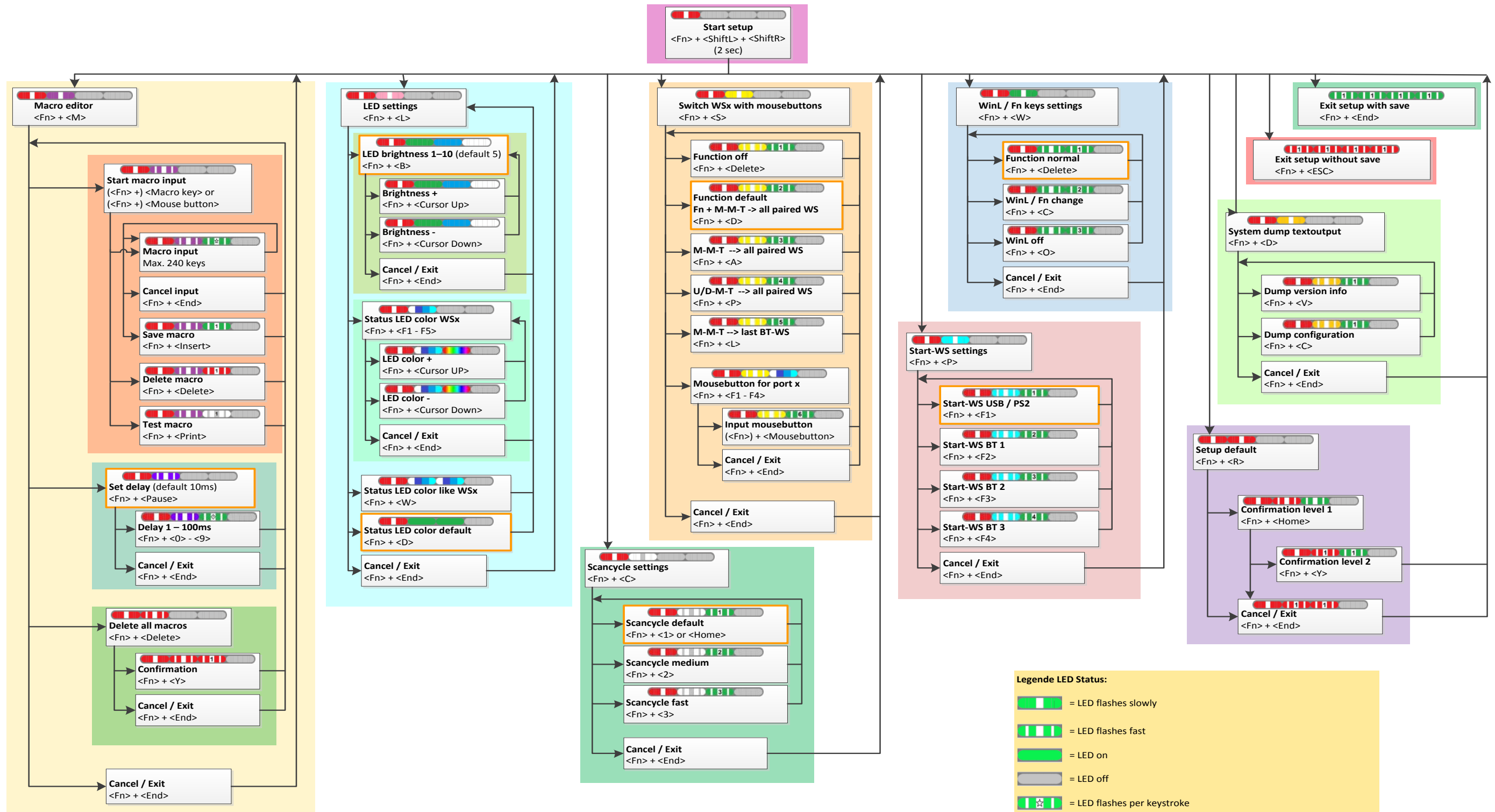


# Summary setup functions:



UNIKEY

Erstellt: MG/HZ  
V1.0 Datum: 22.07.2016  
Uniqey Prog. Sheet-User.vsd

# Setup Programming

## 1. Start Setup

## 2. Exit Setup without Save

## 3. Exit Setup with Save

## 4. Start Macro Editor

- 4.1. Macro Programming
- 4.2. Set Delay
- 4.3. Clear all Macros

## 5. LED Settings

- 5.1. LED Brightness (10 Steps)
- 5.2. Color of Status LEDs WSx
- 5.3. Color of Status LEDs as WSx
- 5.4. Color of Status LEDs default

