

433 MHz



In order to fully explore available functions of BESH series please take a moment and read this manual before using the device.
BESH transmitters are compatible with all YOODA brand devices.

1. General Information



1. Control:
can control single motor, or a group
of up to 20 motors on each channel

2. Range:
200 meters outdoor,
35 meters indoor

3. Battery:
1 x CR2430

4. Power supply:
3 V

5. Dimensions:
120 x 40 x 10 mm

6. Transmitting power:
10 mW

7. Operating temperature:
from 0°C to 50°C

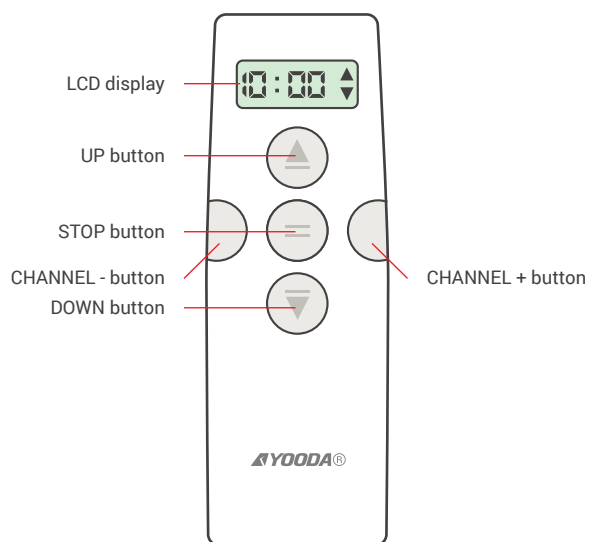
8. Protection degree:
IP 30

Fifteen-channel BESH remote control
with display and timer, white (BESH_15RT)

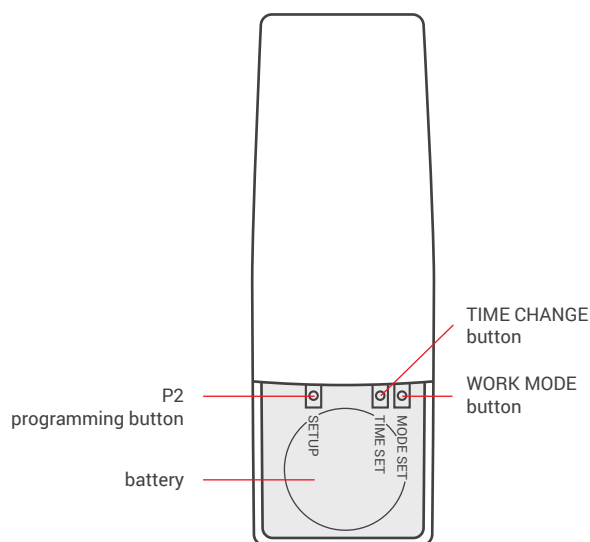


Radio receiver range is a variable value and can differ from declared values depending on conditions in which device operates. Possible sources of changes in range are building construction, interference caused by other radio transmitters etc.

2. Detailed description



Single-channel or 5-channel or 15-channel transmitter
with timer (front)



Single-channel or 5-channel or 15-channel transmitter
with timer (back)



1. Difference between automatic time of roller shutter opening and closing cannot be shorter than 32 minutes. In case of smaller than minimal time difference fault message will appear and none of the changes will be saved.
2. Pressing UP or DOWN button in automatic or random mode will show currently set opening/closing time and symbol of current process.
3. Choosing '00' group channel means remote controls all programmed devices on all channels at the same time. No programming functions can be performed on group channel. All devices programmed to any other channel can be controlled on group channel without additional programming.
4. For all the programmed devices on every channel to work automatically group channel '00' should be chosen in automatic mode.
5. Estimated battery lifespan is 1 year if the device runs 4 commands a day in average.
6. Batteries should be changed when device stops reacting to commands.
7. When placing the battery ensure that polarity is correct.

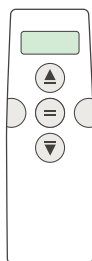


Batteries contain substances that may be hazardous to health and may pollute the environment. Used batteries should be disposed of properly.

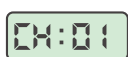
3. Activating channels in automatic mode



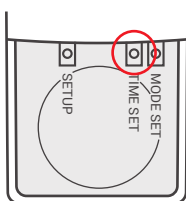
1. Each channel can be activated or deactivated in the automatic mode.
2. If the channel is inactive, the transmitter will not control the receiver in this mode on programmed time.
3. By default, all channels are active in automatic mode.



Using the CHANNEL + or CHANNEL - buttons select the channel.



Press the CHANGE TIME button, when the channel number is visible on the display.

