

iJaz Modem

SMS Hytta Varm



User Manual

Overview

The iJaz Modem enables remote control of the BEHA iJaz Power Control System, and you can “SMS your cabin warm” by sending simple SMS messages. It also have several other highly useful features, like receiving events from external systems (e.g. smoke detectors, alarm systems, flooding sensors and similar), report the current status and send an alarm SMS if something should occur. You can also apply you own text in the messages making it really easy to identify the cause of event.

The most important features of the iJaz Modem are:

- **iJaz Control** – Enables Normal or Power Saving mode on the BEHA iJaz Control unit.
- **Password** – Use of password to prevent unauthorized use of the BEHA iJaz Control unit.
- **Recipient list** – A list of up to five recipients to received status report messages and event notifications.
- **Power On Message** – Send a message to the recipient list when the iJaz Modem starts up to indicate that a power loss has occurred.
- **Event Notification** – Sends a message to the recipient list to notify of an event / signal from a connected external system has occurred.
- **PIN** – Change the SIM card pin code using SMS.

To enable the Normal or Power Saving mode on the BEHA iJaz Control Unit use the **IJAZ** command with the correct options. The command can be sent by every one who has the correct password and it is not necessary to enroll any phone numbers / recipients on the iJaz Modem for it to work. This makes the iJaz Modem very easy to use, and the password can be changed at any time if needed. For a more detailed description see the **IJAZ** and **PWD** command description.

The BEHA iJaz Power Control System has two programs, Normal and Power Save which can be enabled using the iJaz Modem. If the iJaz Modem should restart for some reason, for example after a power down, the last program set on the BEHA iJaz Control Module by the iJaz Modem is remembered and re-enabled. The iJaz Modem is not able to read the currently enabled program on the BEHA iJaz Control Module, but only enable a program and remember it.

Due to the fact that the iJaz Modem have no way of detecting if the mode was changed directly on the iJaz Control Unit, it is recommended that you use the iJaz Modem to change the power control mode before you arrive and when you leave. This is especially important if you leave for some time, since a power down could make the iJaz Modem re-enable the normal mode if that was set the last time the iJaz Modem was used.

To illustrate this situation, for example if you changed the mode from power saving to normal by sending a SMS to the iJaz Modem the day before you left for the cabin, and when you leave you set the power saving mode manually on the iJaz Control Unit, then

the normal mode is saved by the modem for later use, and if a power down occurs, the normal mode will be re-enabled and could potentially leave the power on for some time before you notice it. Therefore, it is strongly recommended that you only use the iJaz Modem to change the mode when you leave.

The **power on message (PWON)** and the **notification message (NTMS)** functions send the SMS messages to a list of up to five recipients. The recipients are stored on the SIM card, and can be entered using a mobile phone or by using the **LIST** command. Using the **LIST** command you can also get all currently enrolled, add new and delete existing recipients.