






USER GUIDE


memo


Important Safety Instructions - MeMo Amplifier


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
THE TRIANGLE WITH THE LIGHTNING BOLT IS USED TO ALERT THE USER TO THE RISK OF ELECTRIC SHOCK.
- 


THE TRIANGLE WITH THE EXCLAMATION POINT IS USED TO ALERT THE USER TO IMPORTANT OPERATING OR MAINTENANCE INSTRUCTIONS.
- 


THE CE-MARK INDICATES THE COMPLIANCE OF THE PRODUCT TO ALL THE APPLICABLE EUROPEAN DIRECTIVES
- 


SYMBOL FOR EARTH/GROUND CONNECTION.
- 


SYMBOL INDICATING THAT THE EQUIPMENT IS FOR INDOOR USE ONLY.
- 


SYMBOL FOR CONFORMITY WITH DIRECTIVE 2012/19/EC OF THE EUROPEAN PARLIAMENT ON WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE).
- 


-10°C TO +45°C
- 


10% TO 90% HUMIDITY (NON CONDENSING). DERATING ABOVE 35°C.
- 


DO NOT USE THE UNIT AT ALTITUDES ABOVE 2000 M.
- 


DO NOT USE THE UNIT IN TROPICAL ENVIRONMENT.
- 


WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT ATTEMPT TO OPEN ANY PART OF THE UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
- 


CONNECTION TO THE MAINS SHALL BE DONE ONLY BY A ELECTROTECHNICAL SKILLED PERSON ACCORDING THE NATIONAL REQUIREMENTS OF THE COUNTRIES WHERE THE UNIT IS SOLD.
- 


DO NOT USE THIS AMPLIFIER IF THE ELECTRICAL POWER CORD IS FRAYED OR BROKEN.
- 


TO AVOID ELECTRICAL SHOCK, DO NOT TOUCH ANY EXPOSED SPEAKER WIRING WHILE THE AMPLIFIER IS OPERATING.
- 


DO NOT SPILL WATER OR OTHER LIQUIDS INTO OR ON THE AMPLIFIER.
- 


NO NAKED FLAME SOURCES SUCH AS LIGHTED CANDLES SHOULD BE PLACED ON THE AMPLIFIER.
- 


WARNING TO PREVENT INJURY, THIS APPARATUS MUST BE SECURELY ATTACHED TO THE FLOOR/WALL IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.
- 

THIS DEVICE MUST BE POWERED EXCLUSIVELY BY EARTH CONNECTED MAINS SOCKETS IN ELECTRICAL NETWORKS COMPLIANT TO THE IEC 364 OR SIMILAR RULES
- 

DISCONNECT THE AC MAINS SOURCE BEFORE ATTEMPTING TO CLEAN ANY PART OF THE AMPLIFIER
- 

OUTPUT TERMINALS ARE HAZARDOUS: WIRING CONNECTION TO THESE TERMINALS REQUIRES INSTALLATION BY AN INSTRUCTED PERSON AND THE USE OF READY MADE LEADS.
- 

PROPERLY FIT THE AC MAINS PLUG TO THE AMPLIFIER INLET. BEFORE POWERING THIS AMPLIFIER, VERIFY THAT THE CORRECT VOLTAGE RATING IS BEING USED.
- 

VERIFY THAT YOUR MAINS CONNECTION IS CAPABLE OF SATISFYING THE POWER RATINGS OF THE DEVICE.
- 

TAKE CARE TO LOCK THE OUTPUT TERMINAL BEFORE SWITCHING THE DEVICE ON.

V



This unit has been engineered and manufactured to ensure your personal safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD.

In order not to defeat the safeguards incorporated into this product, observe the following basic rules for its installation, use and service. Please read these “Important Safeguards” carefully before use.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this equipment near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection
- Where the MAINS plug or an appropriate coupler is used as the disconnect device, the disconnect device shall remain readily operable.

THE MANUFACTURER CANNOT BE HELD RESPONSIBLE FOR DAMAGES CAUSED TO PERSONS, THINGS OR DATA DUE TO AN IMPROPER OR MISSING GROUND CONNECTION.

CONTACT THE AUTHORIZED SERVICE CENTER FOR ORDINARY AND EXTRAORDINARY MAINTENANCE.

IT IS ABSOLUTELY NECESSARY TO VERIFY THESE FUNDAMENTAL REQUIREMENTS OF SAFETY AND, IN CASE OF DOUBT, REQUIRE AN ACCURATE CHECK BY QUALIFIED PERSONNEL.

Important Safety Instructions - Mover



PERMANENT MAGNETIC FIELD

External magnetic field: 1.5 mT @ 100 mm from the shell.

Do not use electronic devices and magnetic cards close to the Mover.

Do not place the Mover in proximity to tube TV/Video monitors.

Be careful when using tools around the Mover.

Be careful when handling more than one Mover at a time outside boxes: take Movers at least 80 mm far one from each other.



VIBRATIONS

System exposes human body to mechanical vibrations



DO NOT DROP THE MOVER

Impacts can damage the Mover: warranty will be void if signs of impacts will be detected.



USE THE MOVER IN DRY ENVIRONMENT

Do not expose the Mover to liquid spray.

Do not immerge the Mover in liquids.



DO NOT TRY TO MODIFY THE MOVER IN ANY PART

Never try to open or modify the Mover for any reason!

- Risk of serious injury.

- Risk to damaging the unit.

- Warranty void if open or altered.



STORAGE

When not in use, keep the Mover adequately protected, in a dry place. Use its original package to store the Mover.



AVOID EXCESSIVE HEAT

Do not expose Movers to excessive heat, over than 60 °C (140 F) environmental temperature.

Durability and performances of the units can diminish if they are used in excessive warm environment.

System Specifications

MeMo Amplifier:

Dimensions: L 27.4 cm x W 21.0 cm x H 3.7 cm.

Weight: 2.31 kg.

Peak Power Output: 250 W @ 4 Ohm.

Average Power Output: 40 W @ 4 Ohm.

Signal Processing with sub-harmonics enhancements, optimized for Mover applications.

Preset selector:

- Music preset - Ideal for every multimedia and music content!
- Cinema preset - Ultra-low frequency enhanced for the best movie experience!
- Gaming preset - Dive yourself inside your favorite game and play with the fourth dimension!

Warranty (*): 2 years + 1 after product registration.

(*) Standard Warranty is 2 years. Amplifier warranty will be extended of one year if the product will be registered

Mover transducer:

Dimensions: 90 mm x 90 mm x 90 mm .

Weight: 2.44 kg.

Piston weight: 1.2 kg.

