

# USB HUB

## User's Guide

ENGLISH - USB HUB

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## WARRANTY

The receipt serves as proof of first purchase and should be kept in a safe place. It is required should you need to make use of the guarantee.

If the product is passed onto another user, then he shall be entitled to guarantee services for the remaining period of the guarantee. The receipt of purchase as well as this declaration should be passed onto the new user.

We guarantee that this equipment is in perfect working order. Upon production of the receipt, the remaining period of guarantee shall pass on from the original parts to the respective replacement parts. If you hand in this equipment to make use of the guarantee, you must remove all programs, data and removable storage media. Products which are sent without accessories will be replaced without accessories. The warranty obligation does not apply in the case of the problem being caused by an accident, a catastrophe, vandalism, misuse, incorrect use, ignoring the safety and maintenance regulations, changes by software, viruses or another piece of equipment or accessories or by other modifications not approved by ourselves. This limited guarantee declaration replaces all other guarantees of express or implied nature. This includes the guarantee of saleability or the suitability for a certain purpose but is not limited to this. In some countries the exclusion of implied guarantees is not permissible upon principle. In this case the validity of all express and implied guarantees is limited to the guarantee period. Once this period has expired, all guarantees become invalid. In some countries limiting the period of validity for implied guarantees is not permitted, so that the above limitation does not come into force. If you have any questions with regard to these guarantee conditions, please contact us.

## **LIABILITY LIMITATIONS**

The contents of this manual are subject to unannounced changes caused by technical progress. Manufacturer and sales shall not be responsible for any damages which have been caused as a result of omissions or errors in the information provided in this manual.

Under no circumstances shall we be liable for any of the following:

1. Claims made against you by third parties based on loss or damage.
2. Loss or damage to your blanks, recordings or data.
3. Economic follow-on damage (including lost profit or savings) or associated damage even in the case that we have been informed of the possibilities of this type of damage.

In some countries the exclusion or limitation of accompanying or follow-on damage is not legally accepted so that the above limitations do not come into force.

## **COPYING THIS MANUAL**

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## SAFETY NOTES

This manual contains important information about how to safely and properly set up, use, and care for your USB Hub. Read this manual carefully and follow all of the instructions given. Keep these instructions with your USB Hub at all times. Keep the instructions and the packaging so that if you sell or give away your USB Hub you can give them to the new owner. The proper set up, use and care can help extend the life of your USB Hub.

## DATA SECURITY



Every time you update your data make backup copies on an external storage medium. The supplier does not assume liability for data loss or damage to data storage units, and no claims can be accepted for damages resulting from the loss of data or for consequential damages.

## OPERATING SAFETY

- ❖ Please also follow the **Safety Notes** of your computer's user guide.
- ❖ Keep your USB Hub and all connected equipment away from moisture at all times. Avoid exposing your USB Hub to dust, heat, and direct sunlight. Place and operate all components on a stable, level, and vibration-free surface to prevent the USB Hub from falling. Provide for a suitable ambient temperature.
- ❖ **Never open the housing** of the USB Hub/power supply! When the housing is open there is a **danger of injury** from electric shock!
- ❖ **DO NOT allow children to play unattended with electrical equipment.**
- ❖ After transporting your USB Hub please wait until it has assumed the ambient temperature before connecting and switching it on. Extremely high variations in the **temperature or humidity** may result in condensation forming on the inside of the USB Hub which could cause an **electrical short-circuit**.
- ❖ Use only the USB cable **supplied**.
- ❖ Please contact our service center if you have problems with your USB Hub. Have repairs performed only by authorized service dealers.

