

M2TECH

EVO SUPPLY TWO

VERY LOW NOISE DEDICATED POWER SUPPLY

USER MANUAL



Warning!

Changes or modifications not authorized by the manufacturer can invalidate the compliance to CE regulations and cause the unit to be no more suitable to use. The manufacturer refuses every responsibility regarding damages to people or things due to the use of a unit which has been subject to unauthorized modifications or to misuse or to malfunction of a unit which has been subject to unauthorized modifications.



This unit is compliant with the following CE regulations: CEI EN 55022:2009 Class B (Radiated Emissions), CEI EN 55024:1999, CEI EN 55024:A2/2003, CEI EN 55024:IS1/2008 (Radio Frequency Electromagnetic Fields, 50Hz Magnetic Field Immunity Test and Electrostatic Discharges – ESD).

For a proper operation of this unit, all connections to other equipment in the system must be done when all equipment are off. Failing to comply with this advice may lead to damage to the Evo Supply Two.



The label above, printed on the product case, indicates that the product, when no more usable, can't be treated as generic garbage, but must be disposed of at a collection point for recycling of electrical and electronic equipment, in compliance with the WEEE regulation (Waste of Electrical and Electronic Equipment).

By making sure that this unit is correctly recycled, you will help preventing potential damages to environment and human health, which could be caused by a wrong treatment of this product as generic garbage. Materials' recycling helps saving natural resources. For more in-depth information about recycling this product, please contact M2Tech Srl.

WARNING: the information contained in this manual are considered to be reliable and accurate. M2Tech reserves the right to change or modify the information any time, without prior advice. It's up to the customer to ensure that the manual being consulted is the latest version.

Dear customer,

Thank you for purchasing EVO SUPPLY TWO. You are the owner of a very high quality power supply with many unique features, designed to obtain the best performance in conjunction with other M2TECH EVO products.

EVO SUPPLY TWO implements a specific set of technological and functional solutions, the most notable of which is the low noise regulators made with discrete components.

EVO SUPPLY TWO is provided with a comprehensive set of outputs which allow for powering any M2TECH EVO product.

We're sure that your expectations will be fulfilled by purchasing EVO SUPPLY TWO: your M2TECH EVO products will exhibit an incredible increase of their sonic performance, so you can now prepare for a whole new listening experience!

Nadia Marino, CEO

Please note here your EVO SUPPLY TWO serial number and purchase info for future reference:

S/N: _____ Date of Purchase: _____

Place of Purchase _____

Note: Proof of retail purchase, such as your purchase receipt, will be required in the unlikely event that any warranty service will be required

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1. Unpacking and Placing the Unit

Lay the box on a table and open it by separating it from the external paperwork and removing or cutting the adhesive tape seal. The following items are included:

- one EVO SUPPLY TWO;
- one power cord;
- three output cables with 5.5/2.1mm jacks.

Should one or more item be missing, please contact your retail dealer.

Remove the EVO SUPPLY TWO from the foam enclosure and place it onto a stable base, far from heat sources. Avoid full sunlight on the unit. Allow for ample room around the unit for venting.

The EVO SUPPLY TWO is a power supply capable of delivering up to 18VA when operating. Even if its regulators are high efficiency ones, and even if not always all outputs are used, the unit can produce a relevant heat. Therefore, an adequate air flow is recommended.

Avoid smoke, moisture, dirt and liquids from reaching the unit. Please note that any signs of abuse will void warranty coverage.

Do not place the unit on thick carpets or inside a box or piece of furniture, not even close to curtains.

2. Front Panel

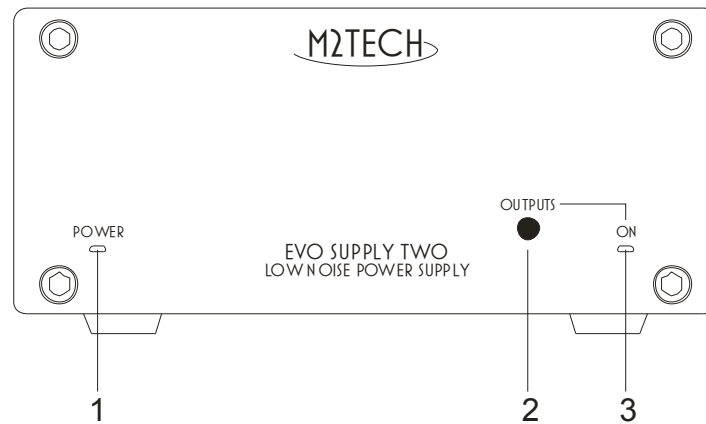


Figure 1

- 1) **Power on LED.** It glows when the EVO SUPPLY TWO is operational, that is when the mains switch on the back panel is in the “1” position.
- 2) **Outputs toggle button.** Use this button to enable/disable the outputs..
- 3) **Outputs activation LED.** It glows when the outputs are enabled.

