



PULL 1000 GARAGE DOOR MOTOR



GENEL ÖZELLİKLER

Functions

- One button to control open, stop and close.
- The light is on while opening or closing the door, three minutes later the light is off automatically.
- Test the force of open or close the door, the optional function is photocell, auto-close, lock door.
- The door pauses momentarily then rebounds when it reaches the hinder on the closing way.
- The protecting functions are overload, over hot or low power input, etc.

Motor

- It Works with low volume.
- Soft start-soft stop

Led Display

- Working situation can be shown on the Led screen

Decoding

- Rolling code.

Manual Disengagement

- Open and close the door by hand without power.

Optional Functions

- Photocell , button , 24VDC battery , receiver , flashing light

TEKNİK ÖZELLİKLER

Power Input	220VAc (+-10) / 50 - 60 MHz
Motor	24VDC
Working temperature	- 20 ... + 50
Force	1000 N
Frequency	433,92MHz
Receiver Code Type	Rolling

PROGRAMMING THE OPERATOR

1. Initial Control

1.1	Keep trolley locked, Pull and push the door by hand, make sure the trolley connects with the shuttle.
1.2	Turn on the power, the courtesy light is on for several seconds, at the same time, the Led displays the number from 99 to 11. Then the operator turns to standby situation.
1.3	At last, it displays " -- "

2. Setting Open and Close Positions

2.1	Press and hold " SET " until it displays " P1 ".
2.2	Press " SET ", It displays " OP ".
2.3	Then press and hold " UP ", it flashes " OP "
2.4	When the door has reached the open position, press " SET ", It displays " CL ".
2.5	Then press and hold " DOWN ", It flashes " CL ". When the door has reached the closed position, press " SET ".
2.6	The door opens and closes automatically to map the open and close sensitivity force requirements.
2.7	It displays " - - " to Show setting is complete.

3.Transmitter Settings

Repeat up steps to code a maximum of 20 different transmitters.

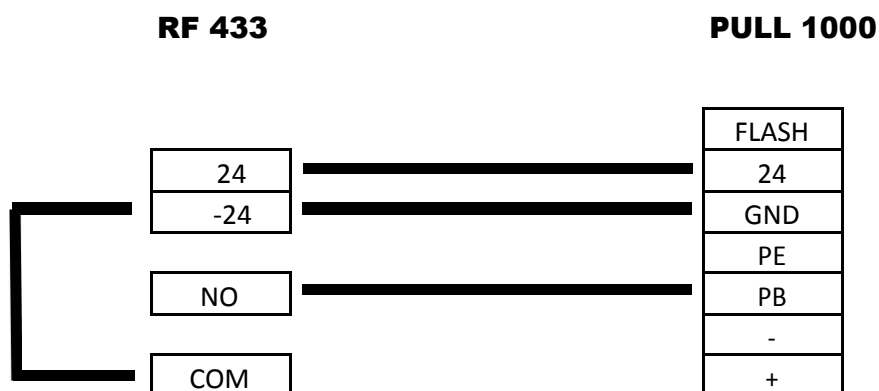
3.1 Transmitter Add

3.1.1	Press " CODE " , it displays " SU " .
3.1.2	Press a button on the transmitter, then release and press the same button again, " SU " flashes,Then it displays " -- " to show setting is complete.

3.2 Transmitter Cleaning

3.2.1	Press " CODE " , it displays " SU " . Hold more than 8 secomds,it flashes " dL ", all the codes were cancelled.
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3.3 Receiver Connection Schema



4. Power Settings

4.1	" SET " butonuna basıp bırakın. Ekranda " P1 " görüntülenecektir.
4.2	" UP " butonuna basıp bırakın. Ekranda " P2 " görüntülenecektir.
4.3	" SET " butonuna basıp bırakın. Ekranda son durum görüntülenecektir.