## 6. Scan Cycle Settings

- 6.1. Scancycle default
- 6.2. Scancycle medium
- 6.3. Scancycle fast

## 7. Switching Channels with Mousekeys

- 7.1. Function off
- 7.2. FN+M-M-K → all paired WS
- 7.3. M-M-K → all paired WS
- 7.4. U/D-M-K → all paired WS
- 7.5. M-M-K → last BT - WS
- 7.6. Definition Mousekey for Port x



Use Keycombination  
always in showed  
Sequential Arrangement

## 8. Start WS Settings

- 8.1. Start-WS USB/PS2
- 8.2. Start-WS BT 1\*\*
- 8.3. Start-WS BT 2
- 8.4. Start-WS BT 3

## 9. Functionkeys WinL / Fn

- 9.1. Function normal
- 9.2. Swap WinL / Fn Keys
- 9.3. Deactivation WinL Key

## 10. System Dump Textoutput

(Display with Texteditor)

- 10.1. Dump Version Info
- 10.2. Dump Configuration

## 11. Setup Default

( Reset Keyboard to Factory Default Configuration)

- 11.1. Confirmation



\* WS = Workstation/Channel  
\*\* BT = Bluetooth- Channel

# SETUP Programming

## 1. Start Setup

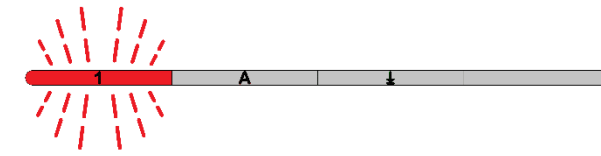
2. <Fn> + <ShiftL> + <ShiftR> (keep pressed for 2 seconds)

⇒ LED 1 flashing slow

Keyboard is in Offline Mode.

Characters will be sent to connected system only at special functions (Macro Input / Dump).

Mouse Inputs are active.



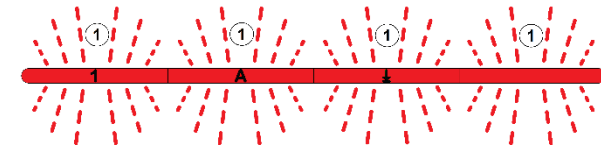
## 3. Exit Setup without Save

<Fn> + <Esc>

⇒ LEDs 1 – 4 flashing 1x

All new Configurations will be canceled

(except Macros).

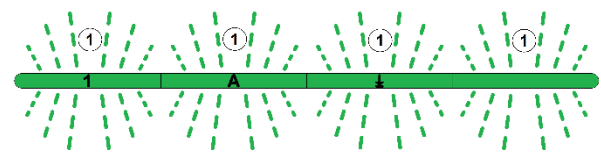


## 4. Exit Setup with Save

5. <Fn> + <End>

⇒ LEDs 1 – 4 flashing 1x

All new Configurations will be stored



### 4. Macro Editor

<Fn> + <M>

⇒ LED 1 und LED 2 flashing slow



#### 4.1. Macro Programming

(<Fn> +) <Macro- Key or Mousekey>

⇒ LED 1 flashing slow, LED 2 flashing fast

Programming of user defined strings for nearly all keys.

