and roller blind partial opening degree
- **EXIT** - return to the previous screen

### Menu navigation:

Button	Operation	Comments
^ ∨	Selecting options from main menu	The current option will be highlighted in another colour
	Selecting options from submenu	The current option will be marked with white lines
- +	Changing options for the selected menu option	
○	Confirming menu options	
	Selecting/unselecting options	



### MODE

IN the MODE menu option you can enable full or short channel selection mode, or hide/show channels with no defined names.

IN the short mode you can limit the number of channels by showing only channels in use. Channels are switched sequentially with the - and + buttons. The short mode is marked by an S in the top right corner of the display.

You can turn the channel hiding on/off (select/deselect it) by pressing the ○ button.



### PROGRAMS

In the PROGRAMS option you can set and modify the programs of automatically opening, closing, as well as partial opening specific roller blinds and turning the roller blinds on/off at specific times and days of the week.

To define a program you must:

- ✓ **set time and date in the option MENU/ TIME AND DATE,**
- ✓ **select program number (PROGRAMS/ PROGRAM) with the - and + buttons and activate it with the ○ button,**



Thirty programs are available, numbered 01-30. Programs can be turned on or off. To turn all programs on (TIMED PROGRAMS ACTIVE) or off (TIMED PROGRAMS INACTIVE) select program number '00' and press the ○ button a few times until you get the desired effect. To turn one program on or off, select the number of this program (PROGRAMS/ PROGRAM) and press the ○ button a few times until you get the desired effect. If a program is inactive, its menu will be unavailable (greyed out).

- ✓ **select channel number (CHANNEL) for which the given program is to be executed,**
- ✓ **select type of action (ACTION: ▲ - opening the roller blind or turning on the light, ▼ - closing the roller blind, ▲ - partially opening the roller blind (see SETTINGS/ PARTIAL), ● - turning the light off,**
- ✓ **select week days (M T W T F S S) during which the program is to be active. All days are on by default.**

To exclude a day from the program, select it with the - and + buttons (the selected day will be marked with a red border) and press the ○ button.



✓ **select action time (TIME).**

Here you can set:

- time: hours and minutes or
- Sun symbol ☀ or Moon symbol ☾

The Sun and Moon symbols show below 00 or above 23.

If you select the Sun or Moon symbol, the system will set sunrise or sunset times (for each day) for the geographic coordinates of your location entered previously in the ASTRONOMY menu option. You can adjust these times by +/- 60 minutes (CORR option, buttons — and +).

In the above example (see PROGRAM screen images) the roller blind in the living room will be opened every day at 6:15 (PROGRAM: 01) and closed every day 30 minutes after sunset (PROGRAM: 02).

WARNING! Timed programs are run only if clock icon is shown in the top right corner of the display, beside the battery icon. ⌚

## NAMES

You can assign a name to any channel. The name can be max. 16 characters long: these include capital letters and digits in two lines, max. 8 characters each.

The character (selected with — and + buttons) selected in the given line is marked with red border. To confirm the character, press O. The character will be entered in place of the cursor\_. To enter a space, move the cursor with the + button. To delete a character, select it with the cursor and press O. To confirm the name, change channel number (CHANNEL) or exit the menu (BACK).

Long press the O button to delete the entire name.



## TIME AND DATE

In this option you can turn summer time on or off, set time (hours and minutes), year, month and day.

Setting time: after selecting TIME AND DATE the hours digits will be flashing - set the hour with the — and + buttons.

To set minutes, press V; the cursor will be flashing at the minutes position, set minutes with the — and + buttons.

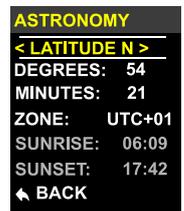
To turn summer time on or off, select/deselect SUMMER TIME (with the O button). The summer time mode will not be enabled automatically (you must do this manually).

To set year, month and day use the — and + buttons, just like with time.



## ASTRONOMY

In this option you can set the geographic coordinates of your location, i.e. LONGITUDE and LATITUDE and time ZONE. Sunrise and sunset times for the current date will appear automatically.



## SETTING

LANGUAGE: English (EN), French (FR), German (DE), Polish (PL) (select with the — and + buttons)

CONTRAST: setting display contrast in a 10 degree range

COLOURS: home screen text colour (TEXT) and home screen background colour (BACKGROUND)

PARTIAL: consists in leaving gaps between roller blind slats after it is completely closes. In the CHANNEL option you must select the channel number for the partial opening. The size of the gap will be directly proportional to the GAP parameter, which you can set between 0 and 15.

