Scan for
wiring diagrams
and additional info.

GTR130
USB Bluetooth Receiver

Compatible with the following Richmond motors.		
Sliding / Cantilever Motors		
GTR156 & GTR212 ✓	GTR061 & GTR207 ✓	GTR510 ✓
Swing Motors		
GTR099 ✓	GTR058 ✓	GTR062 & GTR078 ✓
GTR500 & GTR501 ✓	GTR502 & GTR503 ✓	
* Compatible with a large range of other manufacturers gate/garage openers *		

Technical Specs:

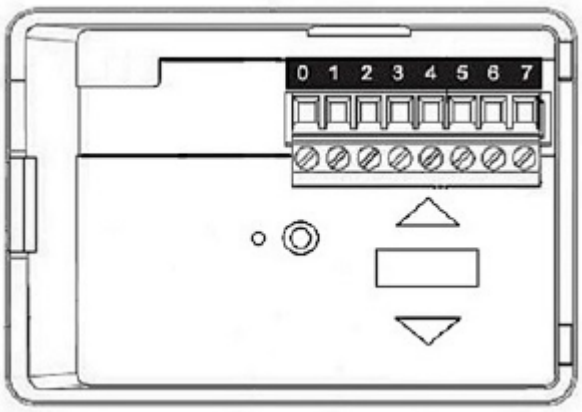
- **Requires 2.4 GHz Wi-Fi range to the installation location.**
- **Operating Platforms: Android / iOS supported.**
- **Power Supply: 12-24vDC / 12-24vAC**
- **Wi-Fi: 2.4gHz 802.11 b/g/n**
- **IP30 rating. Use a weatherproof enclosure outdoors.**
- **Current draw: 20mA (standby) 50mA (active)**
- **Relay output: NO (normally open)**
- **Sensor input: NO (normally open)**
- **Operating temperature: -10°C to 50°C**
- **Material: ABS – Weight 42g**
- **Dimensions: 90mm x 4mm x 25mm**
- **Connection Cables: 500mm each**
  - **2 x Power (Red/Black)**
  - **2 x N/O Output (White/Blue)**
  - **2 x Sensor Input (Green/Yellow)**

Connecting the GTR131 to a non-Richmond Opener

Below is an example of how the GTR131 Smart Wi-Fi Opener will wire into a non-Richmond opener.

1. To power the Smart Wi-Fi Opener, you will need a 12-volt or 24-volt AC or DC power supply.
   In the example below, this is sourced via Terminals 0 and 1
2. To operate the gate/garage opener, the Smart Wi-Fi Opener will need to connect into the PC board.
   Most residential openers will have an input for an external push button.
   In the example below, terminals 2 & 5 are used for the push button. This will be the input for your Smart Wi-Fi Opener.

For the below example, the GTR131 Smart Wi-Fi Opener would be wired as follows:



Gate/Garage Automated Opener Terminals		
Terminal	Function	Description
0	Ground	24volt DC Negative
1	24vDC+	24volt DC Positive
2	O/S/C or Open	Dry Contact (Open/Stop/Close)
3	Stop	Dry Contact (Stop)
4	Close	Dry Contact (Close)
5	COM	Dry Contact Common Terminal
6		Not used
7		Not used