<max. 240 characters per Macro e.g. 7,6 KB total for 256 Macros>

#### Macro Input

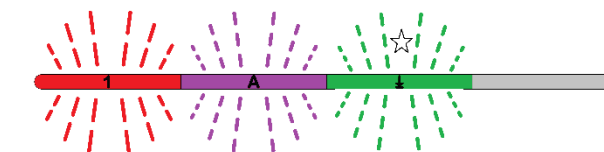
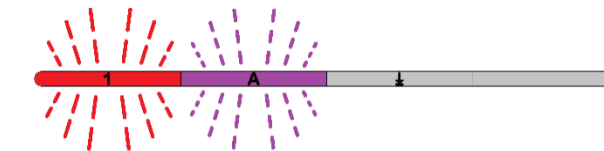
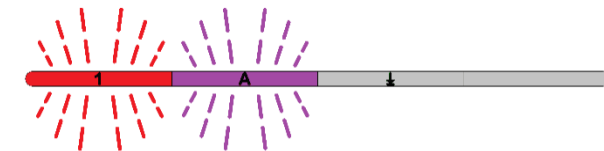
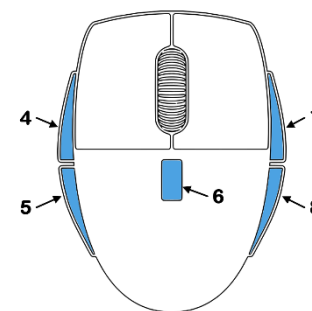
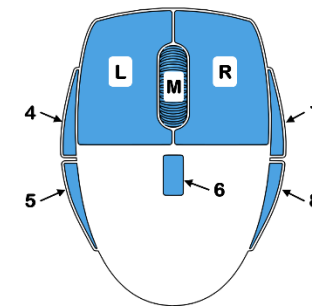
💡 Programmable keyboard- and mousekeys.

with Fn

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing with each keypress



without Fn



**Info for USB mousekeys 4-8:**  
Only keys, which are defined at USB Descriptor with format „Usage Page Buttons“

### Cancel Input

<Fn> + <End>

Return to Macro-Editor Menu.



### Save Macro

<Fn> + <Insert>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
Defined Macrocharacters will be saved.



### Delete Macro

<Fn> + <Delete>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
Macro of selected key will be deleted.



### Test Macro

<Fn> + <Print>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
Output of defined Macrocharacters for control (e.g. at Texteditor).



## 4.2. Set Delay

<Fn> + <Pause>

⇒ LED 1 flashing slow, LED 2 flashing fast  
Outputdelay between each keycode.



(at Macros with many characters, there can happen at fast output, loss of single characters by operating system).

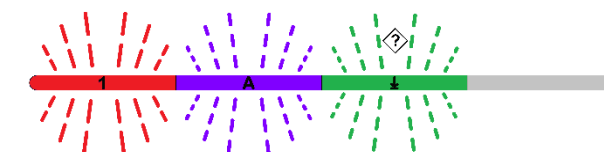
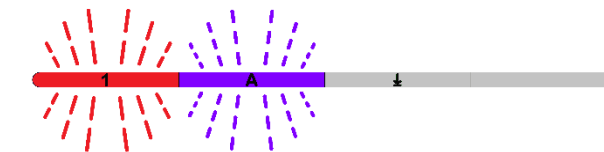
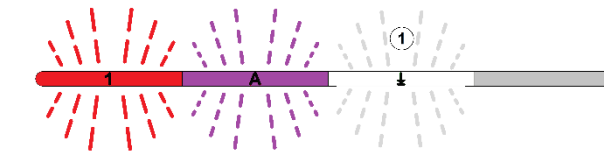
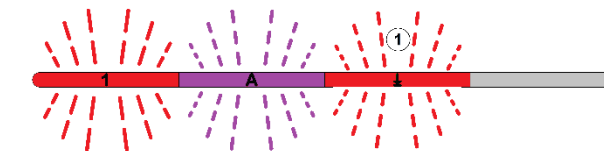
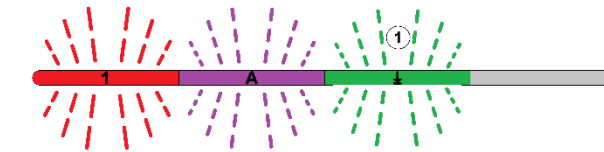
### Delay 1 – 100ms

<Fn> + <0> - <9>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing depends of configuration

<0> fast output with 1ms delay between each character

<9> slow output with 100 ms delay between each character



**Cancel or Exit after Configuration**

<Fn> + <End>

Return to Macro-Editor Menu.