Magnet type: 0.28 kg Neodymium magnet, grade N50.

Frequency Response: 5 – 500 Hz.

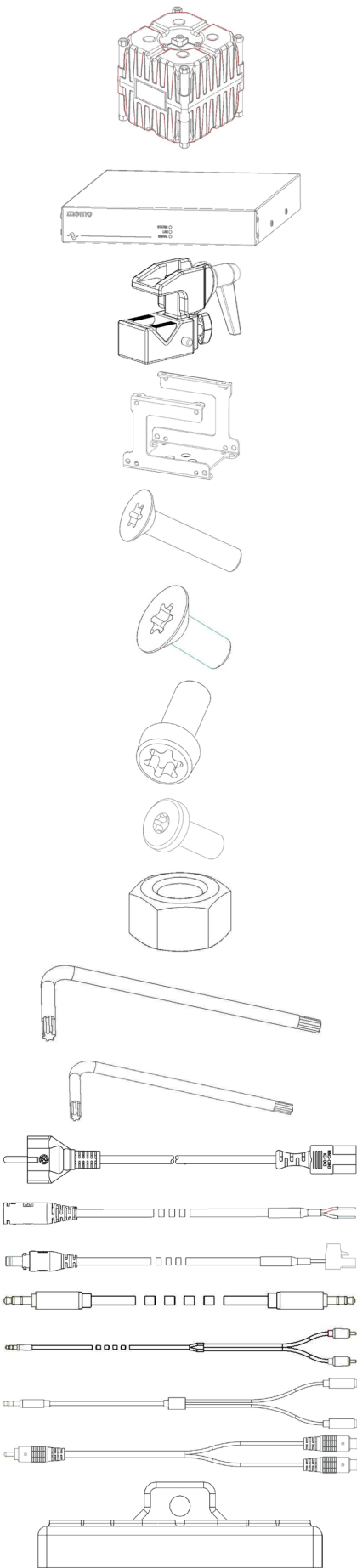
Nominal Impedance: 4 Ohm.

Nominal Bl: 32 Tm

Warranty: 2 years

For any query reach out to us through our website www.powersoft.com.

Content of the bundle



Mover

MeMo Amplifier

Manfrotto® Super Clamp

Mover Flange

TX25 - M5x25 countersunk head screw 2 X

TX25 - M5x12 countersunk head screw 2 X

TX25 - M5x12 cylindrical head screw 8 X

TX8 - M3x8 screw

M5 nut 2 X

TX25 wrench

TX8 wrench

MeMo power supply cable

Power cable, female (30 cm)

Power cable, male (290 cm)

Jack 3.5 TRS cable (200 cm)

RCA-Jack 3.5 TRS Cable (200 cm)

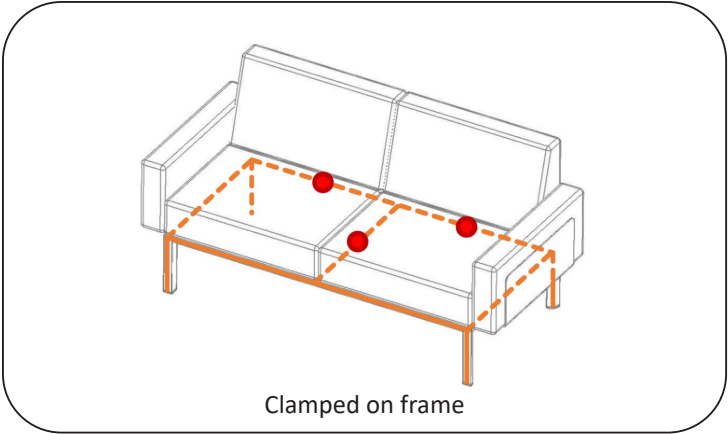
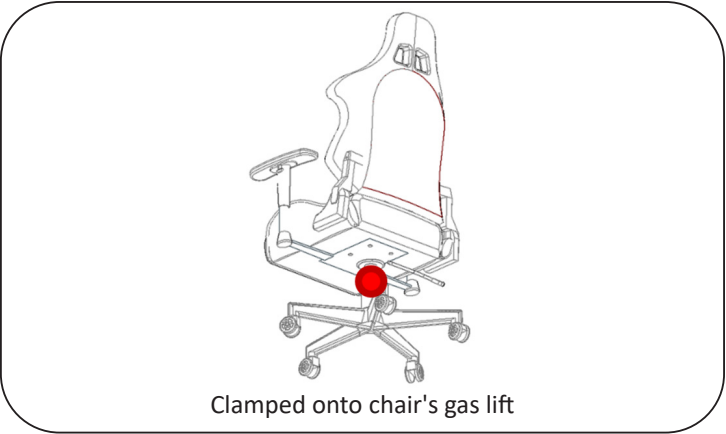
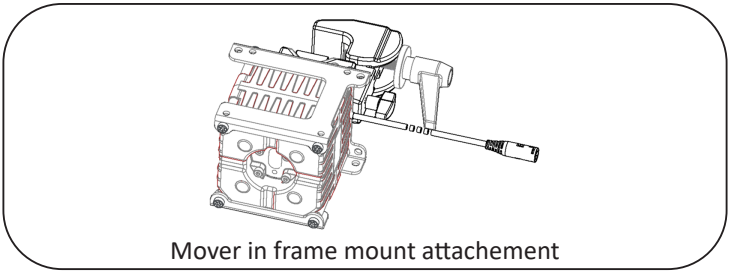
Jack 3.5 TRS Splitter (20 cm)

RCA Splitter (30 cm) 2 X

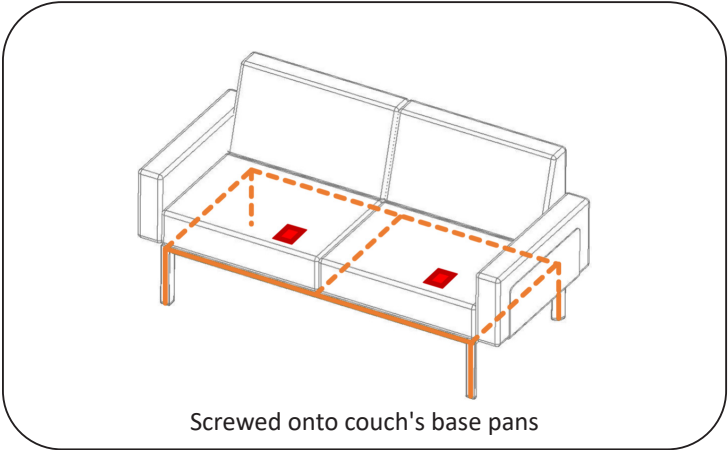
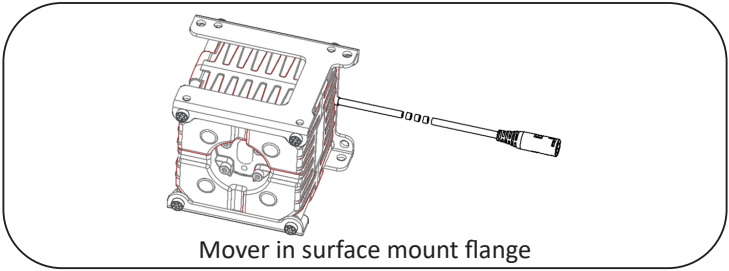
Output terminal retainer

