

ProxiPen



The ProxiPen is a **DAU** for reading **GET** and **GPT**.

Reading

By approaching the head to a TAG (**GET** or **GPT**).

A valid reading will be confirmed by an acoustic signal and the light up of the LEDs. If there is no acoustic (one bip) **the battery is low and should be exchanged!**

The distance between the head and the TAG should not be bigger than 1,5 cm. Take away the ProxiPen only after the acoustic and optic confirmation!

Invalid readings are indicated by a multi-bip and multi light-up of the LEDs!

Please note:

A reading couldn't been accepted either, because the device is **locked!**

FCC Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and**
- (2) this device must accept any interference received, including interference that may cause undesired operation.**

Any unauthorised modification to this device may void the authority of the user to operate it.

Battery Exchange

A valid reading is confirmed by an acoustic signal and a double light up of the LEDs on the ProxiPen head. If only the LEDs light up and no acoustic signal resounds, the battery is low and should be exchanged.

The ProxiPen operates with every 1,5 V battery, size AA.

Zinc-coal batteries are not recommended because they are not powerful enough.

GCS recommends the following battery types:

Type	Company/Brand	Symbol	Application
Alkalie	DURACELL Ultra		-10°C to + 70°C for the standard operation
NiMh	SANYO Twicell		rechargeable, saves battery costs, but low reading performance
Lithium	ENERGIZER		low temperatures: -20°C to + 70°C



The battery should be exchanged within 3 minutes, other wise the ProxiPen switches in the „Boot Mode“.

In this operation mode no readings can be made anymore!

This is a protection against manipulation: If a user takes off the battery (longer then 3-15 minutes), the switch over time to the Boot Mode is saved in the ProxiPen.

If you set the date / time the mode will be again „normal“.

In the configuration mode WinDau switches automatically during the download of a ProxiPen to the normal mode (by setting the date / time), but indicates the disabling time (Boot Mode) (<last on power drop out>):

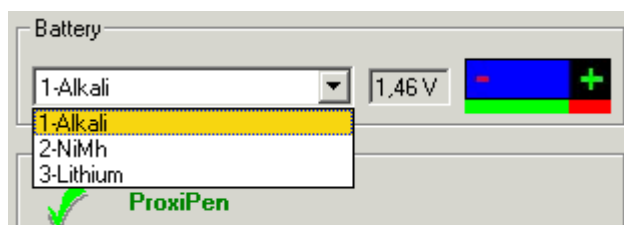
Last Long Power Dropout 02.10.2001 22:05:00

Note: After a new reading this indication is deleted!

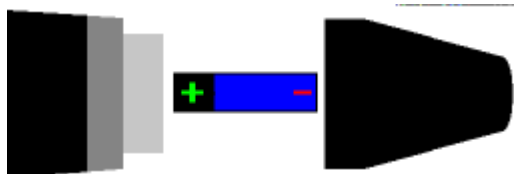
Important:

If you want to use an other battery type, you have to „inform“ the ProxiPen, because it uses other values:

The maximum voltage of a NiMH battery is approx. 1,35 V, but for an Alkali battery it can be more then 1,55V:



Please watch for the polarity during the battery exchange:



The ProxiPen is protected against wrong polarity, but a wrong placed battery will be discharged!

Lock Status

You can lock the ProxiPen which means that you can't read any control point.

If the ProxiPen is locked, a warning will appear in the status window.

Modem Settings

You can make settings for the remote data transmission (e.g. via cellular phone or modem) in the ProxiPen.

If you write in the field "Dial String" the settings in the ProxiPen will be used for the dial-up for the remote data transmission. If the field is empty the [PenDtu modem settings](#) are used (standard).

Three parameters regulate the modem transmission:



Replace the entry **<NUMBER>** by the receiver's telephon number:

e.g.: ATD0,31361

In this example „0“ is dialed for a trunk line. The comma (,) causes a pause before the rest of the number is

dialed. This is necessary if the demand for a trunk line takes a certain time.
Redials indicate the number of dial tryings, is this number reached the modem transmission is interrupted.
Redial Interval indicates how many seconds should elapse between the different establishments of

WinDau doesn't support any remote data transmission!

Date/Time Setting

During the reading of the ProxiPen WinDau checks its internal date/time setting by comparing it with the PC time. The difference must not be bigger then +/- 5 Minuten, otherwise a warning will appear in the status field. The [Time zone set in the PenDtu](#) is important (especilly for the time/date setting of the ProxiPen with „setting PC date / time“).

WinDau supports only local connected PenDtus, therefore its time zone should be the same as the one set in the PC!

Pay always attention the the right time zone, date and time are set on your PC!