

Assembly instruction



Anycubic® Mega X Hotend Replacement Cable



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INTRODUCTION

This documentation is for replacing the ribbon cables with a harness that can withstand higher current and heat loads.

These products have been designed and manufactured according to all applicable regulations. On parts that come from other suppliers / manufacturers I have received the current ROHS and other specifications and can prove this status 2021. However, I must rely on the accuracy of the certificates and manufacturing processes as they are not under my control.

SCOPE

This cable is designed and manufactured for the 3D printer **Anycubic® Mega X**

SAFETY AND WARNINGS

!!!! IMPORTANT!!!!

Damage caused by non-observance of the installation instructions invalidates the warranty. We reject any liability for consequential damage resulting from this.

Note (cable)

These items were warned ex works to be in perfect condition with regard to safety. To maintain this condition and to ensure safe operation, the user must observe the safety instructions and warning notes contained in these instructions!

Warnings:

- The module may only be operated at the voltage specified for it.
- For devices with an operating voltage ≥ 35 volts, the final assembly may only be carried out by a specialist in compliance with the VDE regulations.
- The operating position of the device is arbitrary.
- The permissible ambient temperature (room temperature) must not fall below or exceed 10°C and 70°C during operation.
- The device is intended for use in dry and clean rooms.
- If condensation forms, wait for an acclimatization period of up to 2 hours.
- Operation of the device outdoors or in damp rooms is not permitted!
- The device must be kept away from flower vases, bathtubs, washstands and all liquids.
- Protect this board from moisture, splash water and heat!
- The device must not be used in connection with easily flammable and combustible liquids!
- Assemblies and components do not belong in children's hands!
- The assemblies may only be put into operation under the supervision of a competent adult or a specialist!
- In commercial facilities, the accident prevention regulations of the German Federation of Institutions for Statutory Accident Insurance and Prevention (Verband der gewerblichen Berufsgenossenschaften) for electrical systems and equipment must be observed.
- In schools, training facilities, hobby and do-it-yourself workshops, the operation of assemblies must be responsibly supervised by trained personnel.
- Do not operate the module in an environment where flammable gases, vapors or dusts are present or may be present.
- If the device ever needs to be repaired, only original spare parts may be used! The use of deviating spare parts can lead to serious damage to property and personal injury!
- A repair of the device may only be carried out by a specialist!
- The device must always be disconnected from the supply voltage after use!
- If any liquid penetrates into the device, it could be damaged. If you have spilled any liquids in, or over the assembly, the device must be checked by a qualified specialist.

Intended use

The intended use of the device is exclusively the **Anycubic® Mega X** 3D printers.
Any other use than specified is not permitted!

Safety instructions

When handling products that come into contact with electrical voltage, the applicable VDE regulations must be observed, in particular VDE 0100, VDE 0550/0551, VDE 0700, VDE 0711 and VDE 0860. Always disconnect the power plug before opening a device or ensure that the device is de-energized.

- Things like tools may only be used on devices, components or assemblies if it is ensured that the devices are disconnected from the supply voltage and that electrical charges stored in the components located in the device have been discharged beforehand.
- Live cables or lines to which the device, component or assembly is connected must always be inspected for insulation faults or breaks. If a fault is found in the supply line, the device must be taken out of operation immediately until the defective line has been replaced.
- When components or assemblies are used, attention must always be drawn to strict compliance with the characteristic data for electrical variables specified in the associated description.
- If it is not clear for the non-commercial end user from an existing description which electrical characteristic values apply to a component or an assembly, how external wiring is to be carried out or which external components or additional devices may be connected and which connection values these external components may have, an expert must always be consulted for information.