Mounting Locations

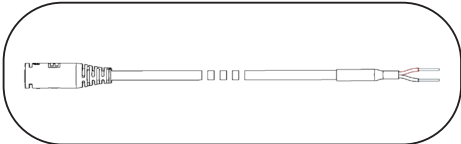
Frame Mount



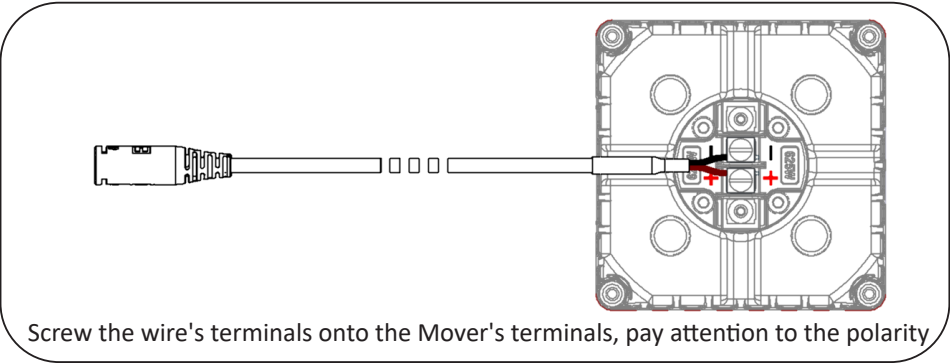
Surface Mount



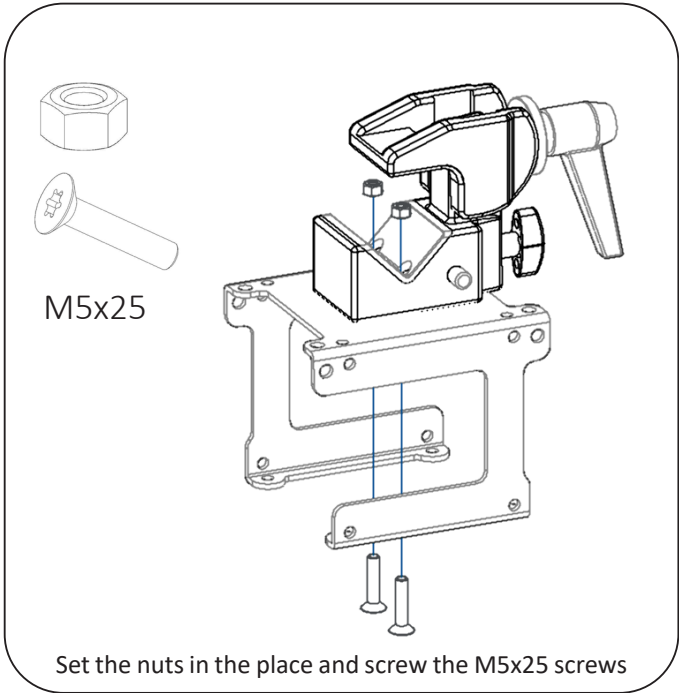
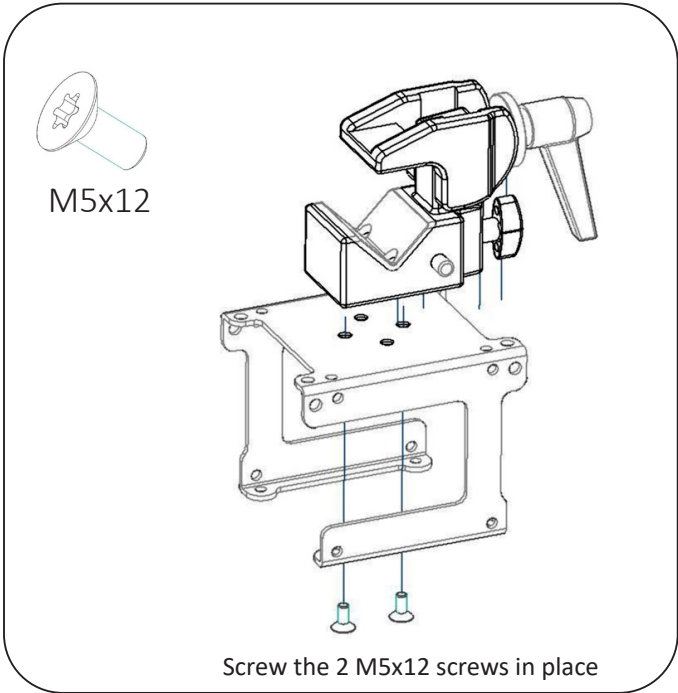
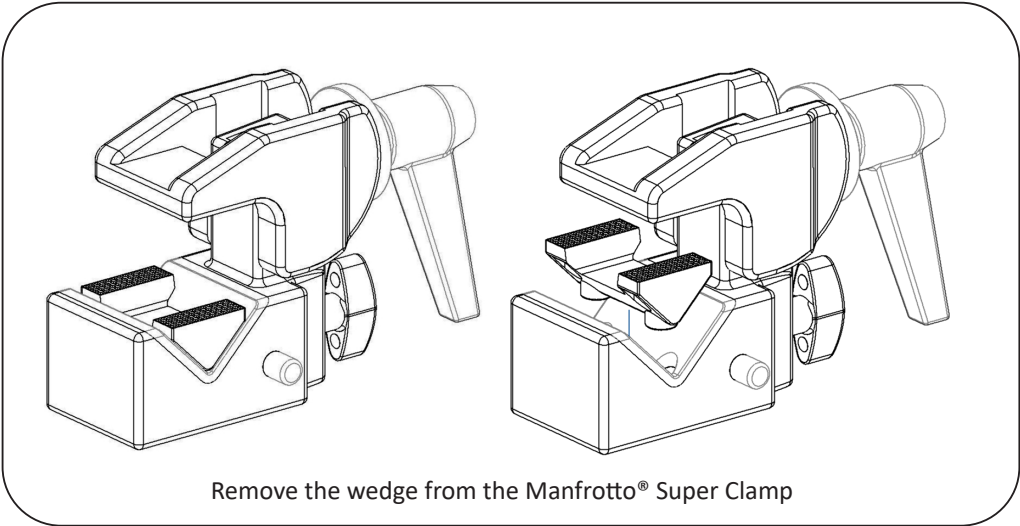
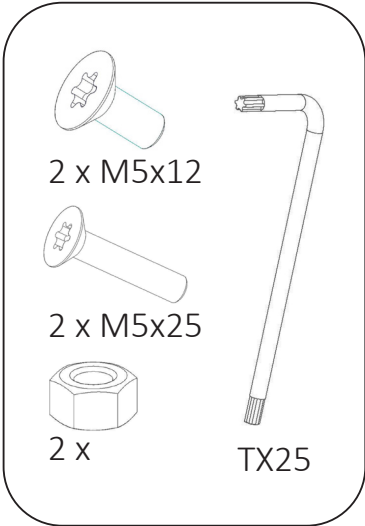
Preliminary wiring



