

Notes and changes to the receiver program according to the work modes page in the Excel file 08-02-21

- 1) When teaching a remote control for the receiver, the order of the buttons does not correspond to a remote control as in the illustration on the left.
When learning a remote control - button 1 on the remote activates relay Channel 4 on the receiver, button 2 on the remote activates relay Channel 3 in the shelter. Button 3 on the remote activates the Channel 2 relay in the receiver, button 4 on the remote relay operator 2
- 2) Learning a remote control from the air is incorrect - when jumper 1 is in the ON position, the signs do not activate the relay!
The signs operate the relay only when jumper 1 is outside. When jumper 1 is connected, the receiver should be in standard working condition (DS0) and the possibility of learning a new remote control from the air without having to reach the receiver.
- 3) Deleting remote control functions according to the button on the remote control (PUSH BUTTON + DS9) and pressing the remote control switch for 3 seconds, does not work. LED illuminates red to confirm deletion but in practice nothing happens and the button on the remote continues to turn on the receiver relay.
- 4) In working mode DS = 0 LED off. The LED should flash green every 3 seconds to confirm the integrity of the receiver in working condition.
- 5) Working with a user code - when entering a user code (DS = 7) 4 digits in working mode DS = 0 only by entering a code in the sign from which we taught the code the relays work. On another remote the receiver does not respond to the code. If you enter the code on the remote from which we learned the code for the receiver, and press the other remote, for example on button 0 only then relay 1 on the receiver will work.
- 6) Trigger - not working properly - works like a regular trigger and not like a gate trigger. Example: Disconnect trigger input and reconnect in time the delay, the trigger action ie: activation of the Channel 2 relay should be canceled. Actually the Channel 2 relay is turned on.
- 7) The trigger input should be connected regularly against? No anti pull up in the circuit?
- 8) Learning a remote control for the receiver (from the air or directly from the DS1 or DS0 receiver and button) - the receiver learns the remote but the remote learned to perform other operations from another remote that is in the memory of the receiver (before learning the remote I deleted it from memory.
Apparently deleting a remote does not delete it from memory and previous operating modes are not deleted.)
- 9) In momentary mode - momentary (bridge 2 and 3) when another sign is taught through the air the new sign activates the channel selected for example Channel 1 and simultaneously also the channel 3. Channel 4 on the learned remote does not respond. I think the second sign you gave incorrect button 2 does not respond, button 3 does not activate relay in the receiver.

- 10) In mode PULSE (DS4 without jumpers) PULSE time cannot be set less than 3 seconds.
- 11) Technician code not tested because I do not have a master remote to reset the code.
- 12) When all remotes are erased (DS5) and re-taught, one remote performs different functions from the other sign probably not the signs are completely erased from the shelter's memory.
- 13) Protecting attempts to enter an incorrect user code, does not work - by entering the wrong code more than 3 times a receiver must enter in pause mode for 5 minutes and do not respond to attempts to insert additional codes (5 minute delay even when disconnecting and connecting to electricity).
- 14) Sometimes when the LED mode selector is rotated the flashing number does not flash according to the situation it is in.
- 15) LED on the remote control does not work - should flash as long as one of the remote control switches is pressed.
- 16) Terminal block of the relays is very close to the relays and does not allow space for the box lid.
- 17) Connecting the SMA antenna 433 too close to the terminal block of voltage input and of the trigger.
- 18) LED 2 colors not clear enough when there is strong lighting, you can put instead 2 SMT green and red LEDs.