JBC TM10 ESD Earthing Plug for EU Sockets Instruction Manual

Contents

JBC TM10 ESD Earthing Plug for EU Sockets

Product Information

- **Product Name**: ESD Earthing Plug
- **Model**: TM10
- **Compatible with**: EU Sockets
- **Reference**: TM10

Packing List

- **ESD Earthing Plug**: 1 unit (For EU sockets)
- **Manual:** 1 unit (Ref. 0031820)

Application

The ESD earthing plug is used to equip an EPA (Electrostatic Protected Area) workplace. It helps protect static-sensitive components from electrostatic discharge by dissipating charge from objects placed on their surface. This prevents damage to sensitive components caused by electrostatic discharges.

Features

- Can be used at ESD protection zones
- Discharges static electricity from people or objects
- Prevents damage by electrostatic discharges to electronic devices and components
- **Electrical resistance:** 10^6 ohms at each connector

Product Usage Instructions

Workplace Connection Example
To ensure proper function, follow these steps

1. Plug the ESD grounding plug into an EU socket.
2. Connect the connectors – using an ESD grounding cable – to the ESD table mat of the workplace to be protected.

Note: The following matching accessories are sold separately: ESD table mat, ESD spiral earthing cable, ESD earthing wristband, and ESD earthing cable.

Earthing Plug Connection Example
Connect the ESD earthing plug to other compatible accessories using the provided connectors

- TM50* Earthing Wristband
- TM20* Spiral Earthing Cable
- TMS* or TMB* ESD Table Mat
- TM21* Earthing Cable

Note: *Accessories mentioned are not included and sold separately.

Specifications

- **Socket**: EU
- **Connections**: Screw Connector to Eyelet, Connection with Snap Fastener, Screw Connector to Banana Connector
- **Color**: N/A (not specified)
- **Electrical Resistance**: 10^6 ohms
- **Total Net Weight**: 35g / 0.08lb
- **Package Dimensions/Weight**: 86 x 57 x 158 mm / 64g, 3.39 x 2.24 x 6.22 in / 0.14lb
- **Compliance**: CE standards, ESD Safe

Warranty: JBC's 2-year warranty covers this equipment against manufacturing defects, including the replacement of defective parts and labor. The warranty does not cover product wear or misuse. To validate the warranty, the equipment must be returned, postage paid, to the dealer where it was purchased.
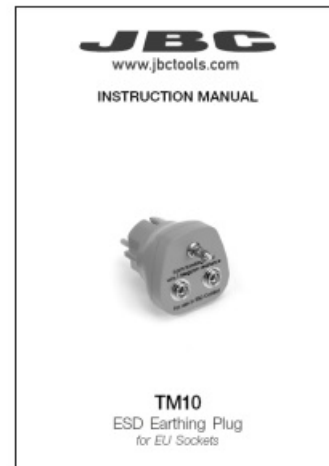
Disposal: This product should not be thrown in the garbage. In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

Reference: 0031820-270923

This manual corresponds to the following reference: TM10

Packing List

The following items are included

- ESD Earthing Plug …………………………….. 1 unit
    - For EU sockets
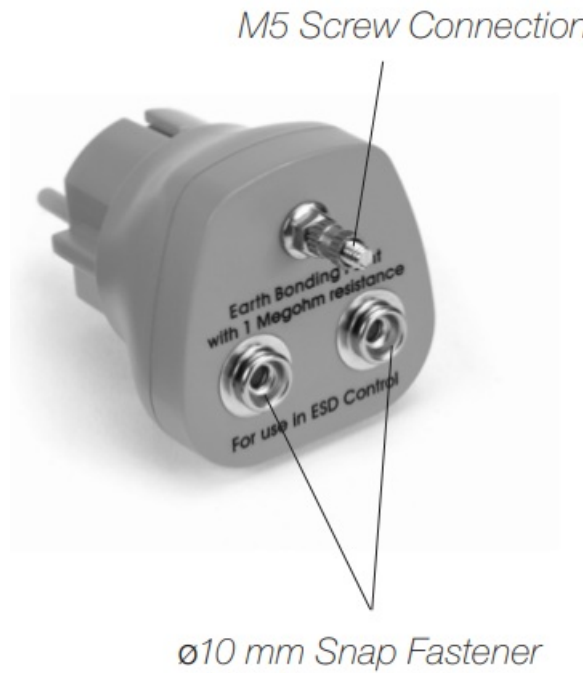- Manual …………………………………………… 1 unit
    - Ref. 0031820

