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hama 00053308 Fast Ethernet Network Switch Instruction Manual

Contents

hama

hama 00053308 Fast Ethernet Network Switch

Preface:
Thank you for choosing a Hama product. Take your time and read the following instructions and information completely. Keep these operating instructions in a safe place for future reference.

Explanation of Warning Symbols and Notes

Warning
This symbol is used to indicate safety instructions or to draw your attention to specific hazards and risks.

Note
This symbol is used to indicate additional information or important notes.This symbol is used to indicate additional information or important notes.

Extent of Delivery

- Fast Ethernet network switch with 5 connections
- Power supply unit
- These operating instructions

Safety Instructions

- This product is intended for private, non-commercial use only.
- Only use the product for the intended purpose.
- Protect the product from dirt, moisture and overheating.
- Only use it in dry locations.
- Do not use the product in the immediate vicinity of heaters or other heat sources or in direct sunlight.
- Lay all cables so that they do not pose a tripping hazard.
- Do not bend or crush the power supply unit's cable.
- Do not drop the product and do not expose it to any major shocks.
- Children should be supervised to ensure that they do not play with the product.

- Dispose of packaging material immediately according to locally applicable regulations.

- Do not modify the device in any way. Doing so voids the warranty.

- The product is intended for indoor use only.

- Use the item only in moderate climatic conditions.

- Keep this product, as all electrical products, out of the reach of children!

- Do not operate the product outside the power limits given in the specifications.

- Do not use the product in areas where the use of electronic devices is not permitted.

- Do not use the product in moist environments and avoid splashes.

- Keep the packaging material out of the reach of children due to the risk of suffocation.

- Always pull directly on the plug when disconnecting the cable, never on the cable itself.

Risk of electric shock

- Do not use the product if the power supply unit, the connection cable or the switch itself is damaged.

- Do not attempt to service or repair the product yourself. Leave any and all service work to qualified experts.

- Do not open the device or continue to operate it if it becomes damaged.

LED Verhalten

LED	Colour	Description	
Power sup ply	Red	On	The network switch is ready for operation.
	–	Off	If the status LED is not lit, check the power supply. Make sure that the product is correctly connected to the mains socket.
LINK/Act	Green	On	If the status LED is constantly lit, the network switch is conne cted at 10/100 Mbps.
		Flashes	The status LED flashes during active data transfer.
		Off	If the status LED is not lit, no connection could be established or the power supply was interrupted.

System Requirements

- Computer or laptop with an available network port
- Multimedia terminal devices with available network ports
- Internet router with an available network port for Internet access
- Supports all commonly used operating systems such as Windows, Mac OS X, Linux, etc. with integrated network support.

Product Features

- **Full duplex data transfers**

  The Hama switch is a very fast network distributor for home use. The switch complies with the IEEE 802.3/802.3u/802.3x/802.3az 10/100 Mbps Ethernet standard and enables data transfers in full duplex mode. This makes the transfer rates almost twice as fast if the connected devices are also full duplex capable. This allows you to make the most of your Ethernet network's performance. The maximum speed in full duplex mode is 200 Mbps.

- **Supports wirespeed and flow regulation**

  The Hama switch has an integrated non-blocking and store-and-forward architecture which enables it to provide maximum speed for your network. The switch ensures reliable data transfers thanks to the integrated flow regulation for full duplex and half duplex mode.

