BLACK-TEK

Geared Head Simulator

Take all components out of the box

Place the Controller on your desk next to your computer

Place the clamps on the edge of
your desk
about 10-15 cm apart from each
other

Connect the two Lemo-plugs of the
wheels to the backside sockets of
your Controller

The regular layout is
- Pan-Wheel on the left hand side
- Tilt-Wheel on the right hand side

Connect the GHS controller and
your computer
with the supplied USB cable

Test the setup

Your should now see the MouseCursor moving around the Desktop
while moving the wheels.

If the Cursor is not moving, check the DIP-Switch Settings on the back of
your Controller

You can adjust speeds and directions of both wheels with the knobs and
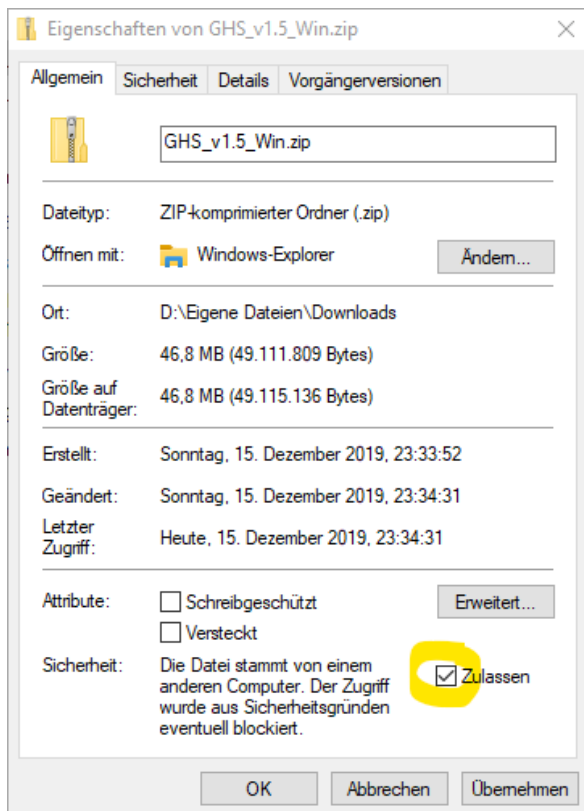switches on the front of your controller.

Software Installation

On the USB-Memorystick choose your folder
matching to your Operation System

Window or MacOS

or check our Downloadpage for the latest version:

www.Black-Tek.com/ghs/software.php

To run the Windows version of the programm, copy the files to your computer. Right-Click on the EXE-File and go to "Properties" and check the "Allow" / "Zulassen" Checkbox:

You might need the same procedure for the ZIP-File, after you have downloaded software from our website.

In MacOS, when you start the software for the first time, you need to hold the ⌃Ctrl Key while starting the app

See https://support.apple.com/de-de/HT202491 for details

Software control

You can use some shortcuts to control different settings

To have a better overview on all available ShortCuts,

just press �H to see the help screen

⎋ **Exits the current Scene**

1,2,3,4,5,6,7,8,9,0 **Recalls a saved Position**

Shift+1,2,3,4,5,6,7,8,9,0 **Saves a Position to the specified number**

W **Moves the Cameraposition forward**
S **Moves the Cameraposition backwards**
A **Moves the Cameraposition left**
D **Moves the Cameraposition right**

R **Moves the Cameraposition up**
F **Moves the Cameraposition down**

T **Zooms in**
G **Zooms out**

Enter **shows the Settings-Page**

☐ **(Space) Starts and Stops recording**

Settings

DIP-Switches

Switch 1 - ControllerMode

ON = MouseMode
OFF = Joystick Mode
You must restart the Controller to change Mode !

In MouseMode the Controller moves your MousePointer
You can use any Software that uses the Mouse as a control device

In JoystickMode the Controller behaves like a USB-Joystick.
You can use any Software that uses a Joystick as input device

Switch 2-4 are not assigned yet