Flashing codes of weatronic components

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1: Information about the flashing codes

On the weatronic receivers and on the weatronic TX module there are LEDs included.
Those LEDs are indicating about conditions like **Binding**, **Quickbinding**, warning thresholds, reception and more.
Read on and you will find a list of the variations.

2: Flashing codes of the weatronic TX module

On the weatronic TX module are 3 LEDs which show information about
Status, Errors and **Test.**

2.1: Status – green LED

Flashing code: **Function:**

- Turning on   LED test
(**0,5s on**)

- Flashing   **Binding** mode
(**0,5s on - 0,5s off**)

- Fast flashing   Quick binding
(**0,25s ein - 0,25s aus**)

- Green with short interruption   No feedback from receiver
(**0,9s on - 0,1s off**)   normal frequency hopping

- Green   <u>Adaptive</u> frequency hopping
(**Permanent**)   receiver feedback;
                                                             telemetry data is being received.
                                                             Everything OK

2.2: Errors – red LED - simultaneous output of beep tone via speaker

Flashing code: **Function:**

- Turning on   LED test
  (**0,5s on**)

- 4 Times flashing - beeping   Warning no transmitter signal
  (**0,1s on** – 0,1s off - **0,1s on** – 0,1s off - **0,1s on** – 0,1s off - **0,1s on** – 0,5s off

- 3 Times flashing - beeping   Threshold range limit
  (**0,1s on** – 0,1s off - **0,1s on** – 0,1s off -**0,1s on** – 0,5s off)

- 2 Times flashing - beeping   Threshold battery voltage
  (**0,1s on** – 0,1s off - **0,1s on** – 0,5s off)

- 1 Flash - beeping   Threshold temperature
  (**0,1s on** – 0,5s off)

- **red   (new since firmware V2.30)**   **Button 1 or 2 is being pressed**
  (**Permanent**)

While red LED is flashing the speaker simultaneously beeps.
- Receiver warnings are sounds with 1000Hz
- Transmitter warnings are sounds with 800Hz
- In case of several warnings the one with the higher priority will be signaled.
- Reception warnings have priority in charge of transmission warnings of the same value.

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2.3: Test – yellow LED

Flashing code: **Function:**

- Turning on   LED test
(**0,5s on**)

- Flashing   Range test
(**0,5s on – 0,5s off**)

- Fast flashing   Scan mode
(**0,25s on – 0,25s off**)   (Associated with GigaControl)

2.4: Special case – fast flashing of all 3 LEDs

Incompatible firmware found on receiver!
Please update receiver!

By pressing **button 1** this warning can be turned off.
Please Note: Only limited use possible.
                 No operation of telemetry, sensor data or LinkVario is possible.

3: Flashing codes for DR Micro series / DR Smart series

The Micro and Smart series offer one green (**Binding**) and one red (**Status**) LED.
Those 2 LEDs show the condition of your receiver.

3.1: Binding - green LED

Flashing code: **Function:**

- Turning on   LED test
(**0,5s on**)

- Flashing   **Binding** mode
(**0,5s on – 0,5s off**)

- 2 Times flashing   Receiver on - but no reception
(**0,2s on – 0, 1 off – 0,2s on – 2,0s off**)   -> FailSafe

- **Green**   **Normal reception**
(**on**)   **Everything OK**

- Alternate flashing green and red   Firmware update incorrect
(**on - on - on - on - on- on** .....)   Please reinstall firmware

3.2: Status – red LED

Flashing code: **Function:**

- Turning on   LED test
(**0,5s on**)

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- Flashing   Failsafe learning

(**0,5s on – 0,5 off**)   (Jumper is plugged while turning on)

- Fast flashing   Gyro calibration

(**0,25s on – 0,25 off**)   (a few seconds after turning on)

- Very fast flashing   Gyro calibration failed.

(**0,1s on – 0,1 off**)

- Red   Firmware update is proceeding

(**on**)

- Alternate flashing green and red   Firmware update incorrect

(**on** - **on** - **on** - **on** - **on** - **on** .....)   Please reinstall firmware

3.3: Special case – fast flashing of both LEDs

- Flashing of red and green LED at the same time   TX module has incompatible firmware.
  (**on** - **on**- **off** - **off** - **on** - **on** .....)   Please update TX module.

4: Flashing codes for receivers of Clever series

The green (**Binding**) and the red (**Status**) LED display the conditions.

4.1: Binding - green LED

Flashing code:	Function:

- Turning on   LED test

(**0,5s on**)

- Flashing   **Binding** mode

(**0,5s on – 0,5s off**)

- 2 Times flashing   Receiver on but no reception

(**0,2s on – 0,1 aus – 0,2s on – 2,0s off**)   -> FailSafe

- **Green**   **Normal reception**

(**on**)   **Everything OK**

- Alternate flashing green and red   Firmware update incorrect

(**on** - **on** - **on** - **on** - **on**- **on** .....)   Please reinstall firmware

4.2: Status – red LED

Flashing code:	Function:

- Turning on   LED test

(**0,5s on**)

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- Flashing   Failsafe learning
(**0,5s on – 0,5 off**)   (Jumper is plugged while turning on)

- Red   Firmware update is proceeding
(**on**)

- Alternate flashing green and red   Firmware update incorrect
(**on - on - on - on - on - on** .....)   Please reinstall firmware

4.3: Special case – fast flashing of both LEDs

- Flashing of red and green LED at the same time   TX module has incompatible firmware.
  (**on - on- off - off - on - on** .....)   Please update TX module.

5:Flashing codes of the weatronic Gizmo series

The Gizmo receiver offers on the upper side of the case 3 LEDs (**Log – Status – Battery**).
On the switch board there are also 2 LEDs (**Status – Battery**). On the back of the switch board you have the opportunity to plug additional LEDs.

5.1: Status - green LED

Flashing code: **Function:**

- Short flashing   LED test
(**0,5s ON**)

- Flashing   **Binding** mode
(**0,5s on – 0,5s off**)

- 2 Times flashing   Receiver on but no reception
(**0,2s on – 0,1 off – 0,2s on – 2,0s off**)   -> FailSafe

- 3 Times flashing   Threshold temperature
(**0,2s on - 0,1s off - 0,2s on - 0,1s off - 0,2s on - 0,5s off**)

- Fast flashing   Gyro calibration (max. 10s)
(**0,25s on - 0,25s off**)

- Green with short interruption   **Normal reception**
(**0,9s on - 0,1s off**)   **Everything OK**
                                                  + Signal reception of the internal GPS

- **Green**   **Normal reception**
(**on**)   **Everything OK**

4.2: Battery – red LED

Flashing code: **Function:**

- Short flashing   LED test
(**0,5s on**)

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- Red   **(new since Firmware V2.30)**   **Battery test failed**
(**on**)

- Fast flashing   Backup battery was used
(**0,2s on– 0,2s off**)

- 2 Times flashing   Threshold battery voltage
(**0,2s on – 0,1s off - 0,2s on – 0,5s off**)

- intermittent flashing (only receiver case)   Standby
(**0,2s on – 5s off**)

- **No flashing   (new since Firmware V2.30)**   **normal operation**
(**off**)   **power supply OK**

5.3: Log – yellow LED (only at receiver case)

Flashing code: **Function:**

- Flashing   recording of data to Micro SD card
(**0,2s on – 0,5s off**)

- Fast flashing   Testing Micro SD card (max. 10s)
(**0,25s on – 0,1s off**

5.4: Special case – fast flashing of both LEDs

- Flashing of red and green LED at the same time   TX module has incompatible firmware.
(**on - on- off - off - on - on** .....)   Please update TX module.

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