- **Supports auto-MDI/MDIX and auto-sensing**

  The Hama switch supports PNP (plug and play) and features the auto-MDI/MDIX function. You can connect the Hama switch to computers or other network-capable terminal devices without complex configurations; it doesnâ€™t even matter which network cable you use. You can either use a Cat5e patch cable (1-to-1) or a crossover network cable. The switch will automatically choose the right setting for the type of cable used without you having to configure it.
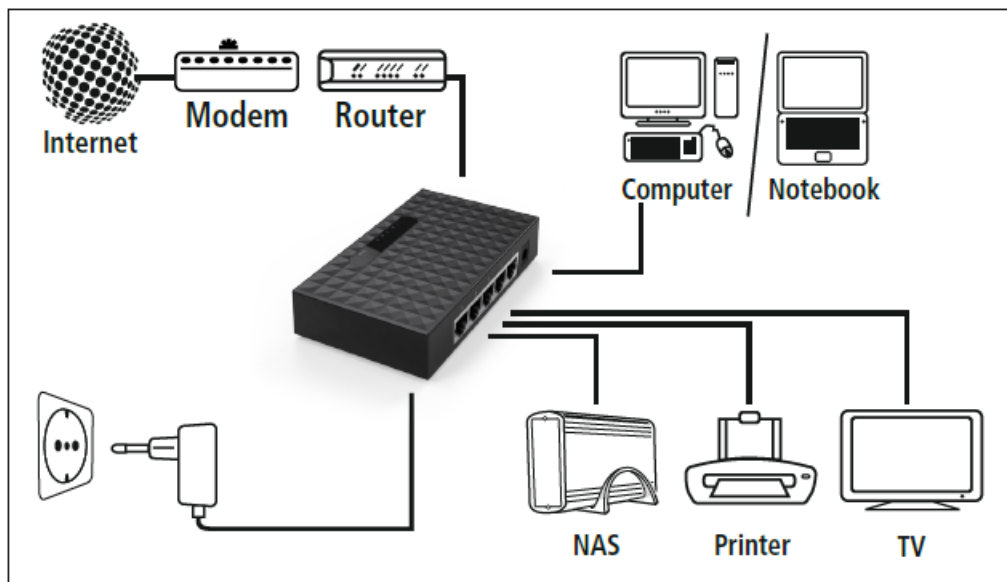
- **Power-saving mode**

  The Hama switch features advanced energy-saving technology. This technology helps reduce the device's power consumption if no data is being transferred or if a connection is not being used.

Installation

Warning

- Only operate the product from an approved socket that is connected to the public power supply. The socket must be installed close to the product and must be easily accessible.
- Disconnect the product from the power supply using the On/Off switch – if this is not available, unplug the power cord from the socket.
- If using a multi-socket power strip, make sure
  that the total power consumption of all connected devices does not exceed the power strip's maximum throughput rating.
- If you will not be using the product for a prolonged period, disconnect it from mains power.

Using the example of a typical configuration

- Connect the switch to your DSL router/modem.
- Connect your computers/notebooks to the switch.
- Connect the power cable of the switch to a properly installed and easily accessible mains socket.

Note
Of course, you can also connect other network-capable terminal devices such as printers, IP cameras or external network hard drives.

Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEE802.3az
Protocol	CSMA/CD
Connections	5 or 8 10/100 Mbps, autonegotiation, auto-MDI/MDIX
Special features	Half and full duplex MAC address learning Auto-sensing
Memory buffer	448 kilobytes
Data rate (max.)	10/100 Mbps at half duplex 20/200 Mbps at full duplex
Transfer method	Store and forward
Permitted humidity	90% (non-condensing)
Operating temperature	0 to 40 degrees Celsius
Dimensions	12,4 x 7,2 x 2,4 cm

Specifications in accordance with Regulation (EU) 2019/1782

Specifications in accordance with Regulation (EU) 2019/1782	
Manufacturer's name or trade mark, commercial registration number and address	Hama, HRA12159, Dresdner Str. 9, 86653 Monheim
Model identifier	DYS605-050120W-3
Input voltage	100 – 240 V
Input AC frequency	50 / 60 Hz
Output voltage / Output current / Output power	5.0 V DC / 1.2 A / 6.0 W
Average active efficiency	77.0 %

Efficiency at low load (10 %)	71.2 %
No-load power consumption	0.06 W

Care and Maintenance

Note
Disconnect the device from the power supply before cleaning it or if it is not going to be used for a long period of time.

- Only clean this product with a slightly damp, lint-free cloth and do not use aggressive cleaning agents.
- Make sure that water does not get into the product.

Warranty Disclaimer

Hama GmbH & Co KG assumes no liability and provides no warranty for damage resulting from improper installation/mounting, improper use of the product or from failure to observe the operating instructions and/or safety notes.
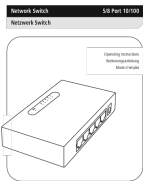
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Documents / Resources

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00053308, Fast Ethernet Network Switch, Network Switch, Fast Ethernet Switch, switch

References

- *h* **hama.com**