

AXIS TU1001-V Microphone

Repainting Instructions

AXIS TU1001-V Microphone

Impact on warranty

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This product is approved for repaint by Axis, provided that you follow the instructions in this document and at axis.com/warranty-implication-when-repainting.

Risks with repainting

There are several risks when disassembling or assembling an Axis product. There is always a certain yield loss during assembly. Training of operators and the use of correct tools mediates some of the problems but they can never be fully avoided. Some of the risks include:

ESD Damage – Always handle the product in an ESD safe environment. Even if precautions are taken there is always a risk of ESD damage. The damage can remain undetected and cause problems during the lifetime of the equipment.

Dust contamination – Opening a camera may expose the lens and sensor to dust or paint. Dust will affect the optical performance. Lenses need to be disassembled in a dust-free environment, preferably a cleanroom.

Paint overspray – Masking the different components of the equipment is critical. Failure to mask sensitive areas can cause problems with assembling the equipment. Any areas that are not painted at factory or have a different surface treatment than the rest of the parts (threads, ground and electrical contact surfaces) must also be masked to ensure function.

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Repaint the product

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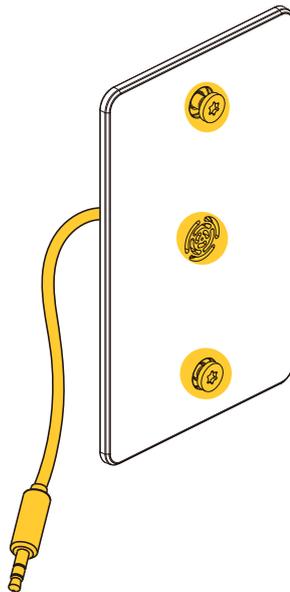
Preparations

- Mask crucial parts of the product to prevent paint from entering inside.
- Clean the areas to be repainted from grease, dust and oil, and pretreat the different parts using applicable methods based on the part materials and the type of paint applied at the factory

Important

Disassembling the product for repainting purposes means that its ingress protection (IP) rating cannot be guaranteed. Disassembly will result in lapse of warranty.

Masking



Mask the following parts:

- Microphone holes
- All visible screws and screw holes
- All openings

Pretreatment of parts

Depending on the part material and type of paint applied at factory, different pretreatment should be done for the new paint to adhere as well as possible. Clean the parts properly to remove oil, grease and dust.

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Repaint the product

For more information on the materials used in the product, see its datasheet at axis.com.

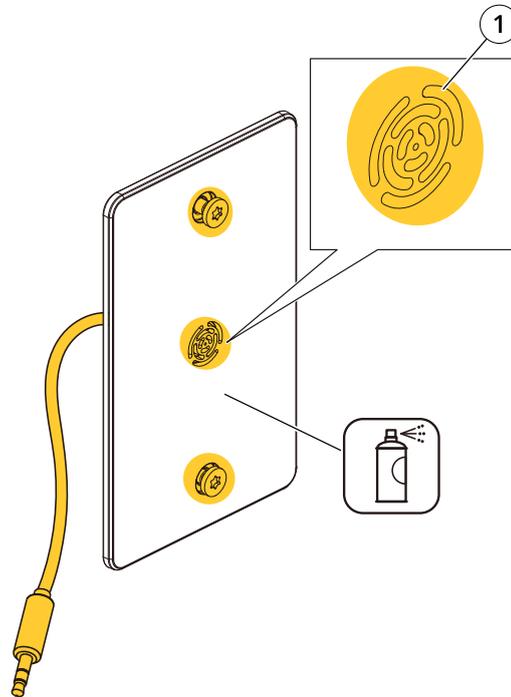
Powder coated parts – Use a primer. Alternatively, remove the original powder coating down to the base material, using fine sandpaper, and clean the parts before painting.

Anodised and chromated parts – Use a primer.

Uncoated stainless steel – No special pretreatment is needed, but make sure that the surface is clean before painting.

Plastic – Use a primer.

Repainting



1 microphone holes

1. Make sure all necessary preparations have been made, see *Preparations on page 3*.
2. Make sure that masking have been done, see *Masking on page 3*.

CAUTION

The microphone holes (1) must be masked before painting to make sure the paint will not clog the holes. If paint clogs, the microphone will not register any sound.

3. Apply a thin and even layer of spray paint according to the instructions of the paint manufacturer.
4. Let the paint dry.
5. To get a better coverage and clearer color, apply a second layer of spray paint.
6. Wait till the paint is dry.

