

Flashing codes of weatronic components

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1: Information for flashing codes

On the weatronic DualReceiver and on the weatronic TX module there are LEDs included. Those LEDs give you information about conditions like **Binding**, **Quickbinding**, warning thresholds, reception and other. Following you will find a list of the LED displays.

2: Flashing codes of the weatronic TX module

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

2.1: Status – green LED

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• Flashing (0,5s on - 0,5s off)	Binding mode
• Fast flashing (0,25s ein - 0,25s aus)	Quick binding
• Green with short interruption (0,9s on - 0,1s off)	No feedback from receiver normal frequency hopping
• Green (on)	<u>Adaptive</u> frequency hopping receiver feedback; telemetry data is being received. Everything OK

2.2: Error – red LED - simultaneous output via speaker

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• 4 Times flashing - beeping (0,1s on – 0,1s off - 0,1s on – 0,1s off - 0,1s on – 0,1s off - 0,1s on – 0,5s off)	Warning no transmitter signal
• 3 Times flashing - beeping (0,1s on – 0,1s off - 0,1s on – 0,1s off - 0,1s on – 0,5s off)	Threshold range limit
• 2 Times flashing - beeping (0,1s on – 0,1s off - 0,1s on – 0,5s off)	Threshold battery voltage
• 1 Flash - beeping (0,1s on – 0,5s off)	Threshold temperature
• red (new since firmware V2.30) (ein)	Button 1 or 2 is being pressed

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.

2.3: Test – yellow LED

<u>Flashing code:</u>	<u>Function:</u>
<ul style="list-style-type: none">• Turning on (0,5s on)	LED test
<ul style="list-style-type: none">• Flashing (0,5s on – 0,5s off)	Range test
<ul style="list-style-type: none">• Fast flashing (0,25s on – 0,25s off)	Scan mode (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.

Caution: Only limited use possible. No operation of telemetry, sensor data or LinkVario possible.

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

DualReceivers of the Micro and Smart series are one green (**Binding**) and one red (**Status**) LED. Those 2 LEDs show the condition of your DualReceiver.

3.1: Binding - green LED

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• Flashing (0,5s on – 0,5s off)	Binding mode
• 2 Times flashing (0,2s on – 0,1 aus – 0,2s on – 2,0s off)	Receiver on - but no reception -> FailSafe
• Green (on)	Normal reception – everything OK
• Alternate flashing green and red (on - on - on - on - on - on)	Firmware update incorrect Please reinstall firmware

3.2: Status – red LED

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• Flashing (0,5s on – 0,5 off)	Failsafe learning (Jumper is plugged while turning on)
• Fast flashing (0,25s on – 0,25 off)	Gyro calibration (few seconds after turning on)
• Very fast flashing (0,1s on – 0,1 off)	Gyro calibration failed.
• Red (on)	Firmware update is being proceeded
• Alternate flashing green and red (on - on - on - on - on - on)	Firmware update incorrect Please reinstall firmware

3.3: Special case – fast flashing of both LEDs

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

4: Flashing codes for receivers of Clever series

The LEDs on the weatronic Clever series are next to the **SCU** port and on top of the case. The green (**Binding**) and the red (**Status**) LED display the condition.

4.1: Binding - green LED

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• Flashing (0,5s on – 0,5s off)	Binding mode
• 2 Times flashing (0,2s on – 0,1 aus – 0,2s on – 2,0s off)	Receiver on but no reception -> FailSafe
• Green (on)	Normal reception – everything OK
• Alternate flashing green and red (on - on - on - on - on- on)	Firmware update incorrect Please reinstall firmware

4.2: Status – red LED

<u>Flashing code:</u>	<u>Function:</u>
• Turning on (0,5s on)	LED test
• Flashing (0,5s on – 0,5 off)	Failsafe learnig (Jumper is plugged while turning on)
• Fast flashing (0,25s on – 0,25 off)	Gyro calibration (few seconds after turning on)
• Very fast flashing (0,1s on – 0,1 off)	Gyro calibration failed.
• Red (on)	Firmware update is being proceeded
• Alternate flashing green and red (on - on - on - on - on - on)	Firmware update incorrect Please reinstall firmware

4.3: Special case – fast flashing of both LEDs

• Flashing of red and green LED at the same time (on - on- off - off - on - on)	TX module has incompatible firmware. Please update TX module.
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5: Flashing codes of weatronic DR 12-22 R series

On the DualReceiver der DR 12-22 R Serie there are on the upper side of the case 3 LEDs (**Log – Status – Battery**).

On the switch board are also 2 LEDs (**Status – Battery**). On the back you have the opportunity to plug additional LEDs.

5.1: Status - green LED

<u>Flashing code:</u>	<u>Function:</u>
<ul style="list-style-type: none">Short flashing (0,5s ein)	LED test
<ul style="list-style-type: none">Flashing (0,5s on – 0,5s off)	Binding mode
<ul style="list-style-type: none">2 Times flashing (0,2s on – 0,1 aus – 0,2s on – 2,0s off)	Receiver on but no reception -> FailSafe
<ul style="list-style-type: none">3 Times flashing (0,2s on - 0,1s off - 0,2s on - 0,1s off - 0,2s on - 0,5s off)	Threshold temperature
<ul style="list-style-type: none">Fast flashing (0,25s on - 0,25s off)	Gyro calibration (max. 10s)
<ul style="list-style-type: none">Green with short interruption (0,9s on - 0,1s off)	Normal reception- everathing OK + reception internal GPS
<ul style="list-style-type: none">Green (on)	Normal reception – everything OK

4.2: Battery – red LED

<u>Flashing code:</u>	<u>Function:</u>
<ul style="list-style-type: none">Short flashing (0,5s on)	LED test
<ul style="list-style-type: none">Red (new since Firmware V2.30) (on)	Battery test failed
<ul style="list-style-type: none">Fast flashing (0,2s on– 0,2s off)	Backup battery was used
<ul style="list-style-type: none">2 Times flashing (0,2s on – 0,1s off - 0,2s on – 0,5s off)	Threshold battery voltage
<ul style="list-style-type: none">Sporadic flashing (only reciever case) (0,2s on – 5s off)	Standby
<ul style="list-style-type: none">No flashing (new since Firmware V2.30) (off)	normal operation – powersupply OK
<ul style="list-style-type: none">	

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

Flashing code:

- Flashing
(0,2s on – 0,5s off)
- Fast flashing
(0,25s on – 0,1s off)

Function:

Micro SD card is being written

Testing Micro SD card (max. 10s)

5.4: Special case – fast flashing of both LEDs

- Flashing of red and green LED at the same time
(on - on- off - off - on - on)

TX module has incompatible firmware.
Please update TX module.