Partial opening will be activated if you select a channel in the MENU/ PROGRAMS option for which the partial parameter was set and the partial opening ACTION was selected ( icon).

FACTORY SET.: reset to factory settings.



Warning! All user settings (channel names, timed programs, time and date, geographic coordinates) will be deleted.

## EXIT

The EXIT option allows you to exit the menu. In a submenu, the BACK option will allow you to go back to the previous screen.

## 2. REGISTERING REMOTE CONTROLS

Controlling a channel from the PIL-19/99MMT is possible after registering that channel for the given drive or controller.

To control all channels registered in the remote, select channel number '00'.

You can enter the programming mode in our devices by doing the following:

### ❖ First programming for wireless drives and ST-01RL controllers:

- select channel number on the remote,
- connect the drive/controller to a 230 VAC power supply,
- within 10 seconds from startup, short press the ^ and V buttons on the remote at the same time (the display will show ◊),
- the motor will move up and down.
- within the next 10 seconds short press the ^ button on the selected remote control channel,
- the registration will be confirmed by a short up-down movement.



WARNING! The procedure will erase all previously registered remote controls from the drive memory.

#### ❖ **Programming the ST-01R controller:**

- press the S1 programming button - the LED will flash and then light up,
- then short press the  $\wedge$  button on the remote,
- the controller will signal the registration by flashing the LED green and red,

#### ❖ **When you already have a registered remote control**

Subsequent remote controls are registered without turning the power off. Switch the drive/controller into the programming mode with a previously registered remote control.

- short press the  $\wedge$  and  $\vee$  buttons on a programmed remote channel simultaneously.
- the drive will move up and down and then make a series of short up and down movements (in the number equal to the number of registered remote controls),
- within the next 10 seconds short press the  $\wedge$  button of the new channel or new remote control
- the motor will make a series of short up and down movements confirming the registration of the new channel.

### 3. STARTING ROLLER BLINDS

To start the given drive, press the  $\wedge$  button (to open) or the  $\vee$  button (to close). You can stop the drive by pressing the  $\circ$  button at any time. After approximately 10 seconds of inactivity (no button pressed) the remote will switch into "standby" mode (low battery power consumption). The remote is in "standby" mode as standard, pressing any button will wake it and prepare it to work (it will display channel number, but no other operation will be performed), the command will only be executed after pressing the button the second time.



### 4. STARTING SHUTTERS

To switch into the shutter mode (positioning slats) press the  "menu" button. In this mode the motor will only move to rotate the slats. The display will show the shutter symbol () over channel number.

To rotate the slats, press  $\wedge$  or  $\vee$  - the digits the up or down arrows (respectively) will appear on the display to the right of the digits. Returning to normal operation mode is done similarly - press the  button.



**WARNING!** In order to set the shutter slats, the shutter must be stopped. If the slats cannot be set from the remote, press the  $\circ$  button and try again.

### 5. SELECTING CHANNEL

You may select the number of an individual channel from 00 to 99. Proceed as follows:

#### **FULL MODE**

- Short pressing the  $-$  button will enter the modification of the left digit (tens); the tens digit will flash. You can change the digit with the  $\wedge$  or  $\vee$  buttons, pressing the  $-$  button again will finish the adjustment,
- Short pressing the  $+$  button will enter the modification of the right digit (units); the units digit will flash. You can change the digit with the  $\wedge$  or  $\vee$  buttons, pressing the  $+$  button again will finish the adjustment.

#### **SHORT MODE**

In the short mode channels are changed sequentially by pressing the  $+$  or  $-$  buttons. Press and hold the  $+$  or  $-$  button to scroll faster. To enter the short mode, select SHORT MODE (default) in the MENU/MODE option, and in the MAX option set the number of channels used (with the  $+$  and  $-$  buttons). The short mode will be marked on the screen with an "S" displayed beside the battery icon.

In the short mode, the number of sequentially selected channels (with the  $-$  and  $+$  buttons) is limited. You can only select channel numbers from 0 to the highest used channel number.

### 6. REPLACING BATTERY

The remote control is powered by two 1.5 V AAA batteries. If the battery status icon shows low power, the batteries must be replaced.

To open the battery compartment, press the marked spot on the cover, slide it backwards and lift it up.

Insert the batteries observing the markings on the bottom of the compartment.

### 7. HANDLING WASTE EQUIPMENT



It is not permitted to dispose of waste equipment together with other waste. Dispose only in specially designated areas. The household plays a key role in the recycling of waste equipment. By correct sorting of waste, including waste equipment and batteries, household members ensure that the equipment is not disposed together with household waste, but in specially designated areas, and thus may be used again after recycling.