

# G-ULTRA WIRING DIAGRAMS



# G-ULTRA



# Wiring a G-Speak ULTRA into a D-Series Controller



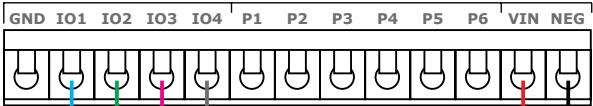
### Possible Activations

- Trigger Open
- Pedestrian Open
- Free Exit / Keep Open

### Possible Notifications

- Gate Open / Closed
- Gate Opening / Closing
- Gate Standing Open
- Mains Failure
- Battery Low
- Multiple Collisions

### G-ULTRA



TRG  
PED  
FRX  
STATUS  
+12V  
COM

### D-Series Controller

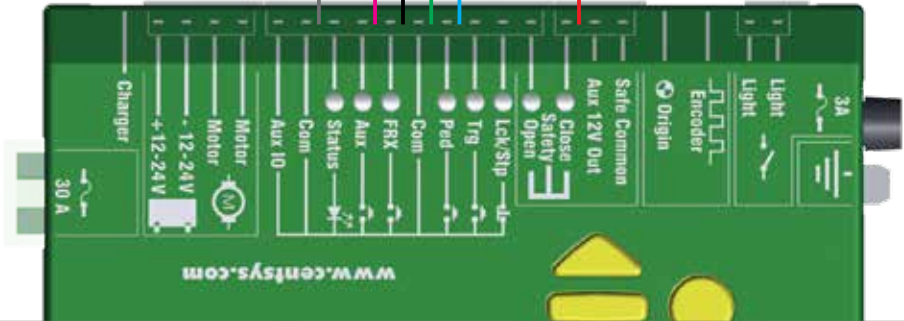


FIGURE 1

## 2. Wiring a G-ULTRA into an Electric Fence Controller

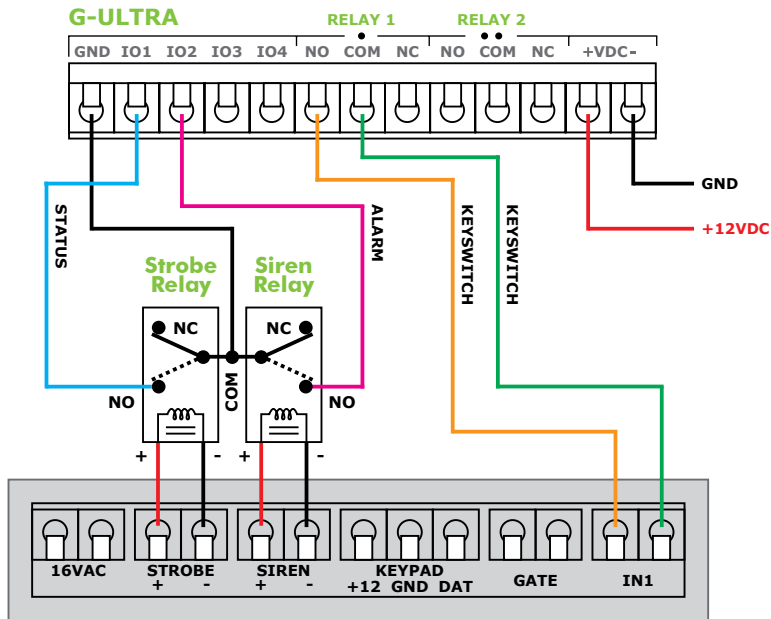


### Possible Activations

- Arm / Disarm

### Possible Notifications

- Arm Status
- Alarm Notifications



Electric Fence control board

### To program the Strobe to Status:

#### JVA Keypad, Press:

1. "INSTALLER PIN"\*0#
2. 2202#
3. \*#

#### Nemtek Keypad, Press:

1. "INSTALLER PIN"\*0#
2. 101# **OR** 0011# (Model Dependant)
3. \*#



- The Status and alarm inputs must have three seconds filter time configured on the G-UTRA
- The strobe output on the energiser needs to be programmed for the armed status notification to be sent via the G-ULTRA
- Using "IN1" via the G-ULTRA will bypass the key-switch function on the energiser