**4.3. Delete all Macros**

<Fn> + <Entf>

⇒ LED 1 flashing slow, LED 2 flashing fast

Preparing of all stored Macros for deleting.

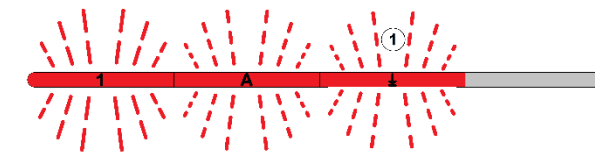
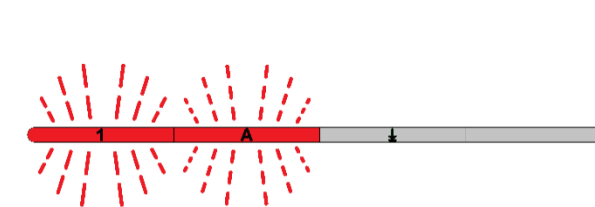


**Confirmation**

<Fn> + <Y>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x

All stored Macros will be deleted.



**Cancel/Exit**

<Fn> + <End>

Return to Macro-Editor Menu.



**Cancel or Exit after Configuration**

<Fn> + <End>

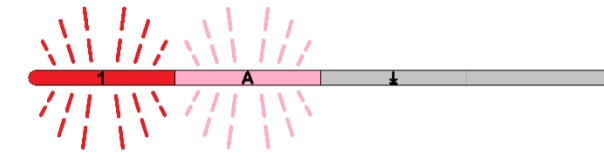
Return to Main Menu.



## 5. LED Settings

<Fn> + <L>

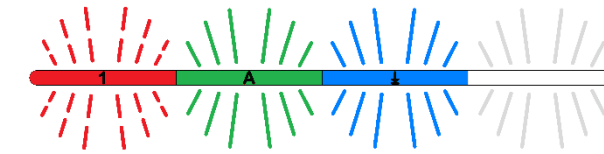
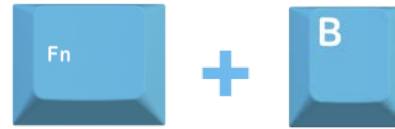
⇒ LED 1 flashing slow, LED 2 flashing slow



### 5.1. LED Brightness (10 Steps)

<Fn> + <B>

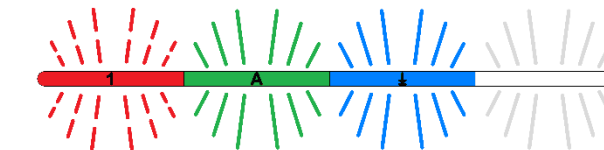
⇒ LED 1 flashing slow, LED 2, LED 3 and LED 4 light LED's light with defined brightness.



#### LED Brightness +/-

<Fn> + <Cursor Up>/<Cursor Down>

⇒ LED 1 flashing slow, LED 2, LED 3 and LED 4 light Increase or decrease brightness by cursor keys.



#### Cancel or Exit after Configuration

<Fn> + <End>

Return to LED Settings menu.



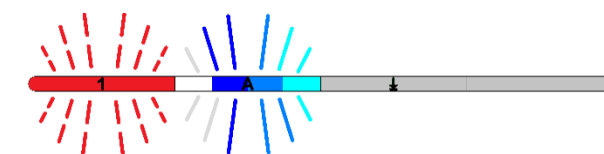
### 5.2. Color of Status LEDs WSx

<Fn> + <F1 - F5>

⇒ LED 1 flashing slow, LED 2 lights depending of selected WS/Channel

F1...F4 selects Status LED colour of choosen channel ,

F5 sets Status LEDs colour of all 4 channels at once!