### **FCC COMPLIANCE STATEMENT**

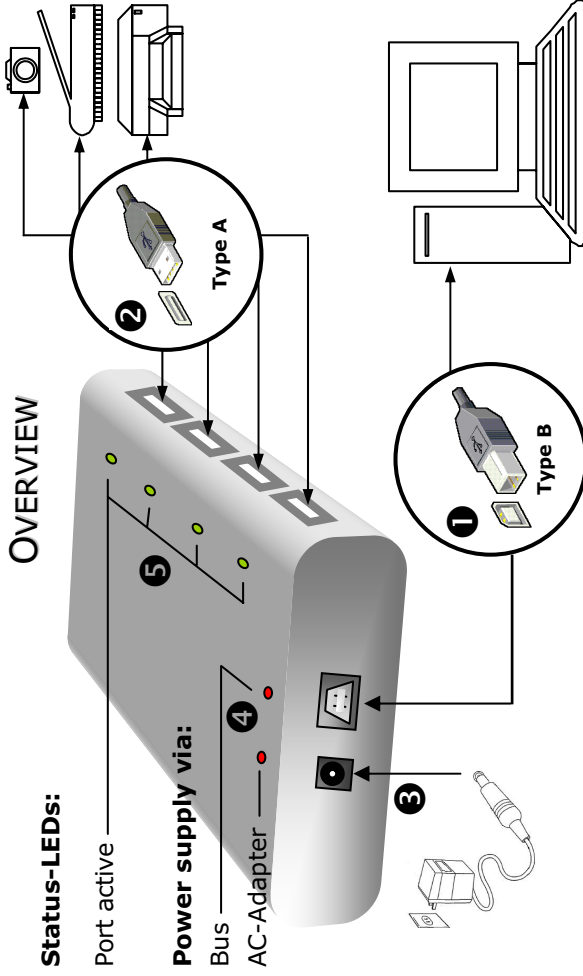
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

## CLEANING

- ⚠ **Caution!** There are **no parts which can be serviced** or cleaned inside of the USB Hub/power supply housing.
- ⚠ Keep the USB Hub clean. Do **not use any solvents**, caustic or gaseous cleaning agents. Clean the device with a soft, dry, lint-free cloth.





## START-UP

Installation can be accomplished while your computer is running (Hot-Plugging).

1. Connect the Type B Plug from the USB cable supplied with socket **❶** of your USB Hub (see Overview on the previous page).
2. Connect the loose end of the cable (Type A Plug) with your computer. The LED (**❺**) is lit when the USB Ports (**❷**) are ready. When the USB Hub is powered by the power supply (AC-Adapter) the LED (**❹**) is lit.
3. Now you can connect your peripherals (with a Type A plug) to the available USB-Ports (**❷**).

⚠ If the connected device requires more than 100 mA, the external power supply via the AC-Adapter is necessary. Connect your power supply to a grounded AC-outlet nearby and plug it into socket **❸**. When you connect your USB device to a new port, it will be assigned a new ID. This tells the operating system to install a new driver, even when it was installed before on a different port. To avoid this, we recommend using the same port as used for the first installation of the device.

## CUSTOMER SERVICE

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### TROUBLESHOOTING

#### USB devices are not recognized

- Start with a careful visual check of all cable links.
- Your device might need more power than available through the bus.
- Connect the power supply and reinstall the device according to user manual that came along with the peripheral.

#### USB devices are recognized as new and need driver installation

- When you connect your USB device to a new port, it will be assigned a new ID. This tells the operating system to install a new driver, even when it was installed before on a different port.
- Try to use the same port as used for the installation or re-install the driver for the port you intend to use.

## **ADDITIONAL SUPPORT**

If the suggestions in the above section have not solved your problem, please contact our customer service hotline. However, before you contact your Technology Center, please have the following information available:

- How is your computer configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- Have you upgraded or removed drivers or hardware?
- Can you manually repeat the problem?

If you have been given a customer number previously, please give this number to the technician.

## SPECIFICATIONS

Functionality	Computer with USB 1.0, USB 1.1	
Connectors	4 x USB type A (downstream, to peripherals) 1 x USB type B (upstream, to computer / Host) 1 x Power supply (AC-Adapter)	
Power supply	Via Bus = max. 100 mA / Port Via Power supply DC 6V (2,1A) = max. 500 mA / Port	
Status LEDs	4 x LED (Port activity), 2 x LED (power supply)	
Environmental conditions	Temperature: 0° C to 70° C (32° F to 158° F) Humidity: 0-95% (without condensation)	