FIGURE 2

### 3. Wiring a G-ULTRA into an Alarm System

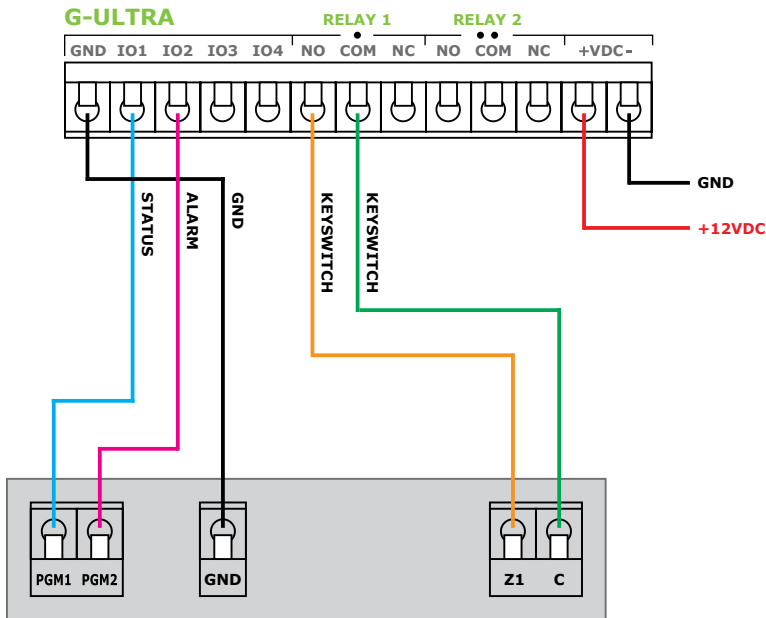


#### Possible Activations

- Arm / Disarm

#### Possible Notifications

- Arm Status
- Intruder / Siren



#### Alarm Panel

#### Alarm programming:

- PGM1: Armed Status  
PGM2: Siren Follow  
Z1: Keyswitch Latched Arm / Disarm



The Alarm Panel PGMs must activate to "GND". However, if the Alarm Panel only supports positive activations, then relays must be used between the Alarm Panel and the G-ULTRA to change the activation to "GND".

FIGURE 3

#### 4. Wiring a Striker Lock into the G-ULTRA or G-SPEAK ULTRA

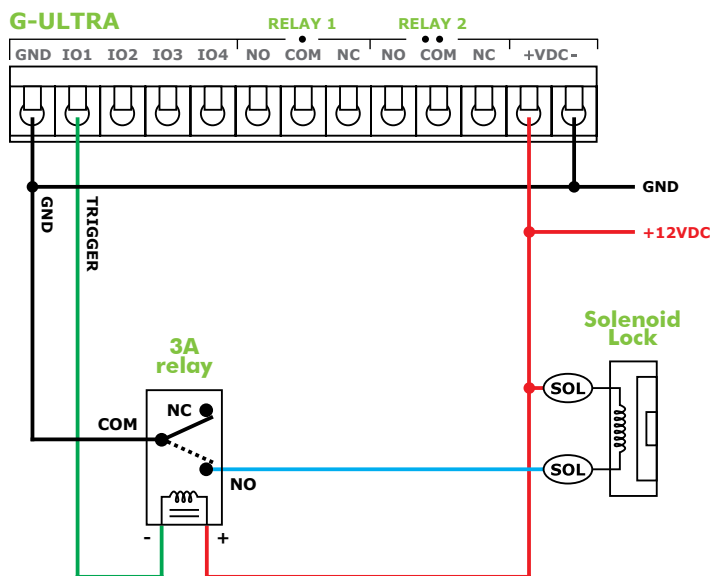


## Possible Activations

- Lock / Unlock

## Possible Notifications

- Lock Status



### FIGURE 4

5. Wiring a G-ULTRA into a D-Series Controller via a WiZo



Possible Activations

- Trigger Open

Possible Notifications

- Gate Open / Closed
- Gate Opening / Closing
- Gate Standing Open
- Mains Failure
- Battery Low
- Multiple Collisions

