

Centsys Beep Codes My Notes Fast Guide.

Slide gate back and forward past magnet to see if the motor sensor is triggering properly.

Make sure the gate moves freely.

First check that all 3 green led lights are on for a start.

Safety OPN: Green

On when the opening beam is not activated

Safety CLS: Green

On when the closing beam is not activated

LCK/STP: Green

On when the LCK/STP input is not activated

Check the following.

- The battery voltage and the charger voltage.
- Make sure the terminals are clean and tight.
- When gate is running does the voltage drop below 11 volts because if it does the battery is probably weak or not charged properly.

Setting Limits gate position is to be for a

- **Make sure the gate as an End Stop at Both ends of the gate. (Don't try to set limits if it does not or the gate will just run off the track)**
- **D2 Turbo Gate must be in Fully Closed position.**
- **Old D3 & D5 Gate must be Half Way Open.**
- **D5 Evo Gate must be Half Way Open.**

Finding Faults.

Beep Codes below but also look at files that I have with AA in front of them as its usually a quick check sheet to see what's going wrong with other things that are not normally listed.

Beep Codes I have found

- If the motor is beeping continuously whilst opening and shutting, then it has a sensor fault that could also be the old sensor that is usually found in a D2 or the magnet is too far away from the sensor or the sensor compartment is full of ants and dirt.
- A give away sign that it is doing this is that the gate runs at one speed and does not speed up and beeps continually while it is traveling open and shutting.

Buzzer feedback D2

Buzzer feedback

A warning buzzer will sound (where applicable) as per the table below:

Inhibitor name	Priority	Number of beeps	Fault type	Gate continues to operate	User can correct error
Battery-low	1	3 beeps every two seconds for 30 seconds	Power system fault	Yes ¹	Yes
Multiple collisions	2	Periodic until condition is cleared by user	Collision	No	Yes
Holiday Lockout	3	3 beeps periodically for 30 seconds	User	No	Yes
Mains failure	4	2 beeps every two seconds for 30 seconds	Power system fault	Yes	Yes
Beams broken (any)	5	1 beep periodically for 30 seconds	User	No	Yes
Beams broken (any)	6	3 beeps each time the gate is triggered	User	No	Yes

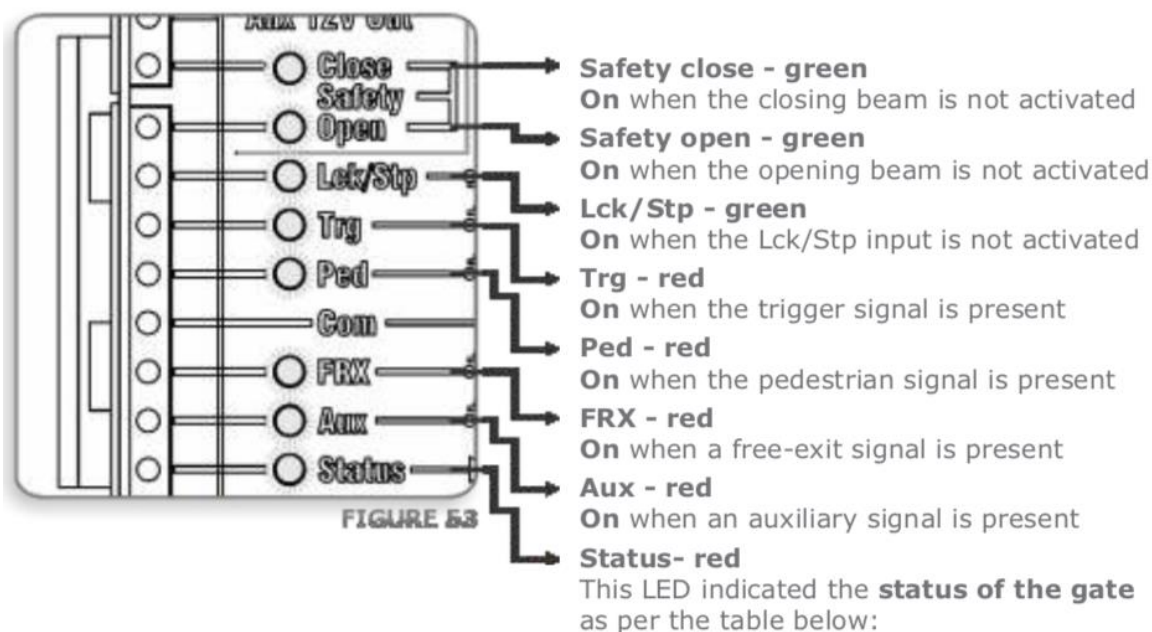
1. Gate will close fully and then shutdown for two minutes

TABLE 3

Diagnostic LEDs

The D5-Evo controller has a series of diagnostic LEDs which indicate the state of the inputs.

Normally open inputs are indicated by a **red** LED, and normally closed inputs by a **green** LED. An illuminated **red** LED indicates that the signal is present (e.g. intercom button pressed), while a non-illuminated **green** LED indicates that the signal is absent (e.g. IRB broken).



Gate status LED

Off	Gate is closed
On	Gate is partially or fully open
Continuous slow flash	Gate is opening
Continuous fast flash	Gate is closing
One flash every two seconds	Pillar light override is activated
Two flashes every two seconds	No mains present
Three flashes every two seconds	Battery voltage is low

D5 Buzzer Feed Back

Buzzer feedback

A warning buzzer will sound (where applicable) as per the table below:

Inhibitor name	Priority	Number of beeps	Fault type	Gate continues to operate	User can correct error
Break-in alarm	1	Continuous tone for 30 seconds	Alarm	N/A	N/A
Ambush alarm	2	Continuous tone until IRBs are cleared	Alarm	N/A	N/A
Battery low	4	3 beeps periodically for 30 seconds	Power system fault	Yes*	Yes
Multiple collision	3	Periodic until condition is cleared by user (500/500ms)	Collision	No	Yes
Auxiliary overload	5	5 beeps periodically for 30 seconds	Hardware	No	No
Holiday Lockout	6	1 beep periodically for 30 seconds	User	No	Yes
Emergency stop	7	1 beep periodically for 30 seconds	User	No	Yes
Time-barring	8	1 beep periodically for 5 seconds	User	No	Yes
No limits set	9	3 short beeps for 5 seconds	Lost	No	Yes
Mains failure	10	2 beeps periodically for 30 seconds	Power system fault	Yes	Yes
Beams broken (any)	11	1 beep periodically for 30 seconds	User	No	Yes
Beams failure	12	5 beeps periodically for 30 seconds	Hardware	No	No
DOSS disconnected	13	5 beeps periodically for 30 seconds	Hardware	No	No
Fuse blown	14	5 beeps periodically for 30 seconds	Hardware	No	Yes
Motor disconnected	15	5 beeps periodically for 30 seconds	Hardware	No	Yes
Bridge damaged	16	5 beeps periodically for 30 seconds	Hardware	No	No
Gate stalled	17	4 beeps periodically for 10 seconds	Collision	No	Yes
No magnet detected	18	Periodic while gate runs (500/500ms)	Lost	Yes	Yes

* Gate will close fully and then shutdown for two minutes