Connection

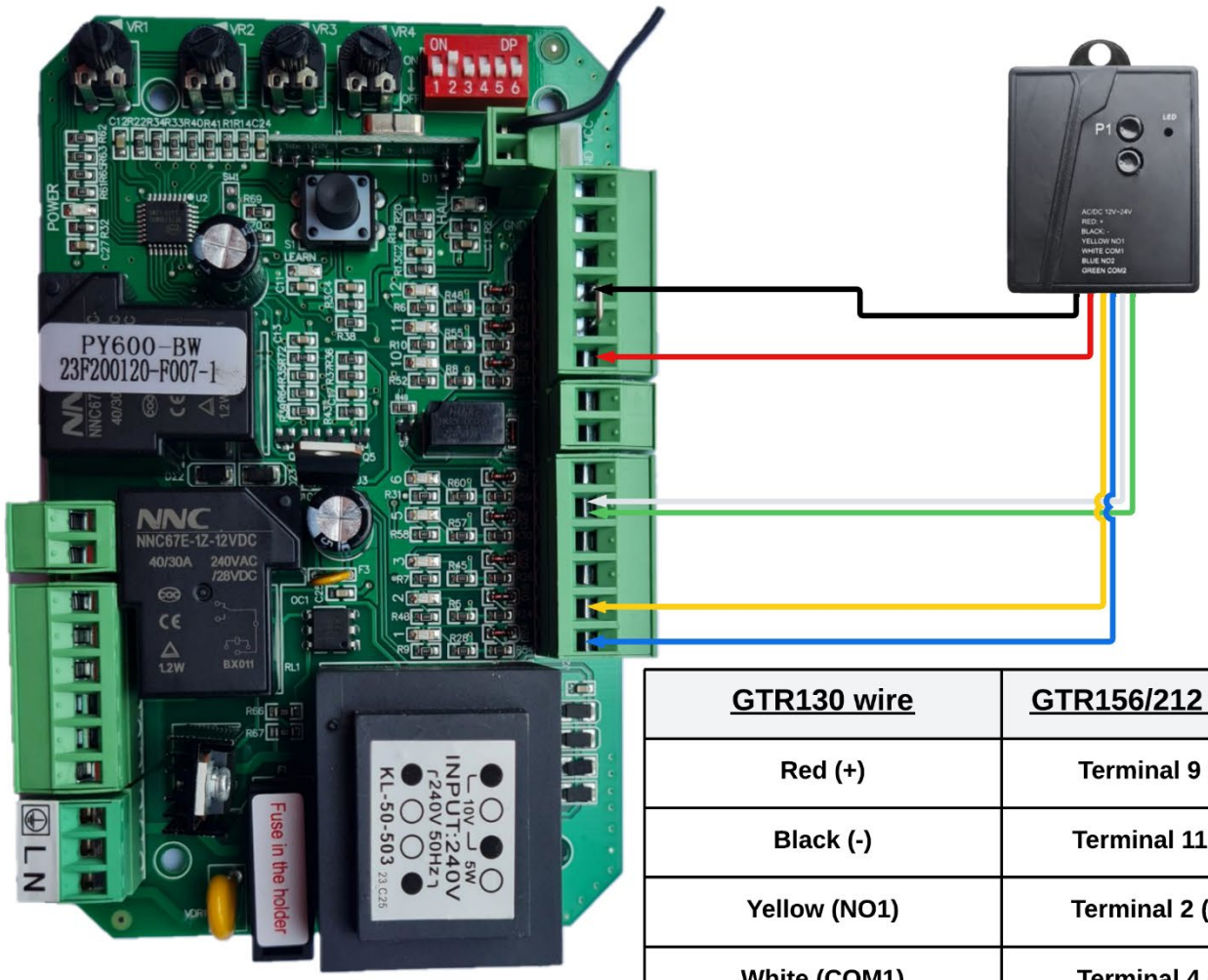
GTR131 Red into Terminal 1 (24vDC+)

GTR131 Black into Terminal 0 (24vDC-)

GTR131 White into Terminal 5 (COM)

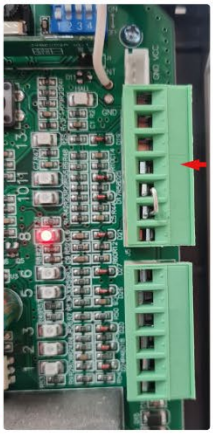
GTR131 Blue into Terminal 2 (O/S/C)

GTR156 or GTR212 slide motor connection



GTR130 wire	GTR156/212 terminal
Red (+)	Terminal 9 (+15v)
Black (-)	Terminal 11 (GND)
Yellow (NO1)	Terminal 2 (OPEN)
White (COM1)	Terminal 4 (COM)
Blue (NO2)	Terminal 2 (CLOSE)
Green (COM2)	Terminal 4 (COM)

