

Contact Harald

Card Button Press and LED Status

Version 1.0.6

Summary

This document describes how to move the cards in and out of different states, such as turning the card on or off; how to check the current card status with the LED flash sequence shown on the cards.

This applies to firmware version 1.1.69 through to 1.2.x

Version Control

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Update	Minor updates and reformatting, clarification on LED flashes
Document Version	1.0.3
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Document Version	1.0
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Update	First cut of the document

1. The card is off

New card fresh out of the box, never used

Action	Button Press	LED Flashes	Meaning
Turn on card, advertise	Single or double click	Blue 5 times	Card turns on and advertises as connectable* for 16 seconds.
Auto shutdown	(After previous button press)	Red 2 times	If nothing connects, the card will auto shutdown to the off state within 15 minutes and LED x2 Red flash to confirm.

* A card is advertising when it is looking to connect to another device, such as an iPad. Connectable is one of the modes the card can advertise.

2. The card is advertising (after button pressed)

New card fresh out of the box, never used

Action	Button Press	LED Flashes	Meaning
Advertise again	Single click	Blue 5 times	Card already on and continues to advertise as connectable for 16 another seconds.
Turn off card, back to factory state	Double click	Red 2 times	Card turns off . Note: only cards that have never been registered can be turned off using this method.
Auto shutdown	(After previous button press)	Red 2 times	If nothing connects, the card will auto shutdown to the off state within 15 minutes and LED x2 Red flash to confirm.

3. The card is connected (during registration)

New card fresh out of the box, never used

Action	Button Press	LED Flashes	Meaning
Check status	Single click	Blue & Green 5 times (in sequence)	Card is connected to the App and is no longer advertising.
Check status	Double click	Blue 1 time	Card is connected to the App and is no longer advertising.

4. The card is in sleep or hibernation

The card been put into sleep mode by the app

Action	Button Press	LED Flashes	Meaning
Turn on card	Single click	Blue 5 times	Card turns on and advertises as connectable for 16 seconds. Stays on .
Check card status	Double click	Red 1 time	Card remains off , card status stays in sleep .

5. The card is on, not connected

A registered card

Action	Button Press	LED Flashes	Meaning
Start advertising	Single click	Blue 5 times	Card advertises as connectable for 16 seconds. Stays on.
Check card status	Double click	Green 1 time	No new records since the last button press.
		Green 5 times	New records since last button press, card status is on and not connected.

6. The card is on, connected

A registered card

Action	Button Press	LED Flashes	Meaning
Single click	Single click	Blue & Green 5 times (in sequence)	Card is already connected and will remain connected to the App.
Check card status	Double click	Blue 1 time	Card is on and connected to the App.

7. The card is on, low battery warnings

A registered card

Action	Button Press	LED Flashes	Meaning
5.5 months expired since first registration	(automatic, no button press)	Red 3 times	<p>Card is getting close to the six month expiry date, based on time.</p> <p>Depending on card power usage, this flash sequence will occur before the warning below. The red flash sequence will repeat every two minutes.</p>
Card battery has < 15% power remaining	(automatic, no button press)	Red 5 times	<p>The card battery will soon expire, based on remaining power.</p> <p>Approximately 15% battery power remains, the card has less than two weeks of battery left. The red flash sequence will repeat every two minutes.</p> <p>Note: if the battery gets below 10%, the card will hibernate to preserve power and keep the records on the card. Press the button to wake the card and transfer data off the card.</p>