Wire Color	Mover Terminal
Black	-
Red	+

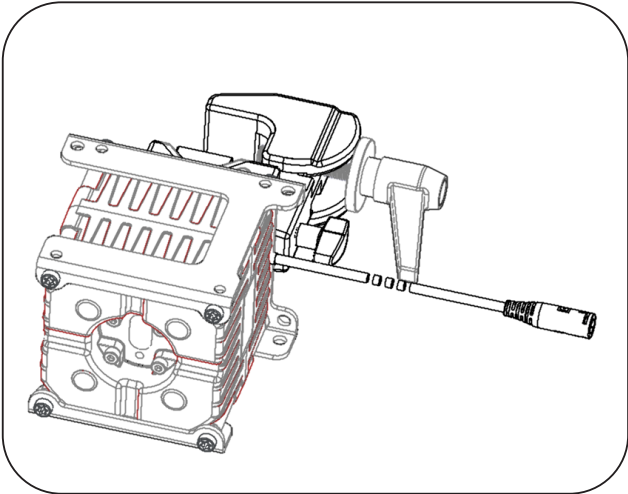
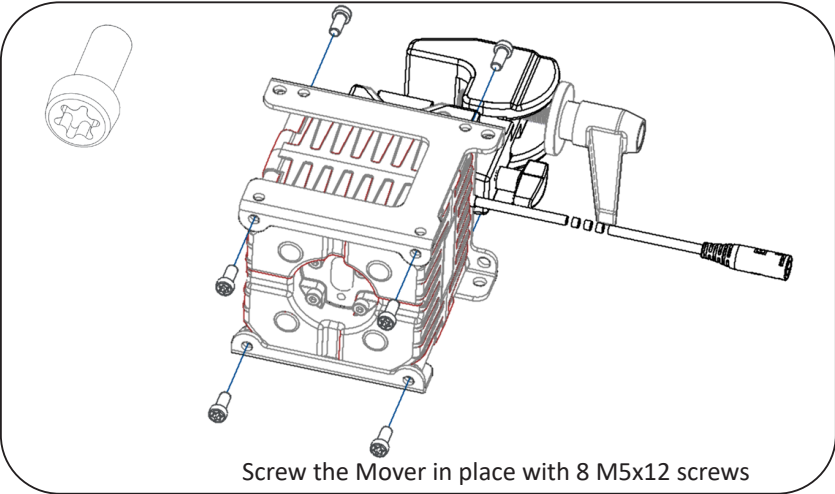
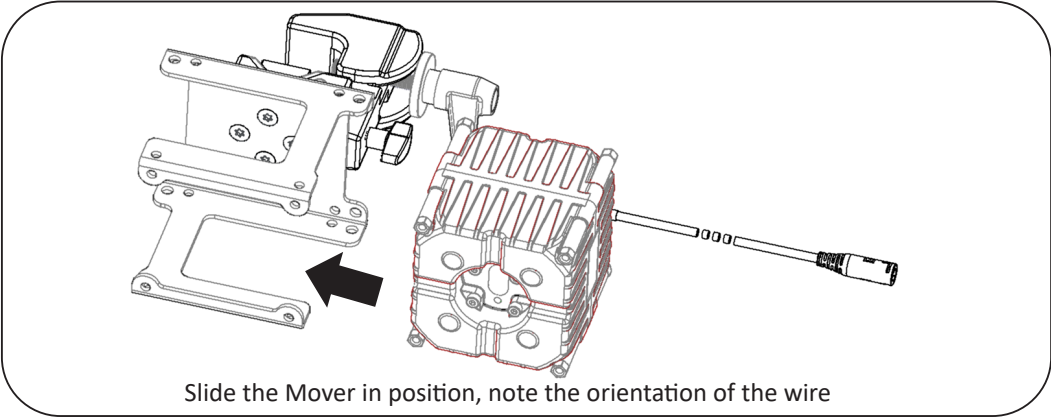
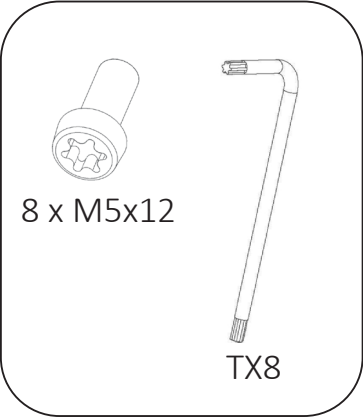