Application
To equip an EPA (Electrostatic Protected Area) workplace, it can be used, among other items, an ESD earthing plug.
These components help to protect static-sensitive components from electrostatic discharge by dissipating charge from objects placed on their surface. This prevents sensitive components from being damaged by electrostatic discharges.
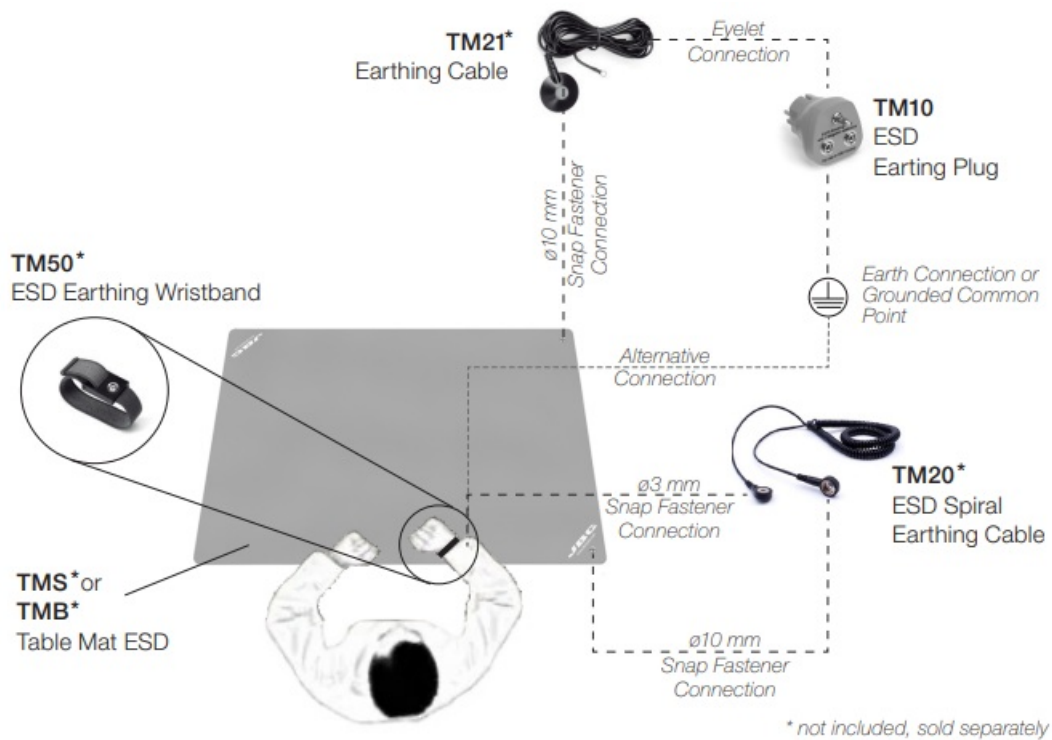
Features

- This ESD earthing plug can be used at ESD protection zones.
- When connected accordingly, it discharges static electricity from people or objects to prevent damage by electrostatic discharges to electronic devices and components.
- The plug comes in yellow color and is equipped with two ø10 mm snap fasteners (female) as well as an M5 screw connection.
- The electrical resistance is 106 Ω at each connector.

