

MAPU Preto

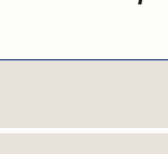
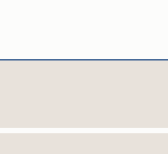
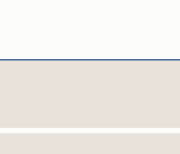
N°

HANDMADE IN PORTUGAL
ACOUSTIC ENGINEERING MADE IN DENMARK
ASSEMBLY & QUALITY CONTROL MADE IN GERMANY

Hola! Hej! Hallo! oia!

THE MAPU SPEAKER you have in your hands was handmade with dedication, precision and a lot of love. Every piece is unique, numbered, and made from low-impact materials like clay, cork, wood and wool.

This series of MAPU PRETO & MAPU SOENGA Speakers is a tribute to the unique black ceramics and pottery culture of Molelos in Portugal. The packaging is made of recycled cardboard filled with felted sheep wool.



OUR TEAM | We are an interdisciplinary and multicultural team of artisans, engineers and designers, who share a desire to keep traditional handicrafts thriving in our industrialized world.

OUR COMMUNITY | If you are holding this booklet, you are helping shape a better future of production. We are filled with gratitude that you are joining us to support ceramics and traditional knowledge through sound design.

We don't want to compete to be the best speakers in the world, we want to cooperate to become the best speakers FOR the world!

IMPORTANT SAFETY & PRODUCT CARE INFORMATION

UNPACK CAREFULLY

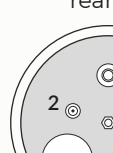
- Please be aware that your product is fragile. If possible, use the help of a second person to remove the loudspeaker from the box.
- Place the speaker bag directly on a soft surface to avoid hitting the vase or the connectors on the rear panel.
- Keep the packaging materials in case your speaker needs to be relocated or serviced.

IMPORTANT SAFETY INFORMATION

- Do not allow the speaker to get into contact with humidity, heat or water! Keep the speaker technology, including cabinet materials and power supply, away from extreme conditions to avoid a shock hazard or damage of the components.
- Only use the product indoors! (Intended use is within a temperature range of 5 - 30°C (40 - 90°F) and a humidity around 30% to 70%)
- Exclusively use 100-240 V, 50/60 Hz AC power voltage. Other voltages may damage the unit or create fire hazard.
- Never connect the speaker with another amplifier through the audio-in mini-jack (3), since the speaker's internal amplifier may be damaged.
- If connecting to an unamplified audio device (e.g. turntable), always use a preamplifier to regulate the output level. (Connecting directly through the audio-in (3) may damage the speaker's internal amplifier or your audio device)
- Do not open the speaker cabinet or power supply under any circumstances.

GENERAL PRODUCT CARE

- Always direct sunlight, as this may affect the color of the natural materials of your speakers.
- Avoid place the speakers on a stable piece of furniture or stand.
- Only clean the cabinets with a soft, dry cloth. Do not use any chemical products.



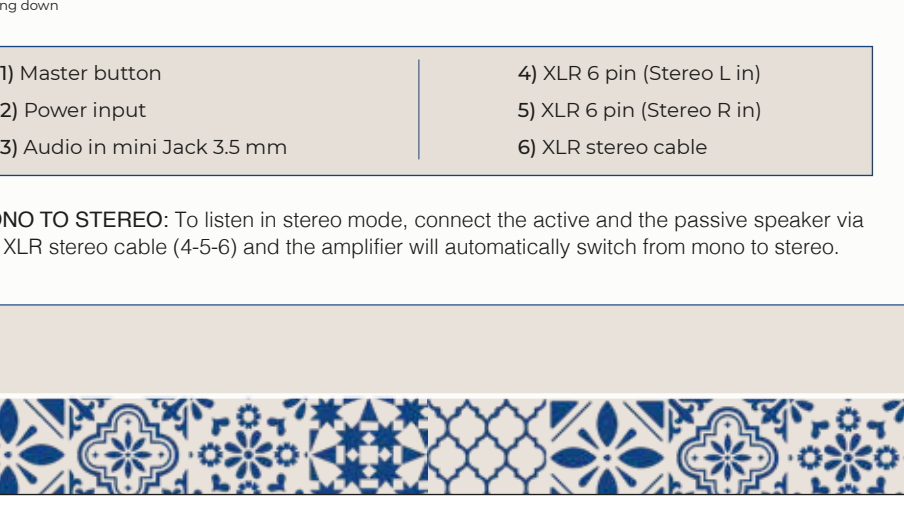
User guide
Manual de uso
Gebrauchsanleitung
Guia de utilização