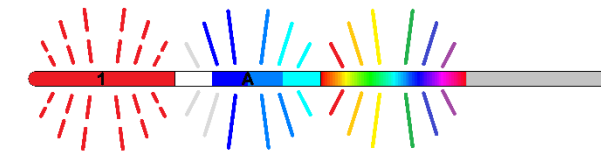




### Colour Status LEDs +/-

<Fn> + <Cursor Up>/<Cursor Down>

⇒ LED 1 flashing slow, LED 2 lights depending of selected WS, LED 3 lights with selected colour  
Colour can be selected by Cursor keys.



### Cancel or Exit after Configuration

<Fn> + <Ende>

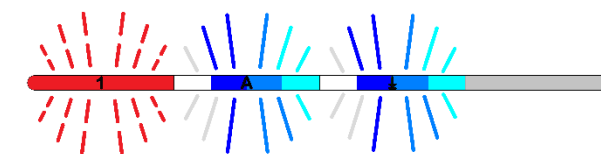
Return to LED Settings menu.



### 5.3. Colour Status LEDs as selected WSx

<Fn> + <W>

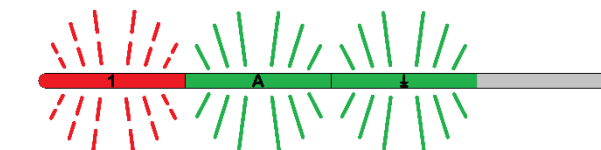
⇒ LED 1 flashing slow, LED 2 lights depending of selected WS  
Colour of StatusLED's will be overtaken for all WSx.



### 5.4. Farbe Status LEDs default

<Fn> + <D>

⇒ LED 1 flashing slow, LED 2 leuchtet, LED 3 leuchtet  
Colour of StatusLED's will be set to default colour „green“ for all WSx.



### Cancel or Exit after Configuration

<Fn> + <Ende>

Return to Main Menu.

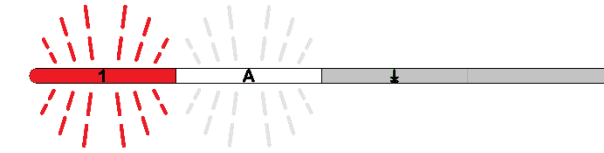




### 6. Scan Cycle Settings

<Fn> + <C>

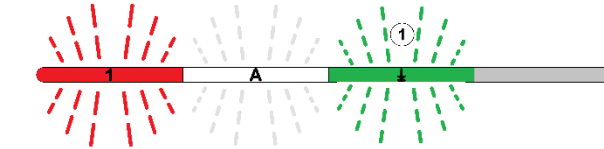
⇒ LED 1 flashing slow, LED 2 flashing slow



#### 6.1. Scan Cycle default

<Fn> + <1> oder <Pos1>

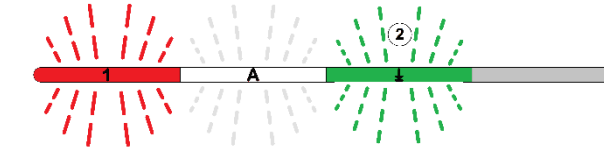
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
For normal use.



#### 6.2. Scan Cyclus medium

<Fn> + <2>

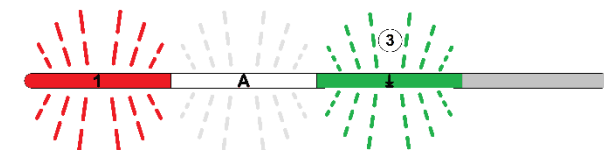
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 2x



#### 6.3. Scan Cyclus fast

<Fn> + <3>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 3x  
For gaming with fast key detection.



### Cancel or Exit after Configuration

<Fn> + <Ende>

Return to Main Menu.



## 7. Switching Channels with Mousekeys

<Fn> + <S>

⇒ LED 1 flashing slow, LED 2 flashing slow



### 7.1. Function off

<Fn> + <Entf>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
WS switching by mouse off.



### 7.2. Fn + M-M-K → all paired WS

<Fn> + <D>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 2x  
Pressing "FN" together with middle mouse key (M) switches to the superior WSx.



The initial state WS4 switches to WS1. This happens when the appropriate WSx is already paired.

This function is default state.