Assembling the clamp

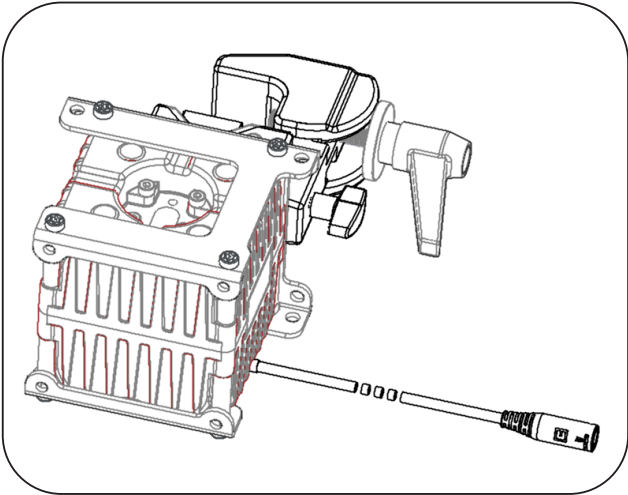
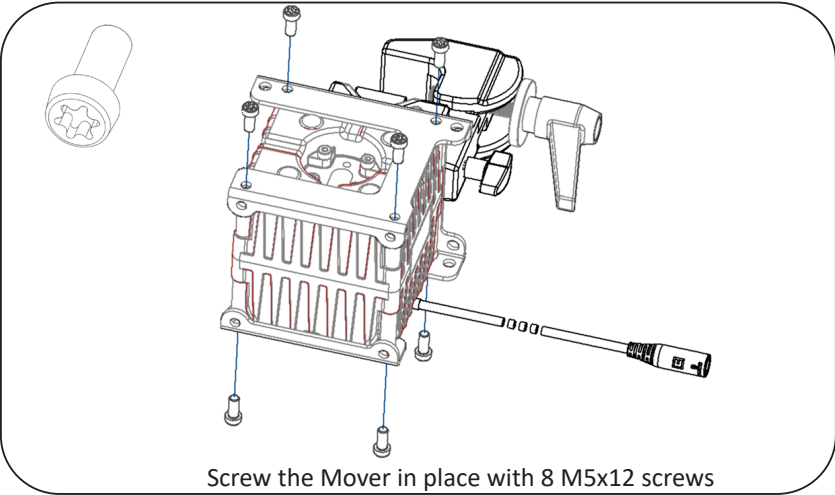
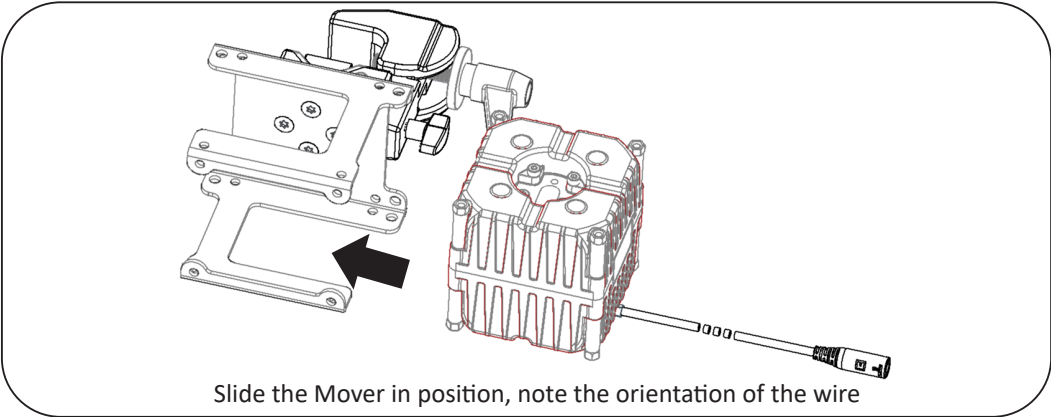


Frame mount assembly

Suggested motion orientation

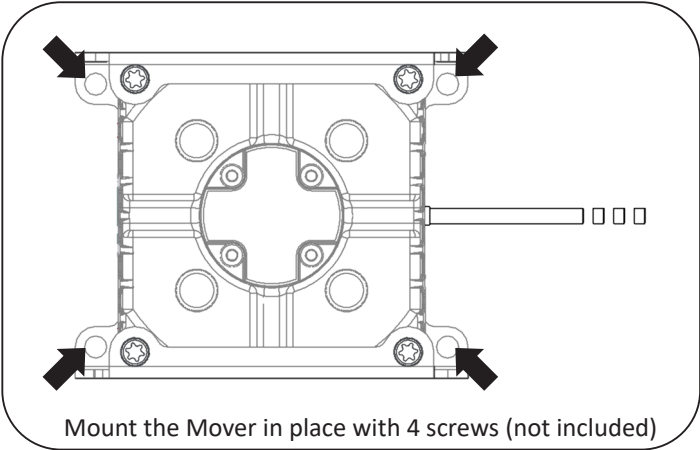
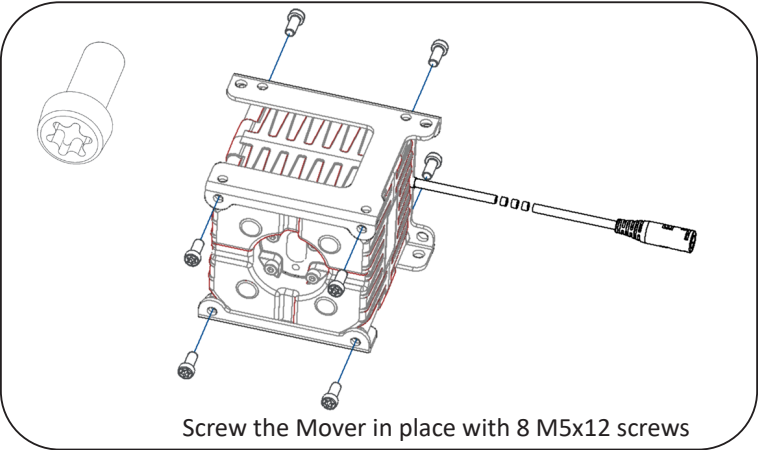
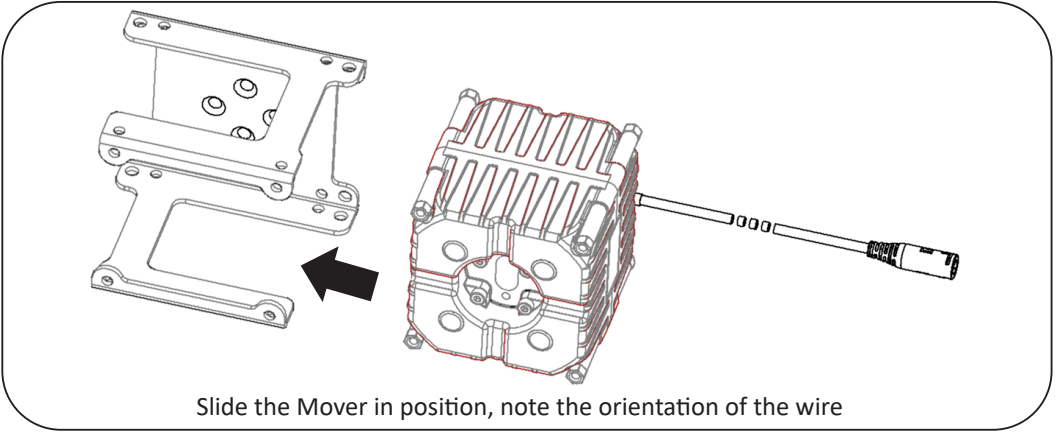
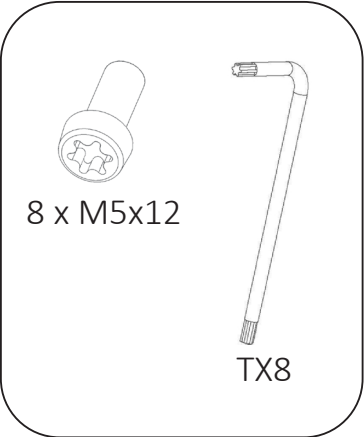