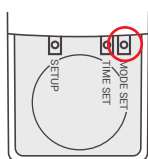


When arrows are visible next to the channel number, the channel is active in automatic mode. When arrows are not visible in the display next to the channel number, the transmitter will not control the receiver in automatic mode.

4. Changing work mode



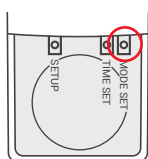
1. **Manual working mode:** normal working mode, without timer function.
2. **Automatic working mode:** normal working mode with timer function.
3. **Random working mode:** time controlled work with random opening/closing time (up to 15 minutes difference to preset opening/closing time).
4. Working mode is changed for all channels.



Press WORK MODE button to set the manual working mode.



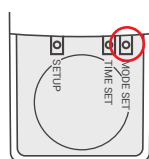
Manual work mode.



Press WORK MODE button to set the automatic working mode.



Automatic work mode.



Press WORK MODE button to set the random working mode.



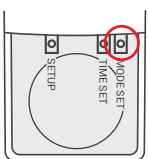
Random work mode.

Every working mode change results in switching between the modes.

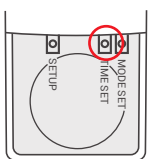
5. Setting current time



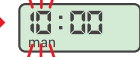
1. Time can be set only when device is in manual working mode.
2. Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.



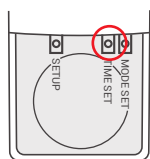
Press WORK MODE button to set the manual working mode.



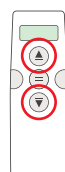
Press and hold TIME CHANGE button for about 5 seconds.



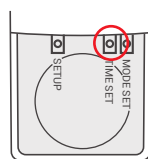
Current time flashes on the screen.



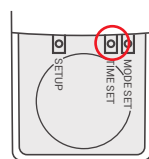
Press TIME CHANGE button to switch between setting hour, minutes or days of week.



Using UP and DOWN buttons set current time.



Pressing and holding the TIME CHANGE button for 5 seconds we confirm the changes (the time on the display will stop flashing).



Press TIME CHANGE button to start the clock.

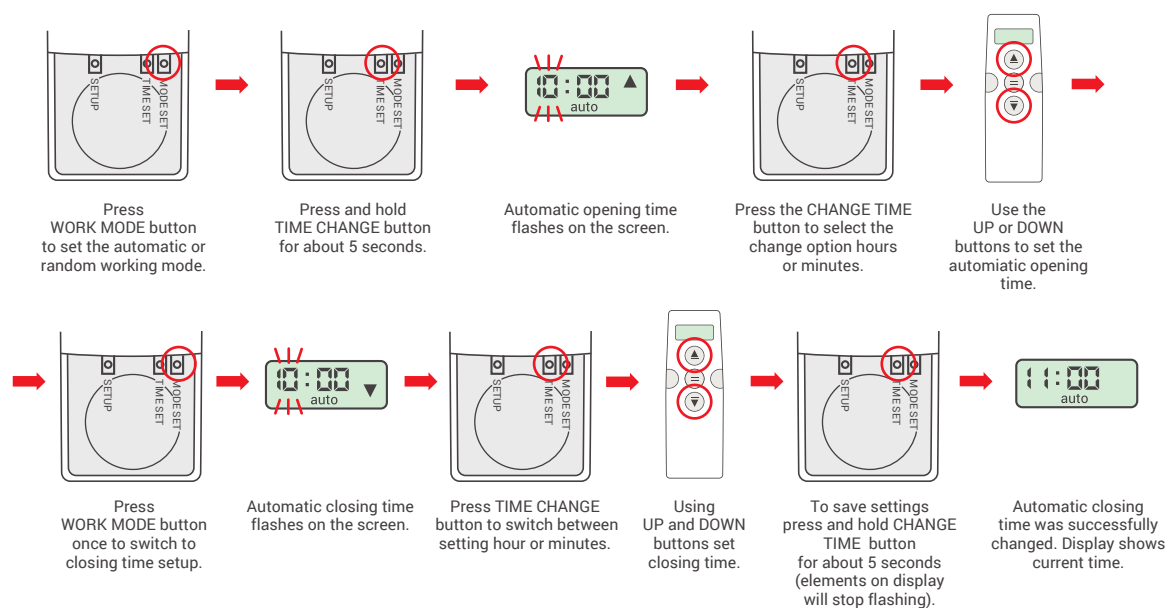


Current time was successfully changed.

6. Setting automatic time of closing and opening



1. Time can be set only when device is in automatic or random working mode.
2. Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.
3. The time of automatic opening and closing is set separately on each channel.



7. Programming first transmitter to R-type motors



1. Way of programming first transmitter depends on type of radio receiver. When programming first transmitter please follow instruction of the device that is going to be controlled by the transmitter.
2. Longer than 5 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.
3. Programming first transmitters will result in deleting all previously programmed transmitter.