** The power setting is in standard "F5".

4.1 Power Increase

4.1.1	Press " UP " to increase the force one degree.
4.1.2	Press " SET " to confirm and quit.

4.2 Power Decrease

4.2.1	Press " Down" to decrease the force one degree.
4.2.2	Press " SET " to confirm and quit.

5. Photocell Settings

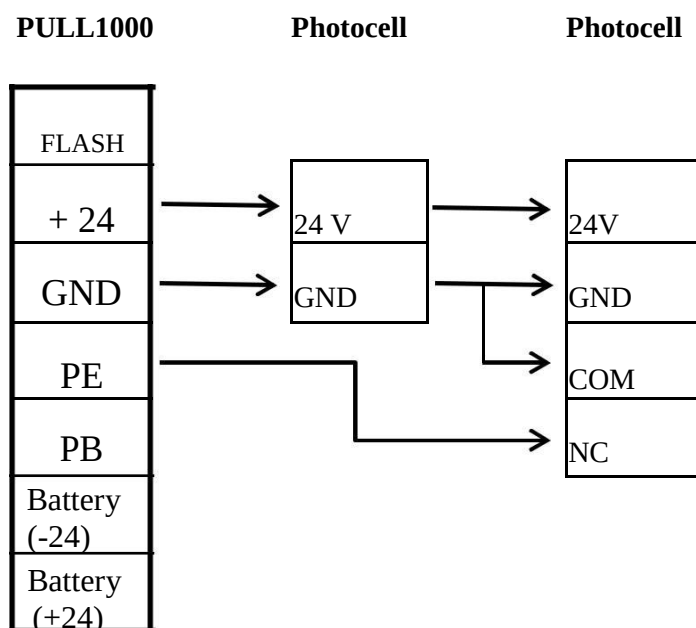
5.1 Enabled

5.1.1	Press and hold " SET " it displays " P1 " .
5.1.2	Press " UP " twice, it displays " P3 "
5.1.3	Press " SET " to show current situation.
5.1.4	Press " UP " once it displays " H1 " the photocell is enabled.
5.1.5	Press " SET " to confirm and quit.

5.2 Disabled

5.2.1	Press and hold " SET " it displays " P1 " .
5.2.2	Press " UP " twice, it displays " P3 "
5.2.3	Press " SET " to show current situation.
5.2.4	Press " Down " once it displays " H0 " the photocell is disabled.
5.1.5	Press " SET " to confirm and quit.

5.3 Photocell Connection Schema



6. Automatic Closing Time Settings

6.1 Automatic Closing Time Definition

6.1	Press and hold " SET " it displays " P1 " .
6.2	Press " UP " three times, it displays " P4 "
6.3	Press " SET " to Show current situation.
6.4	Press "UP" button to increase the automatic closing time or Press the "DOWN" button to decrease the automatic closing time.
6.5	Press " SET " to confirm and quit.

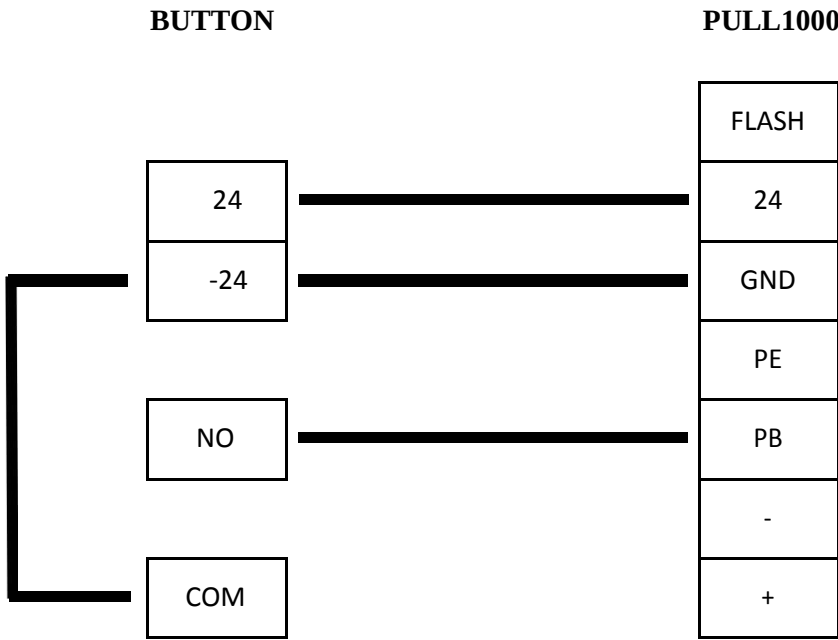
6.2 Automatic Closing Waiting Times

B0	0 sec.(passive)
B1	5 sec.
B2	15 sec.
B3	25 sec.
B4	30 sec.
B5	40 sec.
B6	50 sec.
B7	55 sec.
B8	65 sec.
B9	70 sec.