- Before commissioning a device, it must generally be checked whether this device or the assembly is fundamentally suitable for the application for which it is to be used! In case of doubt, it is absolutely necessary to consult specialists, experts or the manufacturers of the assemblies used!
- Please note that operating and connection errors are beyond our control. Understandably, we cannot accept any liability for damage resulting from them.
- In case of malfunction, this kit should be returned with an exact description of the error (indicating what is not working... because only an exact description of the error allows a proper repair!) and the corresponding assembly instructions as well as without the case. Time-consuming assemblies or disassemblies of housings have to be charged additionally for understandable reasons. Already assembled kits are excluded from exchange. When installing and handling mains voltage, it is essential to observe the VDE regulations.
- Devices that are operated at a voltage ≥ 35 V may only be connected by a specialist.
- Always check whether the kit is suitable or can be used for the respective application and place of use.
- In principle, commissioning may only take place if the circuit is installed in a housing absolutely safe to touch.
- If measurements are unavoidable when the housing is open, an isolating transformer must be connected in between for safety reasons, or, as already mentioned, the voltage must be supplied via a suitable power supply unit (which complies with the safety regulations).
- All wiring work may only be carried out in a de-energized state.

Before opening the housing

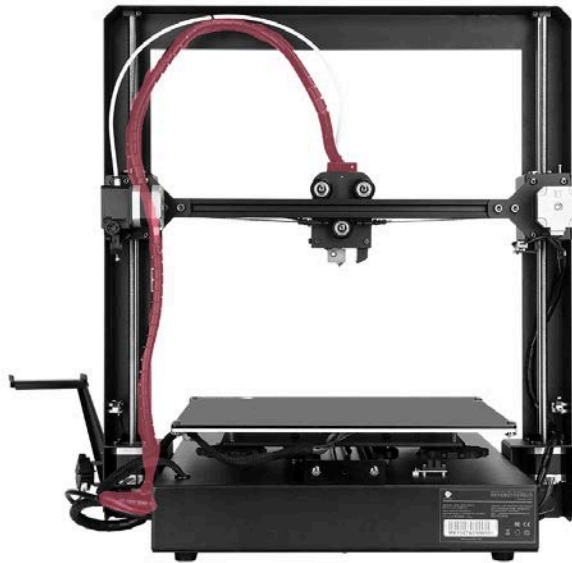


BREACH OF WARRANTY

Attention the warranty will be lost if the case is opened!

SCOPE OF DELIVERY

1x replacement cable Hotend Anycubic Mega X (length 1120mm).



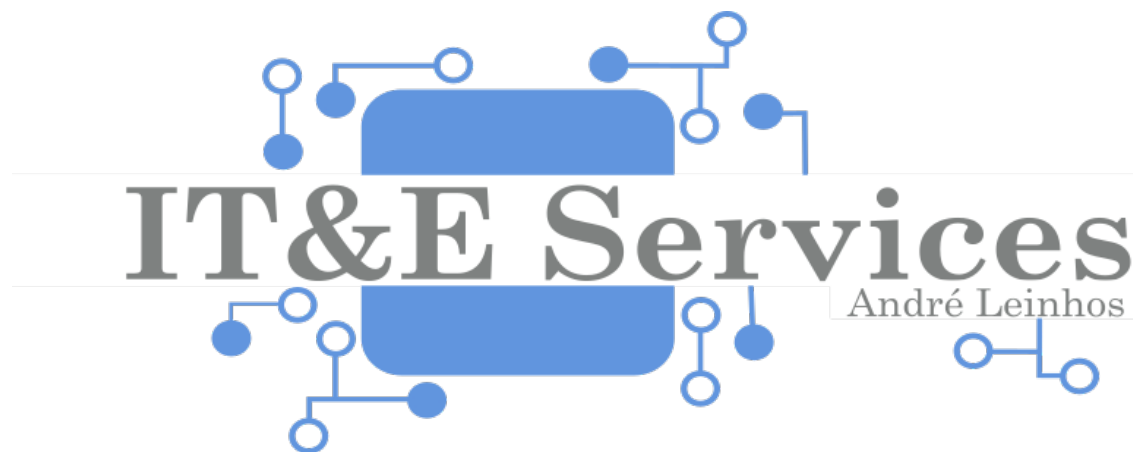
MOUNTING CABLE

1. Switch off the printer!
2. Remove the power plug!
3. Disconnect the cable with the red plug from the printer and the hotend.
4. Reconnect the plug on one side to the printer.
5. On the other side, plug the connector into the hotend.
6. Plug in the power connector.
7. Switch on the printer.

If you like the product or have any suggestions for improvement, just contact me.

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Of course I am also open for positive feedback ;-)



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