

# Guardian RRFB Wiring Quick Guide



PedSafety



**SCAN ME:**  
User Manual  
Installation Manual

## Initial Setup

- ✓ Use PedConnex to set the **Guardian** station to RRFB mode.
- ✓ Use only **5 wires** from the **flasher cabinet** to the **Guardian** station:
  - 2 field terminals connect to PPB input inside of the **flasher cabinet** (12-18 VAC or VDC).
  - 12 Volt and GND terminals need continuous 12VDC from the **flasher cabinet**.
  - Both the **walk** and **don't walk** terminals need a 12VDC signal to activate the walk message (see *options A and B*).

**WARNING:** To use Guardian in RRFB Mode, use only 1 terminal: **walk** or **don't walk**, depending on the voltage of the flasher controller. **Do not use both terminals in RRFB mode.**

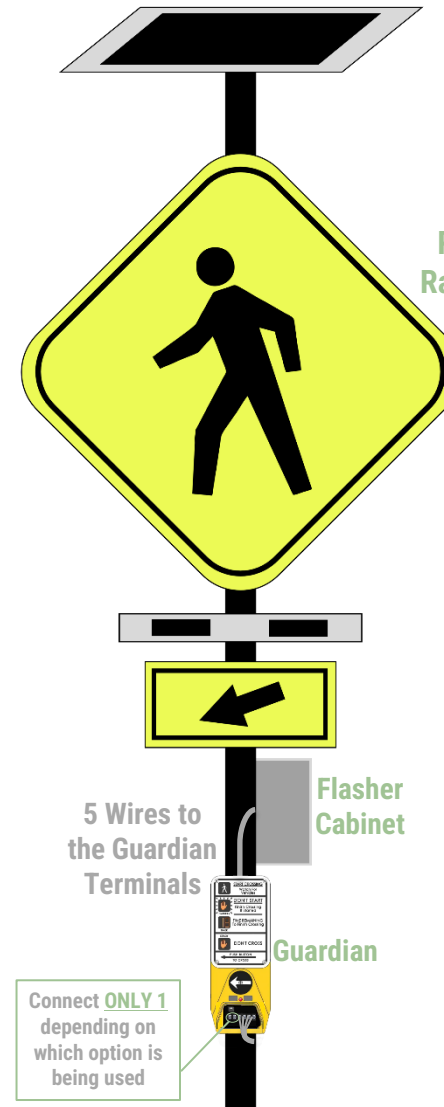
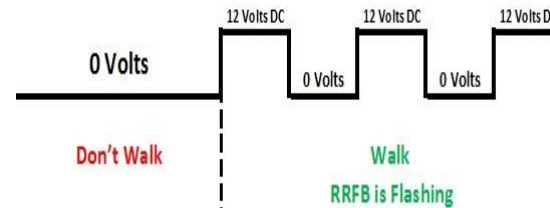
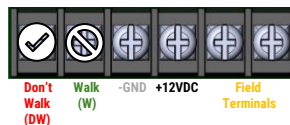
### Option A: Using the **Walk Terminal** to Activate Audible Messages

- ✓ If the voltage from the **flasher cabinet** changes from 0 Volts to 12VDC when the lights are flashing, use the **Walk (W)** terminal on the **Guardian** station to obtain an audible message for WALK indication.



### Option B: Using the **Don't Walk Terminal** to Activate Audible Messages

- ✓ If the voltage from the **flasher cabinet** constantly switches from 0 Volts to 12VDC when the lights are flashing, use the **Don't Walk (DW)** terminal on the **Guardian** station to obtain an audible message for WALK indication.



Rectangular  
Rapid Flashing  
Beacon  
(RRFB)

5 Wires to  
the Guardian  
Terminals

Flasher  
Cabinet

Guardian

Connect **ONLY 1**  
depending on  
which option is  
being used

*For specific information about the flasher controller and its functionality, contact the RRFB manufacturer directly or consult the schematics.*

Doc # 906-0040 Rev B