M5 Screw Connection

Earth Bonding with 1 Megohm resistance
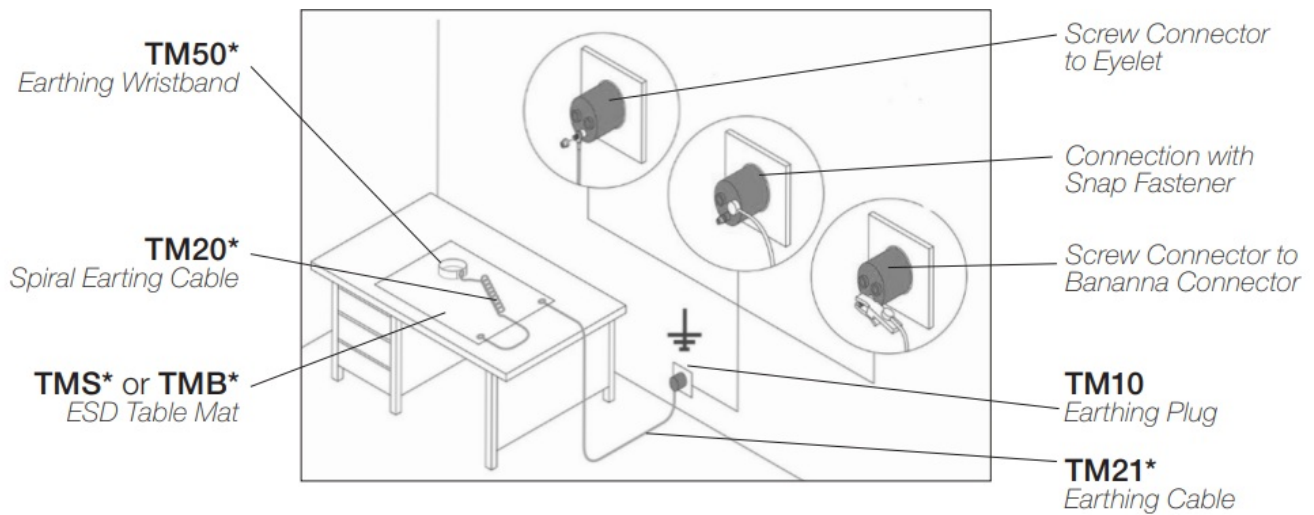
For use in ESD Control

ø10 mm Snap Fastener

Workplace Connection Example

- For proper function, plug the ESD grounding plug into an EU socket and connect the connectors – using an ESD grounding cable – to the ESD table mat of the workplace to be protected.
- **The following matching accessories are sold separately:** an ESD table mat, an ESD spriral earthing cable, an ESD earthing wristband, and an ESD earthing cable.

TM21* Earthing Cable

Eyelet Connection

TM10 ESD Earting Plug

ø10 mm Snap Fastener Connection

TM50* ESD Earthing Wristband

Earth Connection or Grounded Common Point

Alternative Connection

ø3 mm Snap Fastener Connection

TM20* ESD Spiral Earthing Cable

TMS* or TMB* Table Mat ESD

ø10 mm Snap Fastener Connection

* not included, sold separately

Earthing Plug Connection Example

Labels on diagram:
- TM50* — Earthing Wristband
- TM20* — Spiral Earting Cable
- TMS* or TMB* — ESD Table Mat
- Screw Connector to Eyelet
- Connection with Snap Fastener
- Screw Connector to Bananna Connector
- TM10 — Earthing Plug
- TM21* — Earthing Cable

Specifications

TM10
ESD Earthing Plug Ref.: TM10

- **Socket**: For EU socket
- **Connections:** ø10 mm snap fasteners (2x) and M5 screw connector (1x)
- **Color**: Yellow
- **Electrical resistance**: 106 Ω for each connector
- **Total Net Weight**: 35 g / 0.08 lb
- **Package Dimensions/Weight**: 86 x 57 x 158 mm / 64 g (L x W x H) 3.39 x 2.24 x 6.22 in / 0.14 lb

Complies with CE standards.
ESD Safe.

Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.
Warranty does not cover product wear or misuse. In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

This product should not be thrown in the garbage.
In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

CE EAC ⊚

Documents / Resources

	JBC TM10 ESD Earthing Plug for EU Sockets [pdf] Instruction Manual TM10, TM10 ESD Earthing Plug for EU Sockets, ESD Earthing Plug for EU Sockets, Earthing Plug for EU Sockets, Plug for EU Sockets, EU Sockets, Sockets