### 7.3. M-M-K → all paired WS

<Fn> + <A>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 3x  
Pressing "FN" together with middle mouse key (M), switches to the superior WSx.



The initial state WS4 switches to WS1. This happens when the appropriate WSx is already paired.

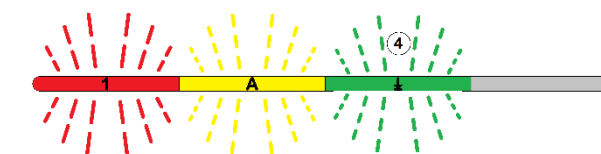
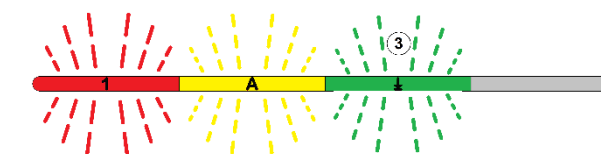
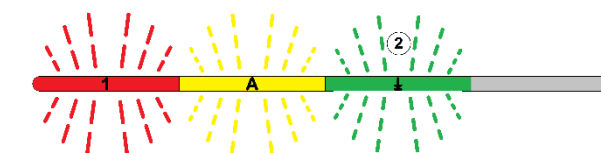
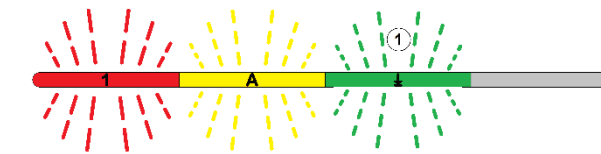
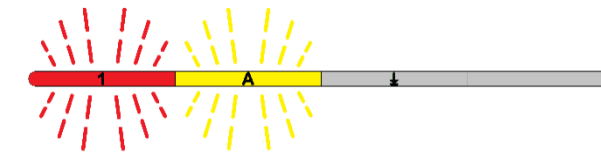
### 7.4. U/D-M-K → all paired WS

<Fn> + <P>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 4x  
Pressing Up/Down- mouse key, switches to the next superior e.g. lower WSx.



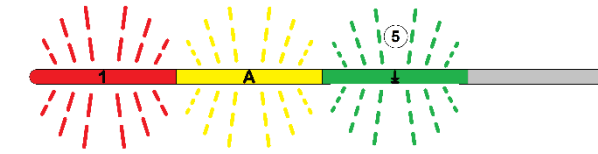
This happens when the appropriate WSx is already paired.



### 7.5. M-M-K → last BT - WS

<Fn> + <L>

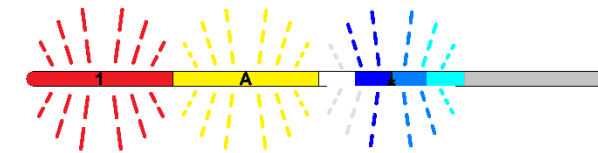
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 5x  
Pressing middle mouse key (M) switches between WS1 (USB) and last paired WSX(BT). This allows fast switching, because BT- connection stays in an active state in the background.



### 7.6. Definition Mousekey for Port x

<Fn> + <F1 – F4>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing fast  
Selection of WSx.

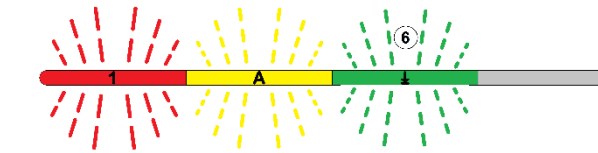


### Input Mousekey

with Fn

<Fn> + <M-Taste LMR 4-7>

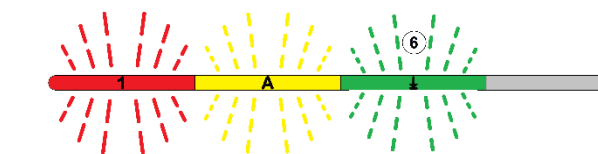
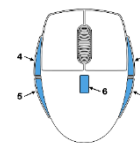
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 6x  
Selection of mousekey for WSx.



without Fn

<M-Taste 4-7>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 6x  
Selection of mousekey for WSx.