3. Rear Panel

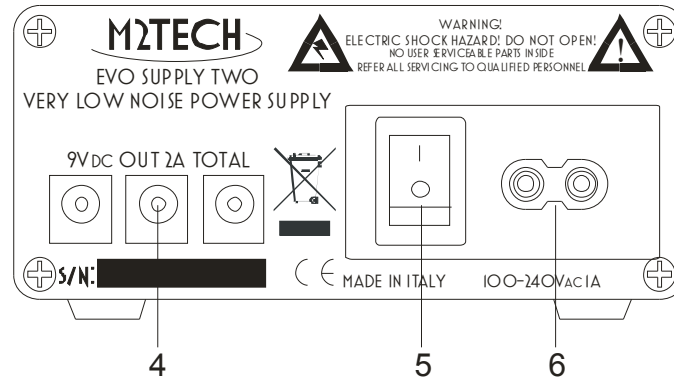


Figure 2

4) Voltage outputs. Connect M2TECH EVO products to these outputs using the cables provided with the unit. 5.5/2.1mm jack connectors.

5) Mains switch. Operate this switch to power the EVO SUPPLY TWO. The power on LED (Fig. 1, Page 9) will glow and the EVO SUPPLY TWO will be in standby, ready to activation by a pressure of the output activation button (Fig. 1, Page 9).

6) Power cord socket. Connect the power cord provided with the unit to this socket.

4. Connecting and Powering the Unit

WARNING: All connections between the EVO SUPPLY TWO and other equipment must be made when all units are turned off and completely powered down or unplugged. Failing to do so may cause damage to the EVO SUPPLY TWO and/or other units.

Please refer to chapter 3, “Back Panel”.

Connect up to three units with +9V supply to the EVO SUPPLY TWO outputs (Fig. 2, 4), using the cables provided with the unit, after checking the proper supply voltage for each unit.

WARNING: the rated output current for the EVO SUPPLY TWO is 2A.

Connect the provided power cord to the EVO SUPPLY TWO power cord socket (Fig. 2, 6), as well as to a power outlet.

Operate the real panel mains switch (Fig. 2, 5) to power the EVO SUPPLY TWO on. The power on LED (Fig. 1, 1) will glow. The EVO SUPPLY TWO will then be in standby, with outputs disabled and waiting for operation of the output toggle button by the user.

Push the outputs toggle button (Fig. 1, 2). The outputs will enable and the outputs activation LED (Fig.1, 3) will glow.

5. Cleaning the Unit

The EVO SUPPLY TWO should be cleaned with a soft, slightly damp cloth. Do not use alcohol or any other types of cleaning fluids as they could damage the unit.

Avoid fluids from dropping or leaking inside the unit. Fluids of any type poured into the unit will void your warranty.

6. Overload and Protection

The EVO SUPPLY TWO outputs are protected against unwanted overloads by a solid state, automatically resettable fuse. Anyway, continuous short-circuits may damage the unit and must always be avoided.

In case of overload or short-circuit at one output, the behaviour of the unit is such that all outputs are affected.

Whenever an overload condition is detected, it's recommended that user turns the EVO SUPPLY TWO off and detaches all powered units. Each unit must then be checked with its stock wall adaptor to find out which unit is defective.

Then working units may be connected back to the EVO SUPPLY TWO.

7. Specifications

Output voltage:	9V _{DC} (outputs 1, 2 and 3)
Output current:.....	2A (sum of current on all three outputs)
Noise:.....	5uVrms (20Hz-20kHz, A weighted, rated load)
Outputs:	5.5/2.1mm jacks, positive on tip
Input voltage:	100-240V _{AC} , 50/60Hz
Power consumption:	40VA
Fuse:.....	internal automatically resettable on mains input
Input:.....	C7 socket
Size:.....	110x55x100mm (w x h x d)
Weight.....	0.5kg (device only) 0.8kg (packed)