If you keep having questions about our products, there installation or operation, please scan the QR code or feel free to contact us: hola@mapuguaquen.com

MAPU SPEAKERS

ACTIVE MONO SPEAKER (or left side stereo)

PASSIVE SPEAKER (right side stereo)



- | | |
|------------------------------|----------------------------|
| 1) Master button | 4) XLR 6 pin (Stereo L in) |
| 2) Power input | 5) XLR 6 pin (Stereo R in) |
| 3) Audio in mini Jack 3.5 mm | 6) XLR stereo cable |

MONO TO STEREO: To listen in stereo mode, connect the active and the passive speaker via the XLR stereo cable (4-5-6) and the amplifier will automatically switch from mono to stereo.

QUICK START GUIDE

FIRST: Plug the DC plug into the power input (2) on the back panel of the speaker, and THEN plug in MAPU to a power outlet!

TURN MAPU ON: Press and hold the Master button (1) for at least 3 seconds until the status indicator turns on. (orange light starts flashing + sound of Heartbeat)

A) CONNECT WITH BT DEVICE: When the orange light is flashing, the speaker is in pairing mode. Turn on BT on your device and choose to connect to 'MAPU'. (orange light turns permanent + sound of Udu)*

B) USING AUX ANALOG 3.5 MM AUDIO IN: Connect the AUX 3.5 mm mini-jack cable to your audio device and THEN connect the other end to the audio-in jack on the back panel of the speaker. **
PRESS PLAY AND ENJOY!

DISCONNECT BT DEVICE: to disconnect from one BT device and connect with another:
A) press and hold the Master button (1) on the speaker for at least 3 seconds.
B) unpair / disconnect BT on your currently connected device. (orange light starts flashing again + Marimba sound)

TURN MAPU OFF: Shortly press the Master button (1) once. (light turns off + Tablas sound)

ENERGY SAVING MODE: If no connection is established within 15 minutes, MAPU will automatically turn off. (light turns off + Tablas sound)

* Please note: The speaker will always automatically connect to the most recently connected device.
** When the AUX 3.5 mm mini-jack cable is plugged into the speaker, the BT connection will be automatically and temporarily disabled, but the speaker and the BT source device remain paired

TROUBLESHOOTING

IF YOUR SPEAKER DOESN'T PLAY MUSIC, PLEASE CHECK THE FOLLOWING:

- Ensure that the power cord is plugged in terminal correctly and power is turned ON.
- In case you are using the BT connection, ensure that it has been properly paired with the speaker and confirm that the 3.5 mini Jack is not plugged in.
- Make sure your BT or Aux-in source device is playing audio and gradually increase the volume.

IF YOU CAN'T CONNECT THE SPEAKER TO YOUR BT DEVICE, PLEASE CHECK:

- If your device doesn't identify the MAPU speaker, turn the BT functionality OFF and then ON again and wait for a moment. (For Android devices, choose „refresh“)
- If you can't pair your device, make sure that no other device is paired and blocking the connection. (To disconnect manually, press and hold the Master button (1) for at least 3 seconds until the orange light starts flashing & the Marimba sound appears).
- Try to connect another BT device, or try to connect via Audio in mini Jack.
- If your device doesn't recognize the speaker at all, reset the connection by removing MAPU from the BT list on your device. Then start the connection process from the beginning.

IF YOUR CONNECTION IS DISRUPTED, PLEASE CHECK:

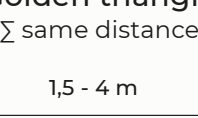
- Move the device closer to the speaker. (recommended distance < 10m)
- Avoid sources of interference or signal absorption such as thick walls, aquariums or human bodies. (Interferences may also occur when carrying the device in your pocket).

***ONLY FOR MAPU STEREO**

- If only one speaker in a stereo pair reproduces sound, make sure that the active and the passive speaker are properly connected via the XLR stereo cable (6).
- If you hear a metallic vibration from the backside of the speakers, check if the XLR stereo cable (6) connector screws are loose and retighten them on both sides.

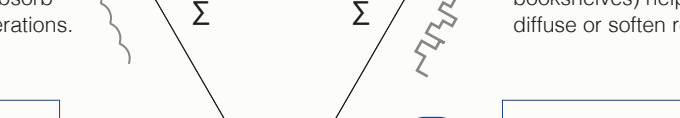
SPEAKER POSITIONING RECOMMENDATIONS

Every room has its own distinctive acoustics, which influence the way we experience sound. The sound we hear consists of direct sound from the speakers in combination with reflected sound from the floor, ceiling, furniture and walls.