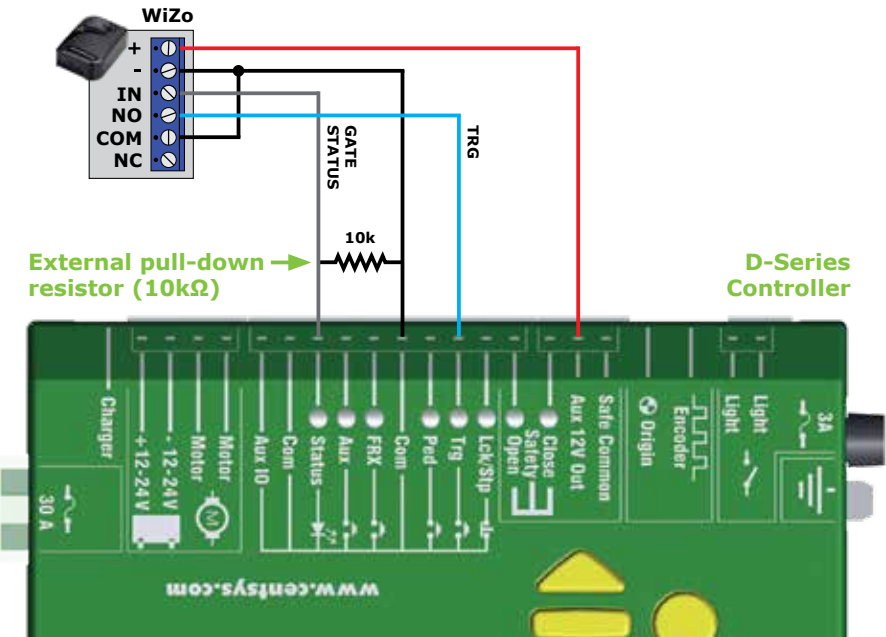
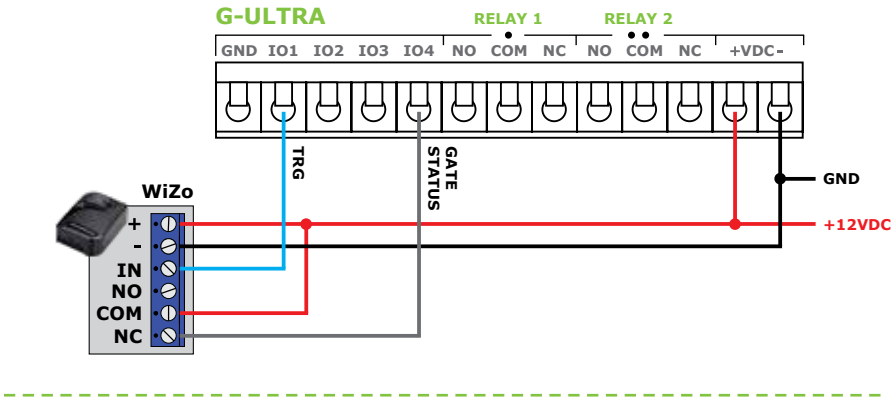