Alternative motion orientation

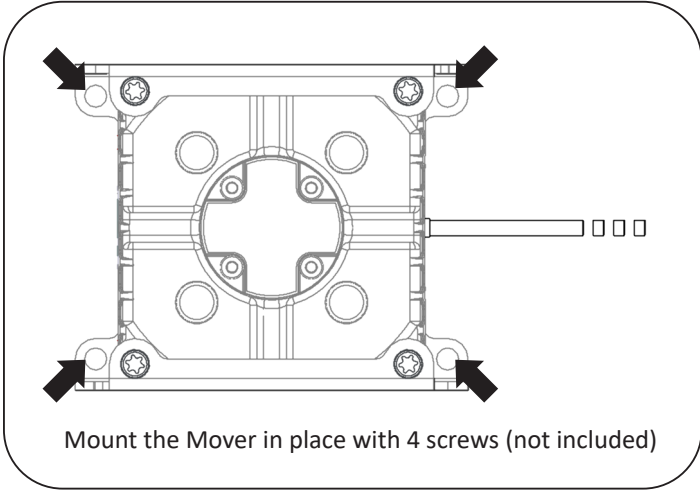
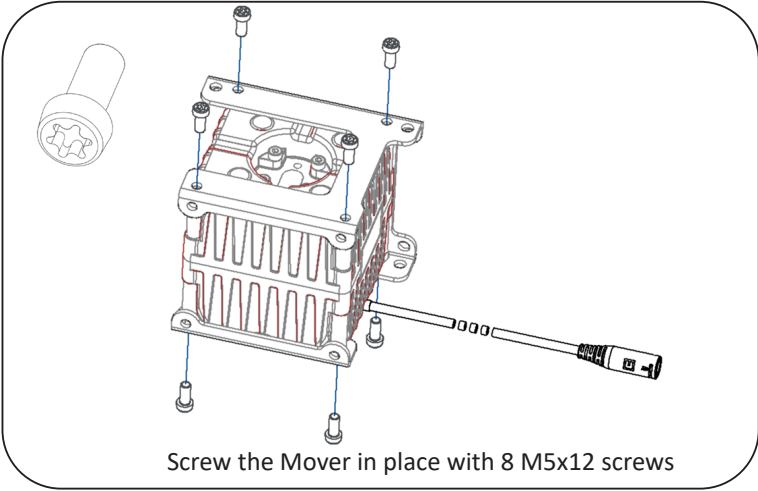
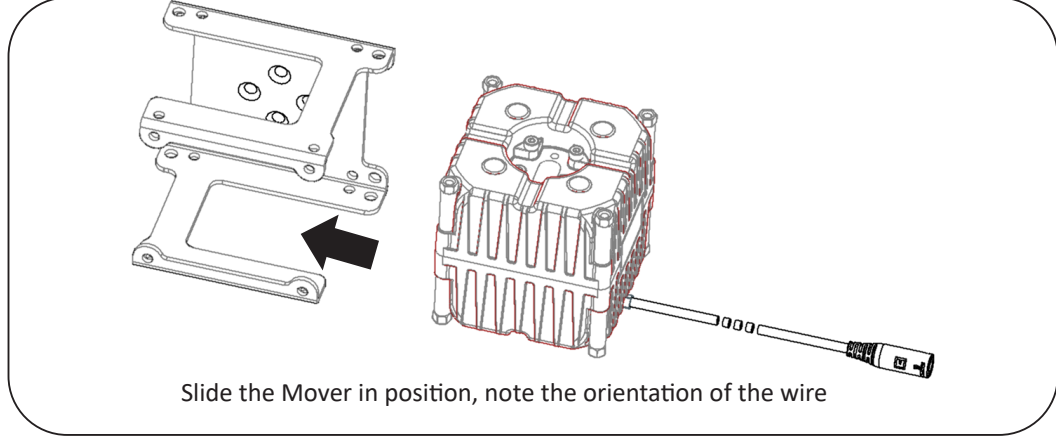
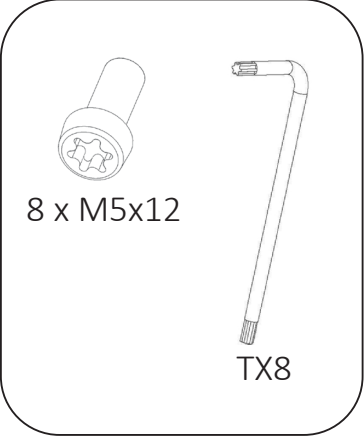