### Cancel or Exit after Configuration

<Fn> + <Ende>

Return to menu „Switching Channels with Mousekeys“.



### Cancel or Exit after Configuration

<Fn> + <Ende>

Return to Main Menu.



## 8. Start WS Settings

<Fn> + <P>

⇒ LED 1 flashing slow, LED 2 flashing slow

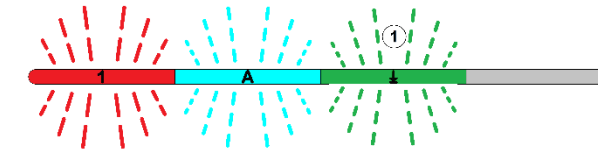


### 8.1. Start-WS USB / PS2 (default)

<Fn> + <F1>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
After PowerUp or Reset WS1 (USB/PS2) is selected.

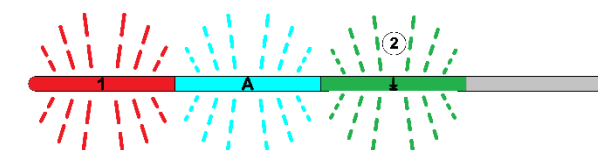
This function is default state..



### 8.2. Start-WS Bluetooth Kanal 1

<Fn> + <F2>

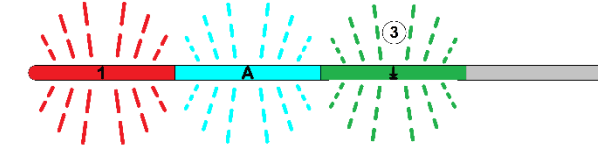
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 2x  
After PowerUp or Reset WS2 (BT- Kanal1) is selected.



### 8.3. Start-WS Bluetooth Kanal 2

<Fn> + <F3>

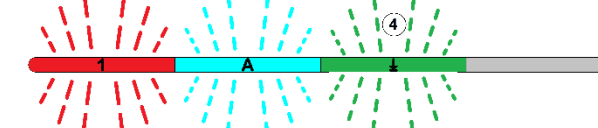
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 3x  
After PowerUp or Reset WS3 (BT- Channel 2) is selected.



### 8.4. Start-WS Bluetooth Kanal 3

<Fn> + <F4>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 4x  
After PowerUp or Reset WS4 (BT- Kanal3) is selected.



## Cancel or Exit after Configuration

<Fn> + <End>

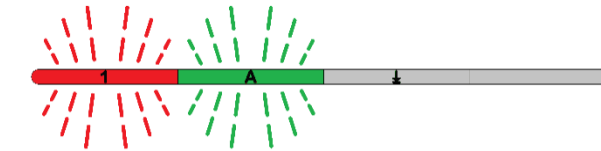
Return to Main Menu.



## 9. Functionkeys WinL / Fn

<Fn> + <W>

⇒ LED 1 flashing slow, LED 2 flashing slow

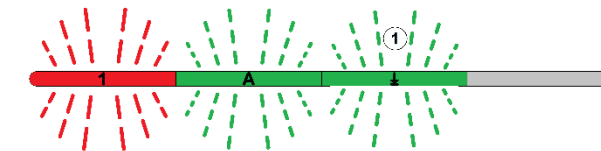


### 9.1. Function normal

<Fn> + <Delete>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x

Functions of WINL and FN keys are at default- positions.

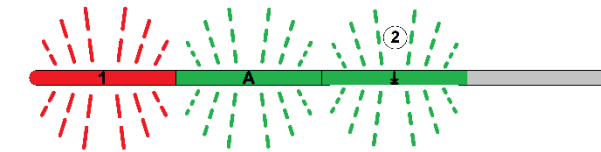


### 9.2. Swap WinL / Fn Keys

<Fn> + <C>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 2x

Functions of WINL and FN keys are on swapped positions.