Recommend floor height: 40 - 90 cm, ideally with the axis of the speaker pointing towards your ears when listening.

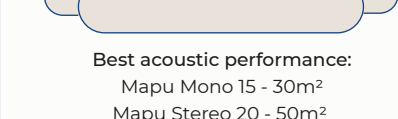
Soft items such as carpets, curtains and other soft furnishings absorb unwanted reverberations. Bookshelves and similar items diffuse the sound. Large, hard and reflective surfaces increase the reverberation in the room which can be detrimental to the sound.



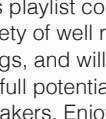
* Soft materials and furniture help to absorb unwanted reverberations.

* Complex surfaces (like bookshelves) help to diffuse or soften reflections

Installing your speakers too close to back walls or corners will result in increased bass output (around +2dB /+4db), but may also cause muddy and unclear sound.



Best acoustic performance:
Mapu Mono 15 - 30m²
Mapu Stereo 20 - 50m²



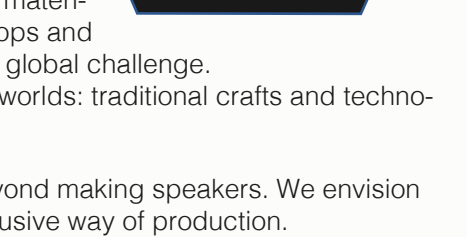
This playlist contains a variety of well recorded songs, and will show you the full potential of your speakers. Enjoy!

TECHNICAL SPECIFICATIONS

MODEL	Mapu Preto or Mapu Soenga (Mono / Stereo Speaker*)
DIMENSION (WxHxD)	240mm/ 230mm/ 230mm (±10%)** (x2*)
WEIGHT	3,5 kg (±20%)** (x2*)
CABINET CONSTRUCTION	Portuguese clay, wood, cork, wool and copper
DRIVER UNITS	4" full-range Driver, 8Ω. Maximum power rating 30/45 W (x2*)
POWER AMPLIFIER	2 x 40W 90% energy efficient filter-free Class D Stereo Amplifier, with DAC with Burr-Brown®
CONNECTIVITY	BT V5.0 Qualcomm aptX Codec & AAC, support A2DP V1
FREQUENCY RESPONSE	50 Hz -18 kHz (± 3 dB)
SIGNAL PROCESSING	PurePath® HybridFlow Processing Architecture
ANALOG INPUTS	3.5mm mini-Jack (Max. analog input level: 2.2 Volts)
INPUT	100 - 240V - 50/ 60 Hz 1A
TOTAL HARMONIC DISTORTION+NOISE (THD+N)	0.007% (at 1W, 1 kHz)
SIGNAL TO NOISE RATIO (SNR)	≥80 dB
OPERATING CONDITIONS	5-35°C (40-95°F) / Max. humidity: 80%
BEST ACOUSTIC PERFORMANCE	For Mono speaker: 15/30 m² / For Stereo speakers: 20/50 m²

* In case of stereo speaker purchase **All speakers are handcrafted out of natural materials; therefore, sizes and weight can vary minimally without affecting the system's performance.

OUR CRAFTS | Pottery is one of the oldest cultural techniques of mankind. Today, we are seeing traditional knowledge fading away as industrial mass-production takes over. We believe that ceramics are a material language that must be kept and protected, but more importantly, it must be protected and preserved as a source of knowledge and learning.



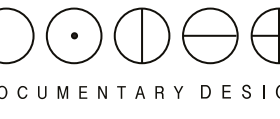
OUR HERITAGE-LED INNOVATION | We are exploring alternatives to conventional industrial production, using sustainable materials and collaborating with small workshops and communities to find local solutions for a global challenge. Our Mapu speakers bring together two worlds: traditional crafts and technology with a vision for the future.

OUR VISION | Our mission extends beyond making speakers. We envision a more conscious, cooperative and inclusive way of production.

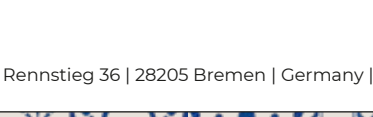
OUR FUTURE | Our dream is to become the first carbon-neutral speaker in the world, and to bring our methodology to other regions, creating further series of unique ceramic speakers that help to spotlight and preserve cultural traditions.

“Tradition is not the worship of ashes, but the preservation of fire.” — Gustav Mahler

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SaloneSatellite Green Product Award Winner 2019 bid 16 Finalista Design Innovation / prodotto CORFO SOU THE FUTURE WORTH PARTNERSHIP PROJECT WHAT DESIGN CAN DO!

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