

# GH5200 Keyboard

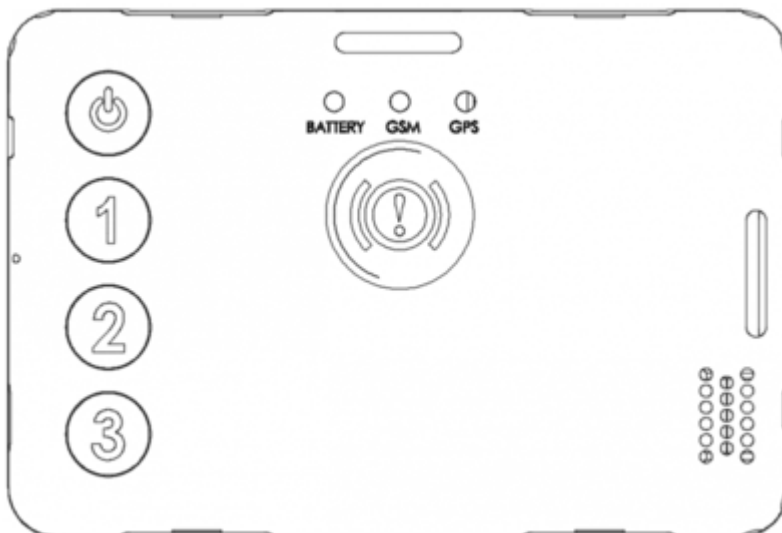
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## Keyboard functionality



A virtual keyboard is based on five configurable buttons:

- *Alarm Button* ;
- *Power Button* ;
- *Button 1* ;
- *Button 2* ;
- *Button 3* .

Each button has three click combinations and one *Power Button* - specific combination for power off:

- *1 Click* - button is pressed once for no longer than two seconds.
- *2 Clicks* - button is pressed for no more than two times. Time between clicks has to be shorter than one second.
- *Long Click* - button is pressed and held down for two seconds.
- 5 second-long click on *Power Button* - the device is turned off.

## Button IO Feature



Purpose of this functionality is to generate event on button click to let user know which button was clicked and what action was done (if action is configured). Events will be generated only if one (or more) buttons are selected in the **Event Button Source** parameter and only for selected buttons. Button IO Feature events are generated with **AVL ID 389**.

**Feature Settings** parameter sets the priority of event:

- **Low Priority** - Generates record and sends it to server with next data transmission.
- **High Priority** - Generates record with High priority flag and sends event packet immediately to the server using GPRS.

Possible hexadecimal values are provided in the table below

	1 Click	2 Clicks	Long Click
<b>Alarm Button</b>	0x11	0x12	0x13
<b>Power Button</b>	0x21	0x22	0x23
<b>Button 1</b>	0x31	0x32	0x33
<b>Button 2</b>	0x41	0x42	0x43
<b>Button 3</b>	0x51	0x52	0x53

## Button Action

Available functionalities for button click combinations are provided in the table below

Name	Description
<b>None</b>	Do nothing when button is triggered
<b>Alarm</b>	Activate Alarm scenario
<b>ManDown On</b>	Enable ManDown scenario
<b>ManDown Off</b>	Disable ManDown scenario
<b>ManDown Switch</b>	Activate/Deactivate ManDown scenario
<b><u>ManDown Cancel</u></b>	Cancels current ManDown event, but ManDown feature stays enabled.
<b>Auto Geofence On</b>	Enable Auto Geofence scenario
<b>Auto Geofence Off</b>	Disable Auto Geofence scenario
<b>Auto Geofence Switch</b>	Activate/Deactivate Auto Geofence scenario
<b>Call</b>	Call to number selected in <i>Call Action</i>
<b>SMS</b>	Send SMS to number selected in <i>Send SMS to</i>
<b>Tracking Switch</b>	Turn on/Turn off GNSS module
<b>Tracking On</b>	Turn on GNSS module
<b>Tracking Off</b>	Turn off GNSS module
<b>On Demand tracking Switch</b>	Activate/Deactivate Tracking on Demand functionality
<b>On Demand tracking On</b>	Starts Tracking on Demand functionality
<b>On Demand tracking Off</b>	Stops Tracking on Demand functionality
<b>Movement Event Switch</b>	Activate/Deactivate Movement Event scenario
<b>Movement Event On</b>	Enable Movement Event scenario
<b>Movement Event Off</b>	Disable Movement Event scenario
<b>Answer</b>	Answer incoming call
<b>Loud Answer</b>	Answer incoming call with loud speaker
<b>Hang-Up</b>	Hang-up when incoming call is in progress
<b>Volume Up</b>	Increase speaker volume by 10%

<b>Volume Down</b>	Reduce speaker volume by 10%
<b>Switch Speaker</b>	Switch between Normal/Loud speaker
<b>Power Off</b>	Turn off device
<b><u>Function Pause</u></b>	Pause ManDown and NoMovement Event scenarios
<b>Amber alert Switch</b>	Activate/Deactivate Amber alert scenario
<b>Amber alert On</b>	Enable Amber alert scenario and starts countdown timer
<b>Amber alert Off</b>	Disable Amber alert scenario
<b>Beacon On Demand Switch</b>	Activate/Deactivate Beacon On Demand functionality
<b>Beacon On Demand On</b>	Starts Beacon on Demand functionality and scanning for determined duration
<b>Beacon On Demand Off</b>	Stops Beacon on Demand functionality

## Power Off Settings



This feature enables or disables Power button's functionality to shutdown device after holding the button not less than 5s. If it is disabled, then user can't shutdown device with power button.

<b>NOTE!</b>	If any button trigger has configured power off action, then device can be turned off with that action (1 click, 2 clicks or long click).
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