

MA-Grounding Tank

Installation Details & Technical Guide

Monitor Acoustics 静神

DIMENSIONS | SIZE & WEIGHT

Small – Empty Tank

Approx. W 575 × H 530 × D 260 mm

Approx. 28 kg

Medium – Empty Tank

Approx. W 850 × H 850 × D 350 mm

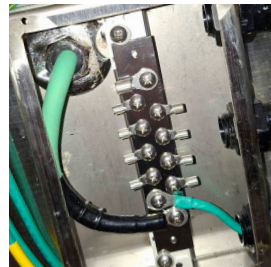
Approx. 60 kg

安裝前準備：施工前，請確認所有材料及配件均已備妥。

標準施工材料：MA-Grounding Tank 種地箱、M-440 / M-460 接地板、HU-102M 接地專用線、PG-11 接地匯流排、導電膏、接地板專用螺絲、彈簧華司、AB 塑鋼土、有機土、天然土、天然水、防護手套



※ **重要：**接地施工涉及電氣安全。種地箱本體施工完成後，與住宅既有接地系統、配電盤或設備保護接地端的最終連接，應確認符合當地電氣規範；必要時請由合格電氣技術人員進行檢查與連接。



STEP 01 / Position the MA-Grounding Tank and Connect the PG-11

Place the **MA-Grounding Tank** in its intended installation position, making sure that sufficient space is available around the unit for installation and future maintenance.

Route the supplied **HU-102M Dedicated Grounding Cable** through the designated cable opening in the grounding tank and connect it to the **PG-11 Grounding Busbar**.

After connecting the cable, make sure that its routing is natural and free from excessive bending, tension, or mechanical stress.



STEP 02 / Prepare the Grounding Plate and Electrical Contact Points

Put on protective gloves and remove the **M-440 / M-460 Grounding Plate**.

Apply an appropriate and even amount of the supplied **conductive compound** to the following contact areas:

1. The O-ring terminal of the dedicated grounding cable
2. The contact surface of the grounding-plate screw hole
3. The threads of the dedicated grounding-plate screw

Make sure that all contact surfaces are clean and capable of forming a reliable metal-to-metal electrical connection.



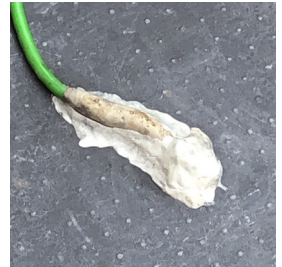
STEP 03 / Secure the Dedicated Grounding Cable

Install the dedicated grounding-plate screw in the following order:

Spring Washer >> Grounding Cable O-Ring Terminal >> Grounding-Plate Threaded Hole

Make sure that the O-ring terminal is fully seated against the contact surface of the grounding plate, then tighten the screw securely.

This is a critical electrical contact point. Make sure that there is no looseness, contamination, or foreign material between the O-ring terminal and the grounding plate to ensure a stable electrical connection.



STEP 04 / Secure and Seal the Electrical Connection

Lay the grounding cable as flat as possible against the surface of the grounding plate.

Remove the **AB Epoxy Putty** and thoroughly mix the two components at a **1:1 ratio**.

During mixing, a small amount of clean water may be applied to the surface of the gloves to reduce adhesion.

Once fully mixed, completely cover the following areas with the AB Epoxy Putty:

Grounding cable connection / Grounding-plate screw / Area surrounding the screw and electrical contact point Press the epoxy firmly into place to provide secure mechanical fixation and protection of the connection.

After completing this step, allow the grounding plate to rest for approximately **24 hours**, allowing the epoxy to fully cure before proceeding with the remaining installation.



STEP 05 / Prepare the Base Grounding Medium

Prepare: **10 kg Organic Soil + 10 kg Natural Soil**

Thoroughly mix the two types of soil and place the mixture evenly into the bottom of the MA-GroundingTank to form the base grounding medium.

The natural soil should be free from excessive stones and sand.

Next, add an appropriate amount of natural water until the entire base medium is thoroughly moistened.

Clean natural water from a **stream, river, or spring** may be used.

If natural water is not readily available, tap water may be used after allowing it to stand or air-expose for approximately **1-3 days** before use.



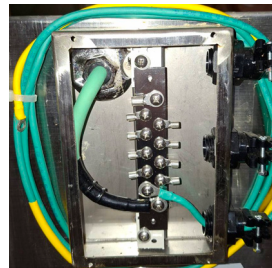
STEP 06 / Position the Grounding Plate and Fill the Grounding Medium

Thoroughly mix the remaining organic and natural soil at a 1:1 ratio.

Place the secured and sealed grounding plate at the center of the MA-Grounding Tank. Evenly fill the tank with the grounding medium to approximately 80% capacity, keeping the plate fully surrounded.

The lower edge of the circular cable-outlet cover is the maximum fill level and must not be exceeded.

Slowly add natural water until the medium is thoroughly moistened. **CAUTION: Do not allow the water level to rise above the lower edge of the cable-outlet cover.**



STEP 07 / Initial Activation, Grounding Connection & Routine Maintenance

Once moisture is properly adjusted, place the top cover on the MA-Grounding Tank and secure all clips.

Allow the unit to rest for several days to stabilize the grounding medium. Monitor moisture and add natural water if necessary.

Once stabilized, connect the audio system's existing grounding circuit to the **P6-11 Grounding Busbar** and verify all connections are secure.

During normal use, periodically check the moisture level and add water when needed. **Frequent turning or replacement of the grounding medium is not necessary.**

Truly exceptional audio systems begin with the foundation you cannot see.

 **Monitor Acoustics** 静神

Bringing Power Back to the Music.

MA-Grounding Tank

- △ Compact version with a **dual-layer, high-strength stainless-steel enclosure** designed to isolate interference
- △ Designed to maintain stable internal performance despite temperature variations
- △ New-generation **M-440 / M-460 Super Grounding Plate** featuring high-gold-content technology
- △ Highly weather-resistant and durable construction with a large-area noise-dissipation surface
- △ **PG-11 Grounding Busbar** for high-current electrical grounding distribution
- △ Helps rapidly discharge ground-potential difference noise between audio components
- △ Proprietary specially formulated **active organic grounding medium**
- △ Helps maintain a clean and stable electrical reference
- △ High-weather-resistance **HU-102M Dedicated Grounding Cable**
- △ Designed for high-speed energy transfer and extended bandwidth
- △ Helps minimize common-mode noise, EMI, and ground-loop interference
- △ Enhances perceived background quietness, dynamic contrast, and low-level detail resolution

Clean Power Begins with Grounding
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