

# ***short instruction manual***

**of special functions Type Gorlo&Todt Zeus, Magneto and Jumbos  
new USB version with Macro function:**

## ***Introducing of the various functions***

1. The keyboard is equipped with an adjustable **lock/automatic-release** – function for the following keys: **left and right shift key, left and right ctrl key, alt key, altgr key, window key.**

One or more of these keys are sometimes used to be pressed simultaneously with other keys. With this function you can use the keyboard only with one Finger or Stick. The yellow pilot Lamp shows you the status if one or more shift keys working ( in Lock modus ).

You have for every key 3 different possibilities: a. no Lock function

b. one Time Lock function

c. always Lock function

2. 'Overlock' function. This means if you use the one time lock and you want to have the always lock function only for one time.

3. Adjustable short sound ( signal if you press one key ).

4. Adjustable Light ( Light signal if you press one key ).

5. Additional keys: @ and €.

6. The keyboard is equipped with a Makro function. This usefull function allows you to storage up to 100 signs or letters to one key for every key of the keyboard ( only without the keys F10, <> and Pau ).

7. An output of a status list and a macro list is possible.

8. Optional: some keyboards are equipped with 4 different delay times.

9. Optional: some keyboards are equipped with an connector to use an additional G&T numeric keypad.

## ***Getting started***

### **Connect to PC:**

This kind of keyboard works without any special Software.

Just connect to the USB port of the Computer ( IBM compatible or apple/Mac compatible ).

The keyboard appears as a Gorlo&Todt HID device.

## ***How to use and adjust the special functions***

First, it is not necessary to re-adjust the special functions of the keyboard.

**Standard settings** are:

- one time lock ( no overlock ) for the keys: left and right shift key, left and right ctrl key, alt key, altgr key.
- no lock function for the window key
- no overlock
- no light
- no sound

### **1. The Lock/automatic –release function.**

To adjust the special functions it is necessary to connect the keyboard.

We recommend to adjust the special functions to use a write programm for example word or wordpad.

### **Change the lock functions:**

1. Press about **3 seconds the ( black ) Prog** key till the red lamp Prog is shining. Now the keyboard is in programming mode.

2. Press the key with the lock function you want to change. Each lock key has a yellow lamp.

a. **no lock:** press the lock key until the yellow lamp is off.

b. **on time lock:** press the lock key until the yellow lamp is shining

c. **always lock:** press the lock key until the yellow key is flashing.

3. Press short the Prog key until the red lamp is off.

Hint: The new settings are now storaged ( also if the computer is off ).

After 3 minutes in the programming modus without keypressing, the keyboard change automatically into the normal operating modus without storage of the new settings.

### Change the overlock function:

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining. Now the keyboard is in programming mode.
2. **Turn on** : Press the key **Q about 2 seconds** till the orange lamp 'Beep' is shining.  
**Turn off**: Press short the key **Q** till the orange lamp 'Beep' is off.
3. Press short the Prog key until the red lamp is off.

### Change the light signal:

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining. Now the keyboard is in programming mode.
2. **Turn on** : Press the key **L about 2 seconds** till the white lamp 'Light' is **shining** ( only light and no sound is activated ) or the white lamp is **fast flashing** ( light and sound is activated ).  
**Turn off**: Press short the key **L** till the white lamp 'light' is off ( no light and no sound is activated ) or **slow flashing** ( only sound is activated ).
3. Press short the Prog key until the red lamp is off.

### Change the sound signal:

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining. Now the keyboard is in programming mode.
2. **Turn on** : Press the key **B about 2 seconds** till the white lamp 'Light' is **slow flashing** ( only sound and no light is activated ) or the white lamp is **fast flashing** ( light and sound is activated ).  
**Turn off**: Press short the key **B** till the white lamp 'light' is off ( no light and no sound is activated ) or **shining** ( only light is activated ).
3. Press short the Prog key until the red lamp is off.

### How to use the keys defil, F11 and F12:

Press short the key **MAK** ( the blue lamp turn on ) and then the key **F10 for defil, <> for F11 and Pau for F12.**

Hint: The letters of the keys are blue painted.

### How to use the Makro function:

#### Storage:

1. Press **about 3 seconds the key MAK** till the blue lamp is **flashing**. You are in the Makroprogramming mode.
2. Now press the signs or letters you want to storage ( for example: Hello ).
3. Please press short the key MAKRO. A small sound follows.
4. Now press the key you want to storage your text or letters ( for example press the key A to storage your word Hello ). A small sound follows and the blue Mak lamp turn off.

#### Call the Macro:

1. Press **short the key Makro**. The blue Mak lamp is **shining**.
2. Press now the choosen key ( for example the key A for the word Hello ). The blue Mak lamp turn off.

#### Delete a Makro:

Use the same procedure like to storage a Makro but without writing letters.

1. Press **about 3 seconds the key MAK** till the blue lamp is **flashing**.
2. Press short again the key Mak.
3. Press the key you want to delete.

### Output of the keyboard status list and the Makro list:

#### Keyboard status list:

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining.
2. Press about 3 seconds the key **S** till the list appears on the screen.
3. Press short the Prog key until the red lamp is off.

#### Makro list:

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining
2. Press short the key **Mak** till the list appears on the screen.
3. Press short the Prog key until the red lamp is off.

## How to use the 4 delay times:

### Explanation of the 4 different delay times

- a. **Time WR** ( WR – Wiederholrate ): repeat time: how many characters send the keyboard-wile pressing one key. Lowest Position means no characters ( no repeat ) highest Position means the fastest modus. Clockwise rising.
- b. **Time WV** ( Wiederholbeginn Verzögerung ): the time when the repeat time starts beginning while pressing one key. Lowest Position means short time, highest Position means long time.
- c. **Time AV** ( Anschlag Verzögerung ): delay time, the time you have to press until the keyboard accept the key pressure/time. Lowest Position means short time, highest Position means long time.
- d. **Time Sperr** ( Sperrzeit ): stop time, the time beetwen accepting pressed keys. Lowest Position means short time, highest Position means long time.

### How to change the delay times

1. Press about **3 seconds the ( black ) Prog key** till the red lamp Prog is shining. Now the keyboard is in programming mode.
2. **Press about 3 seconds the key 'E'** till the red lamp is flashing. Now you are in the adjusting mode of the delay times.
3. Adjust now the 4 different black Knobs at the rear side of the keyboard.
4. Press short the black Prog key until the red lamp is off.

Hint: The new settings are now stored ( also if the computer is off ).  
After 3 minutes in the programming modus without keypressing, the keyboard change automatically into the normal operating modus without storage of the new settings.

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