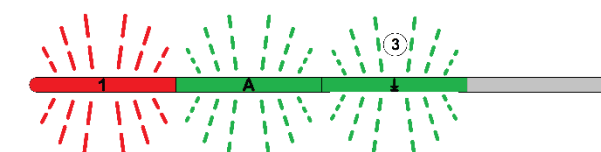


### 9.3. Deactivation WinL Key

<Fn> + <O>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 3x

WINL key is deactivated by unintended use in gaming mode.



## Cancel or Exit after Configuration

<Fn> + <Ende>

Return to Main Menu.



## 10. System Dump Textoutput

<Fn> + <D>

⇒ LED 1 flashing slow, LED 2 flashing slow



### 10.1. Dump Version Info

<Fn> + <V>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 1x  
Output of "Part-Nr", "Ser-Nr", "HW-Rev",  
"FW-Rev" and "My BT-ID".



### 10.2. Dump Configuration

<Fn> + <C>

⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing 2x  
Output of all keyboard configurations.



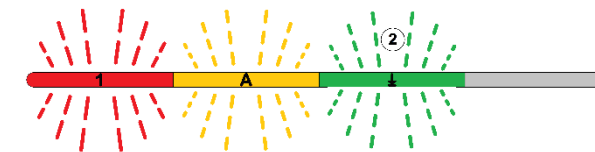
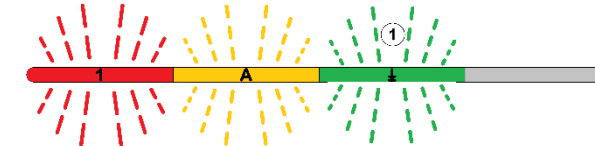
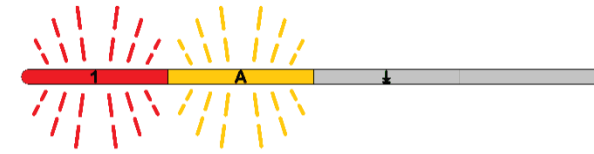
### Cancel or Exit after Configuration

<Fn> + <End>

Return to Main Menu.



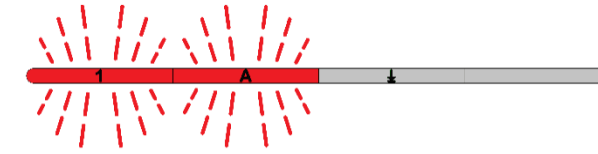
Textprogram (Editor, MS-Word, ...) must be open!



## 11. Setup default (Reset Keyboard to Factory Default Configuration)

<Fn> + <R>

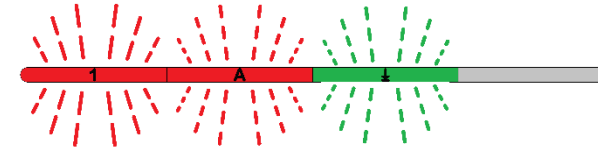
⇒ LED 1 flashing slow, LED 2 flashing slow



### 11.1. Confirmation Level 1

<Fn> + <Pos1>

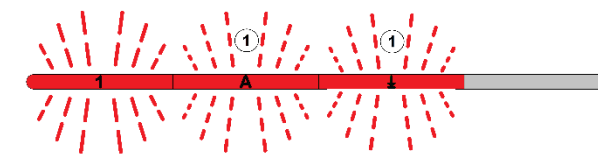
⇒ LED 1 flashing slow, LED 2 flashing fast, LED 3 flashing fast



### Cancel/Exit

<Fn> + <End>

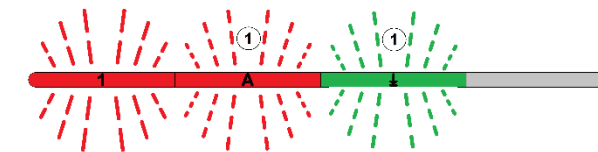
⇒ LED 1 flashing slow, LED 2 flashing 1x, LED 3 flashing 1x  
Return to Main Menu.



### Confirmation Level 2

<Fn> + <Y>

⇒ LED 1 flashing slow, LED 2 flashing 1x, LED 3 flashing 1x  
Reset Keyboard to Default Configuration.



All defined Macros remain saved.