FIGURE 5

## 6. Wiring a G-ULTRA into an Electric Fence Controller via WiZos

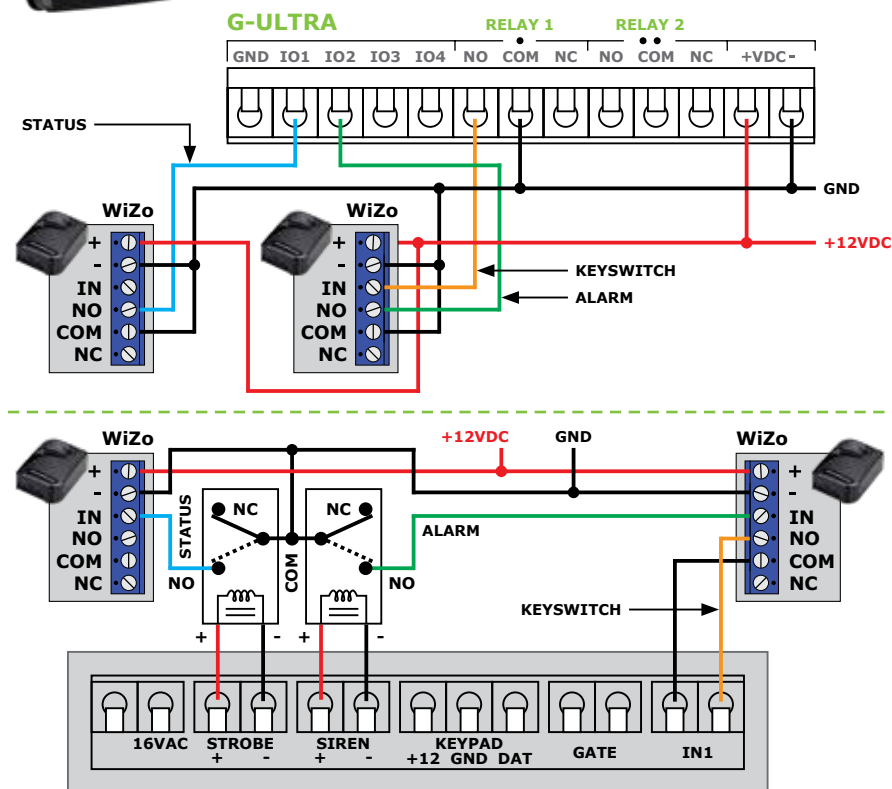


## Possible Activations

- Arm / Disarm

## Possible Notifications

- Arm Status
- Alarm Notifications



## Electric Fence control board

### To program the Strobe to Status:

**JVA Keypad, Press:**

1. "INSTALLER PIN"\*0#
2. 2202#
3. \*#

**Nemtek Keypad, Press:**

1. "INSTALLER PIN"\*0#
2. 101# **OR** 0011# (Model Dependant)
3. \*#



- The Status and alarm inputs must have three seconds filter time configured on the G-ULTRA
- The strobe output on the energiser needs to be programmed for the armed status notification to be sent via the G-ULTRA
- Using "IN1" via the G-ULTRA will bypass the key-switch function on the energiser

### FIGURE 6

# 7. Wiring a G-ULTRA into an Alarm System via WiZos

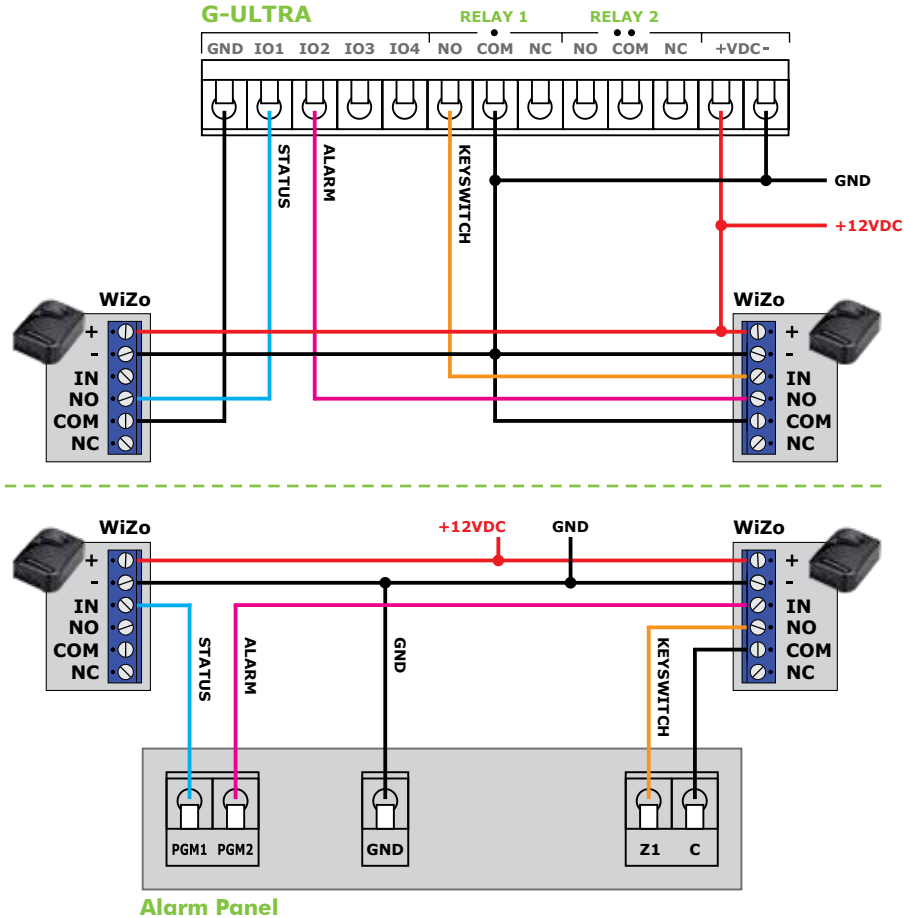


## Possible Activations

- Arm / Disarm

## Possible Notifications

- Arm Status
- Intruder / Siren



## Alarm programming:

- PGM1: Armed Status  
 PGM2: Siren Follow  
 Z1: Keyswitch Latched Arm / Disarm



The Alarm Panel PGMs must activate to "GND". However, if the Alarm Panel only supports positive activations, then relays must be used between the Alarm Panel and the G-ULTRA to change the activation to "GND".

FIGURE 7