Surface mount assembly

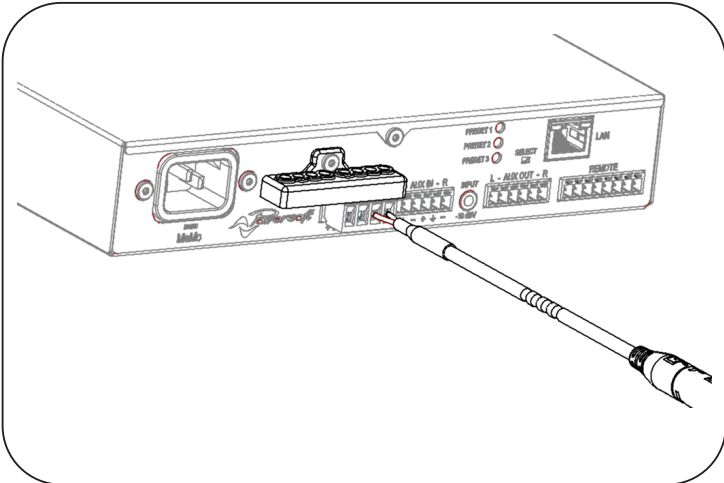
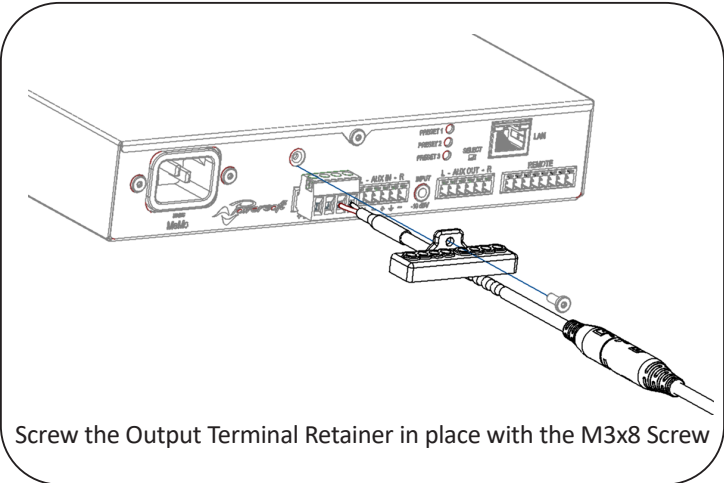
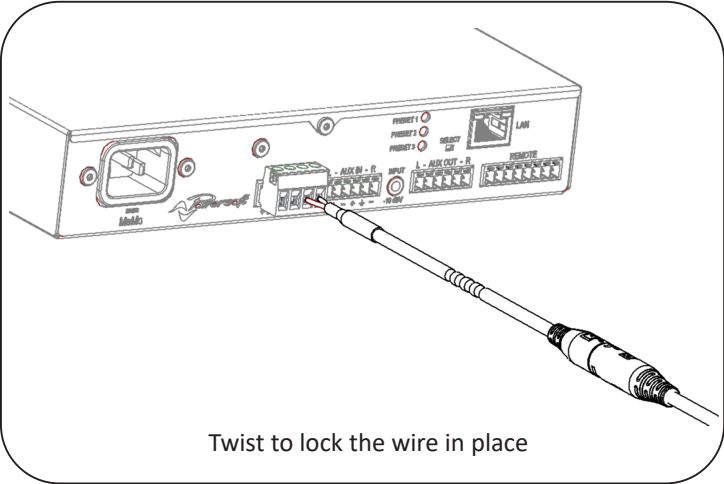
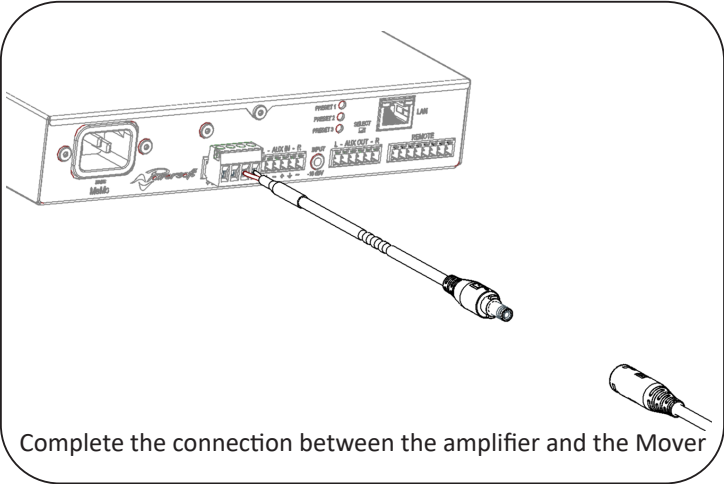
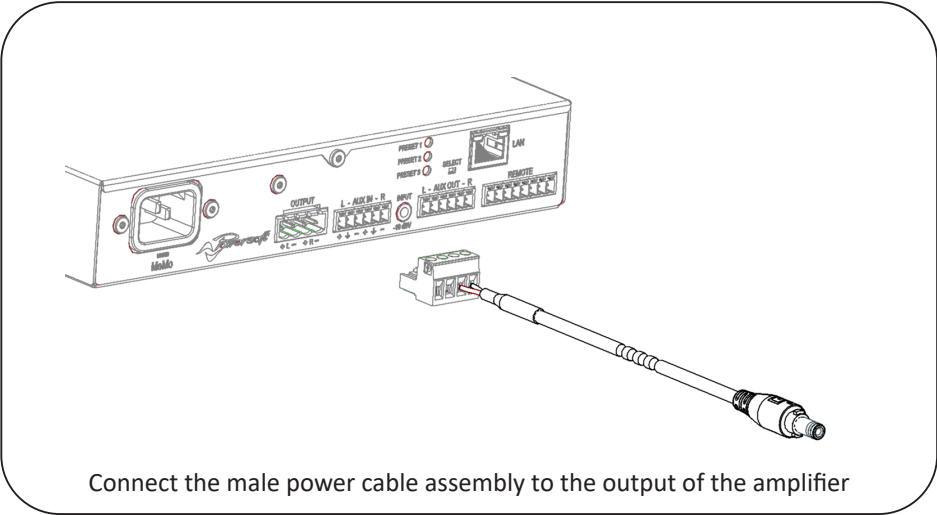
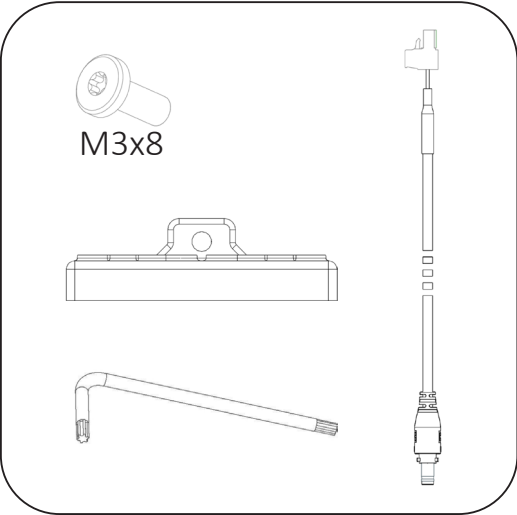
Suggested motion orientation



Alternative motion orientation



Connecting the Mover to the MeMo Amplifier



Connecting the Amplifier to your PC

USB Gaming Soundcard

SOURCE	WIRING	INSTRUCTIONS
--------	--------	--------------

Line Out (Jack 3.5 mm TRS)

Jack 3.5 mm TRS cable

Connect the Line Out on the USB Soundcard to the Amplifier's Input
Connect your headphones to the Usb Soundcard

Internal Soundcard

SOURCE	WIRING	INSTRUCTIONS
--------	--------	--------------

Sub / Aux Out (Jack 3.5 mm TRS)

Jack 3.5 mm TRS cable
Jack 3.5 mm TRS Splitter

Split the Sub / AUX OUT signal of the Internal Soundcard
Connect the minijack cable to one side of the splitter
Connect the minijack cable to the Amplifier's Input
Connect your speakers to the Internal Soundcard's Main Output