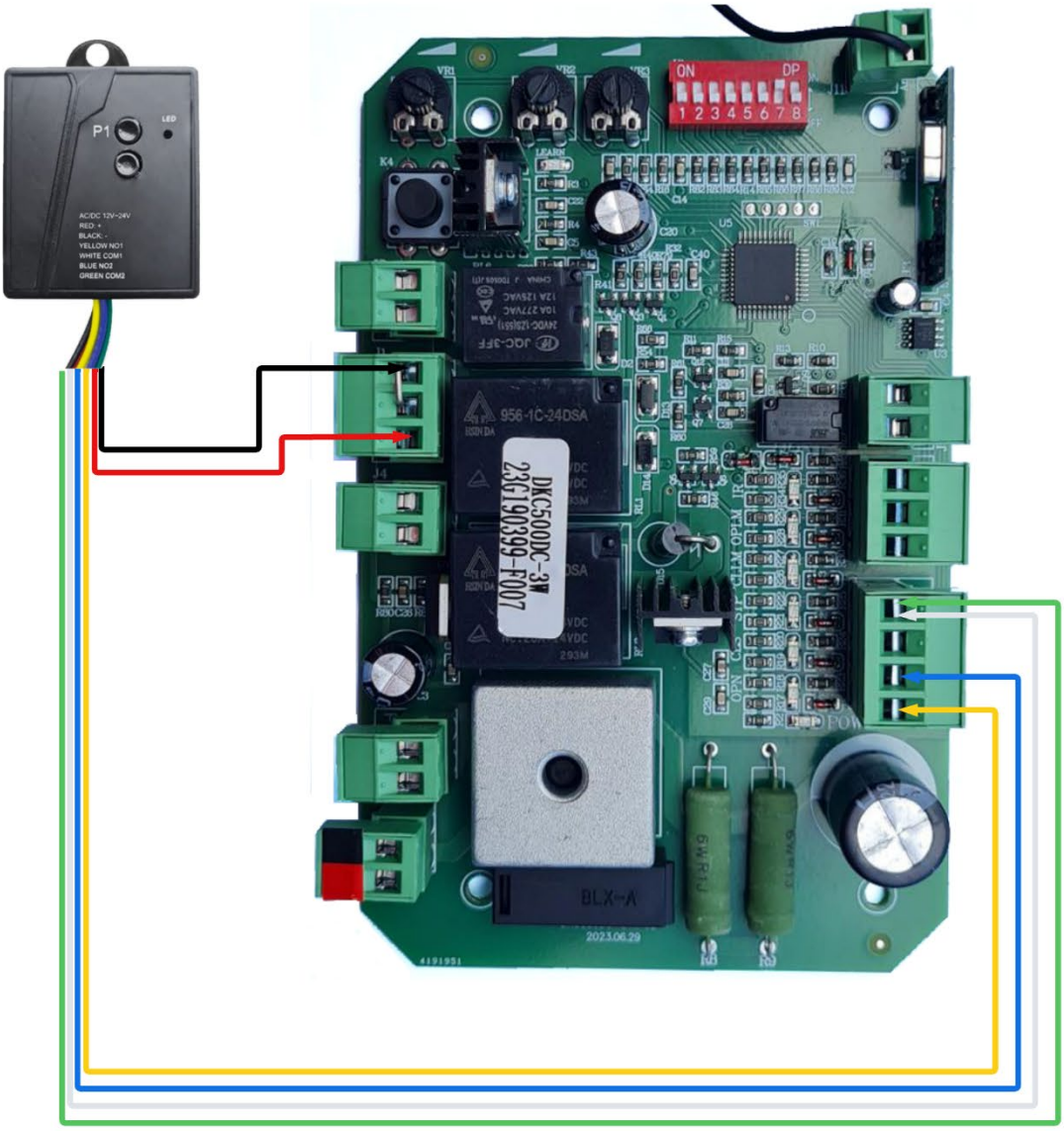
Previous PC Board Version



13 Terminal on Right-Hand Side

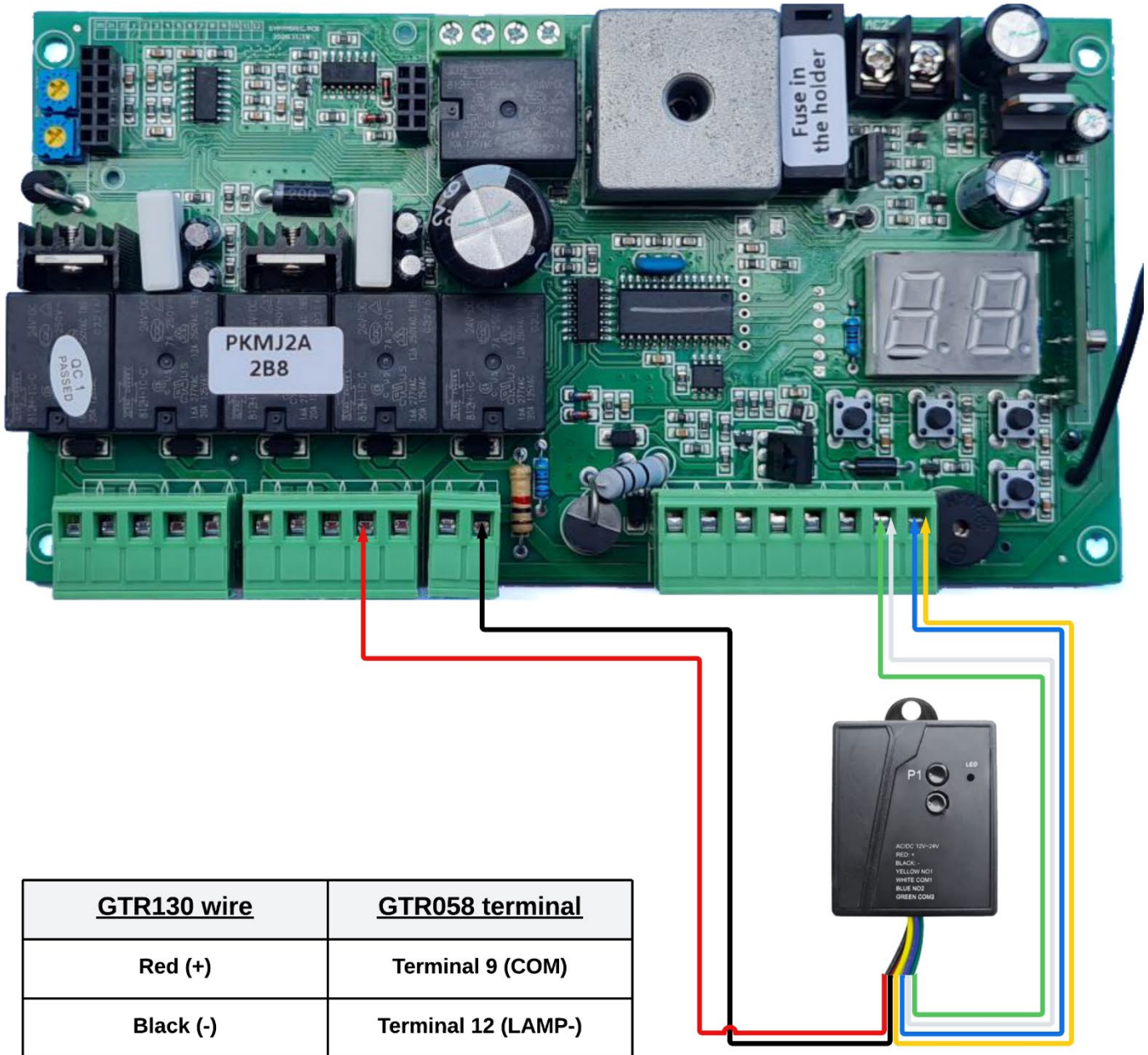
GTR130 wire	GTR156/212 terminal
Red (+)	Terminal 7 (+15v)
Black (-)	Terminal 9 (GND)
Yellow (NO1)	Terminal 2 (OPEN)
White (COM1)	Terminal 4 (COM)
Blue (NO2)	Terminal 2 (CLOSE)
Green (COM2)	Terminal 4 (COM)

GTR061 or GTR207 slide motor connection



GTR130 wire	GTR061/207 terminal
Red (+)	Terminal 7 (+24v)
Black (-)	Terminal 5 (GND)
Yellow (NO1)	Terminal 1 (OPN)
White (COM1)	Terminal 4 (COM)
Blue (NO2)	Terminal 2 (CLS)
Green (COM2)	Terminal 4 (COM)

GTR058 double swing connection



GTR130 wire	GTR058 terminal
Red (+)	Terminal 9 (COM)
Black (-)	Terminal 12 (LAMP-)
Yellow (NO1)	Terminal 1 (OSC2)
White (COM1)	Terminal 4 (OSC1)
Blue (NO2)	Terminal 2 (OSC2)
Green (COM2)	Terminal 4 (OSC1)