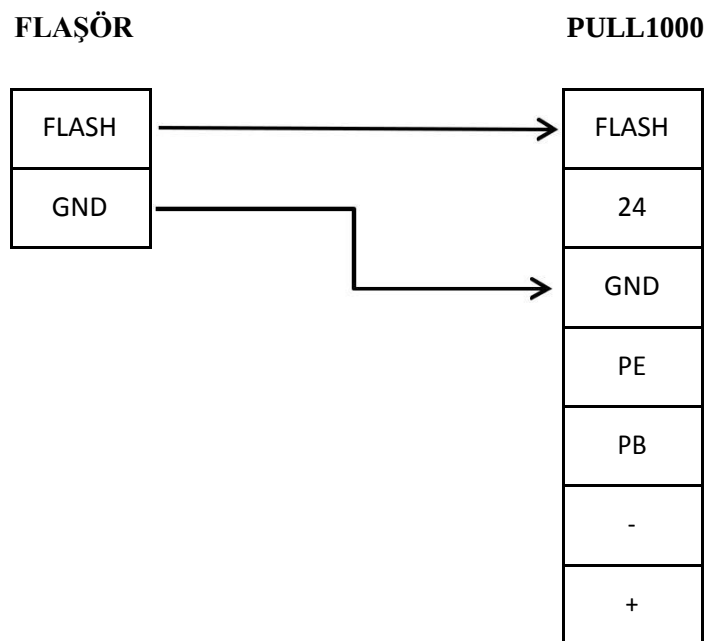
7.Lock Settings

7.1	Press and hold " SET " it displays " P1 " .
7.2	Press " UP " four times, it displays " P5 "
7.3	Press " SET " to show current situation. Press " UP ", it displays " Lc ", lock door function works or press " DOWN", It displays " uL ", lock door function doesn't work. Press "SET " to confirm the function you need.

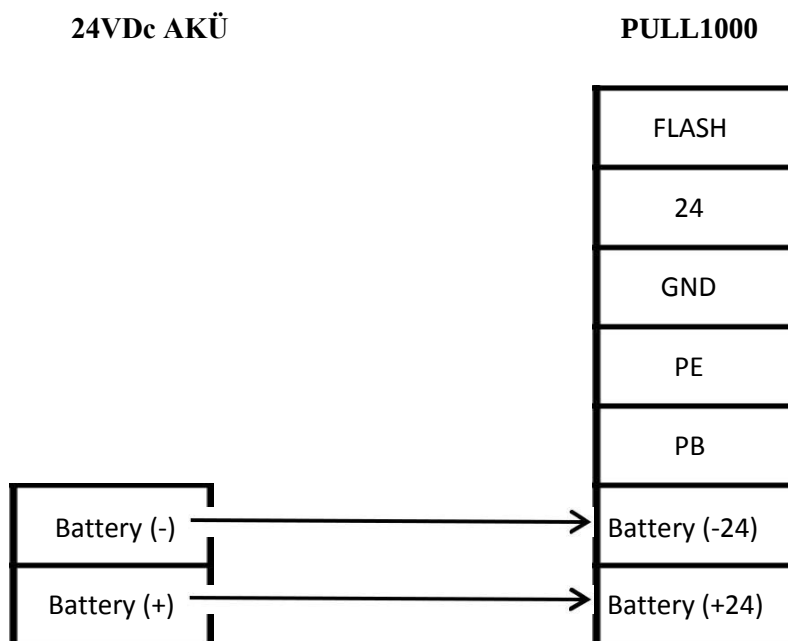
8. Buton Connection Schema



9-Flashlight Connection Schema



10-Battery Connection Schema



EXAMINATION GUIDE

Problem	Causes	Solution
The chain is noisy	The chain is too loose	Adjust Nut-M8 referring
The motor does not work	The socket is not well connect or the fuse is broken	Check the socket or replace the fuse
After setting open and close positions, the motor does not work	The screws of fixing the hall components are loose or program mistakes	Tighten the screws or resetting open and close positions
The door can't be closed.	Photocell function work	Cancel the photocell function, referring to 6.6
The Wall button Works well, but the transmitter doesn't work	No transmitter learning or transmitter battery is power off	Code referring to 6.4 or change new transmitter battery.
Transmitter distance is too short	The transmitter battery is nearly power off	Change new battery