Connecting the Amplifier to your Home Theatre System

Main Stereo Out

SOURCE	WIRING	INSTRUCTIONS
--------	--------	--------------

2Ch Audio Out

2 x RCA Splitters
RCA-TRS cable

Split the 2Ch Audio Out on your Blu-Ray Player with the RCA splitters
Connect the RCA-minijack cable to the splitters
Connect the RCA-minijack cable to the Amplifier's Input
Connect the rest of your system to the splitter's remaining connectors

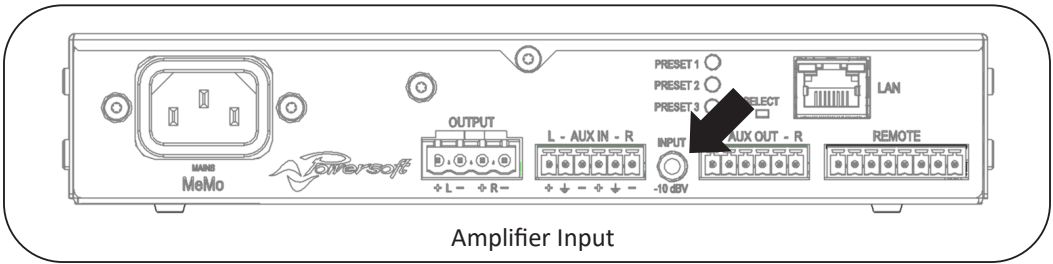
Subwoofer Out

SOURCE	WIRING	INSTRUCTIONS
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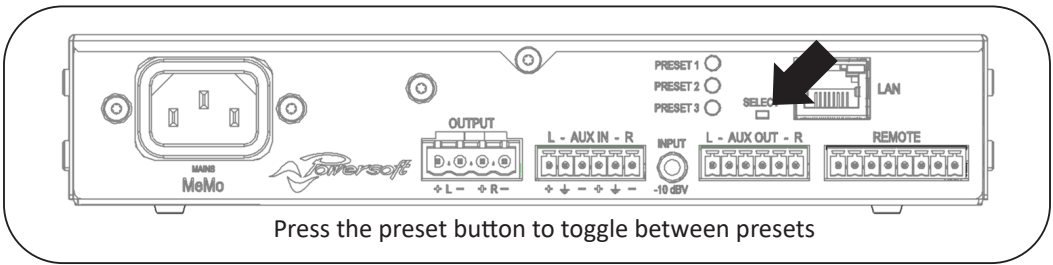
Subwoofer Out

RCA Splitters
RCA-TRS cable

Split the Subwoofer Out on your Blu-Ray Player with the RCA splitter
Connect one terminal of the RCA-minijack cable to the splitter
Connect the RCA-minijack cable to the Amplifier's Input
Connect the system's subwoofer to the splitter's remaining connector

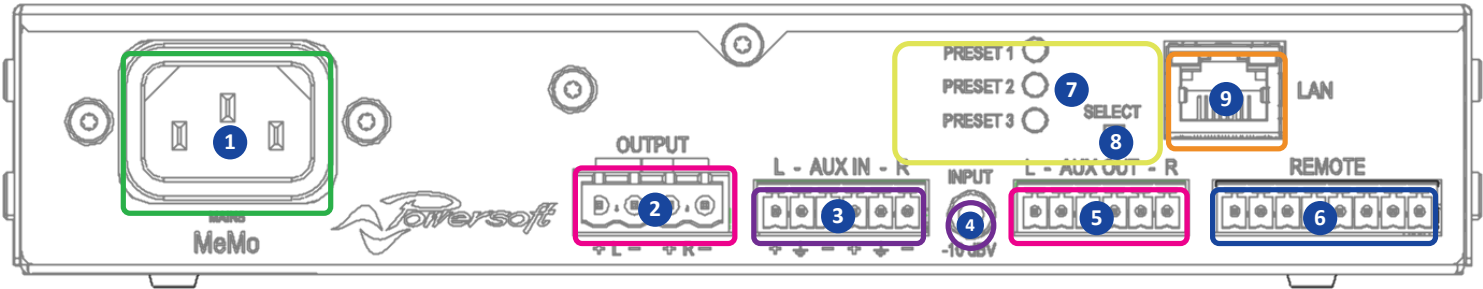


Presets



PRESET #	NAME	DESCRIPTION
1	Music	Ideal for every multimedia and music content!
2	Cinema	Ultra-low frequency enhanced for the best movie experience!
3	Gaming	Dive yourself inside your favorite game and play with the fourth dimension!

Rear Panel



AC Mains Connector

1 IEC 10A

Remote

6 Reserved

Output

2 Mover Output

5 AUX OUT (sum of Input + AUX In)

Preset

7 Preset State LEDs

8 Preset Selection Pushbutton

Input

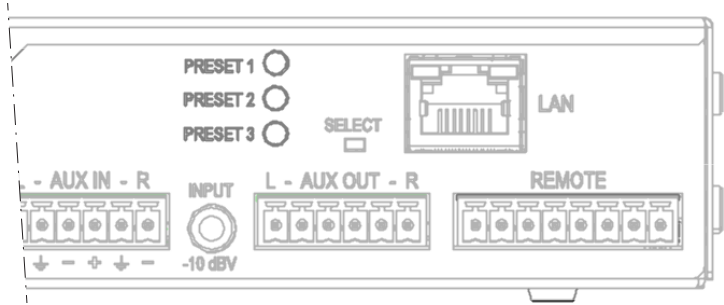
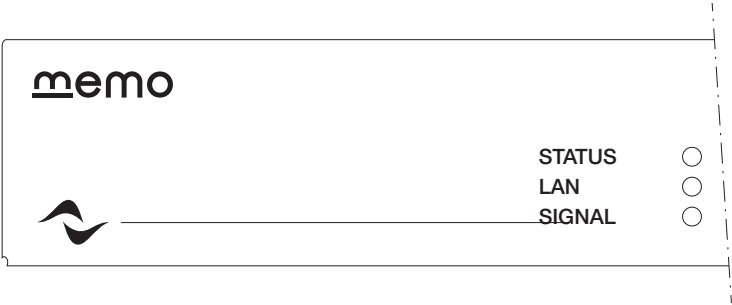
3 AUX In (passthrough to AUX-OUT)

4 Input

LAN

9 Reserved

LED Charts



General

LED	Color	Lighting	Description
Status	Green	Solid ON	Amplifier on
	Blue	Low Intensity	In standby (standby mode activates after 25 minutes of inactivity)
	Red	Solid ON	Hardware fault
	Yellow	Solid ON	Temperature warning
Lan	Green	Solid ON	Service
Signal	Green	Solid ON	Analogue input signal present
	Yellow	Solid ON	Limiting in one or more channels



DRIVING HUMAN AUDIO EXPERIENCE

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