

FLEXOUND

HU MU[®]

SMART CUSHION

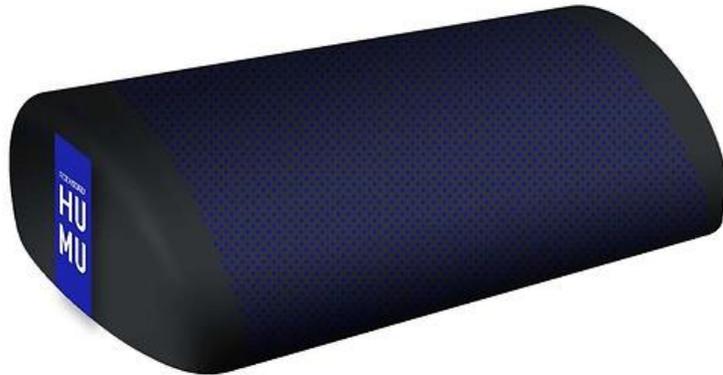
User guide

SC200 EN201704

Thank you for purchasing Flexound HUMU, The Smart Cushion that enables you to hear audio and feel the soundwaves.

Boosted by
FLEXOUND
X P E R I E N C E

WHAT'S HUMU?



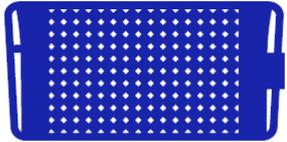
HUMU is your personal Smart Cushion, providing a unique experience. HUMU allows you to both hear the audio and feel the sound waves simultaneously. Just connect HUMU to your smart device, computer or TV to immerse yourself in your favourite movies, games, or music. HUMU enhances the emotions created by your favourite entertainment.

This easy-to-use audio device cushion is the first consumer product to add the sense of touch to entertainment. HUMU takes you deeper into your favourite audiovisual content by adding a new dimension to the audio experience, the ability to feel the sound waves.

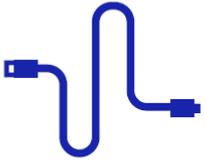
HUMU utilises exclusive patented Flexound® Xperience technology. Designed and engineered in Finland.



WHAT'S IN THE BOX?



1 pcs Flexound HUMU Smart Cushion SC200

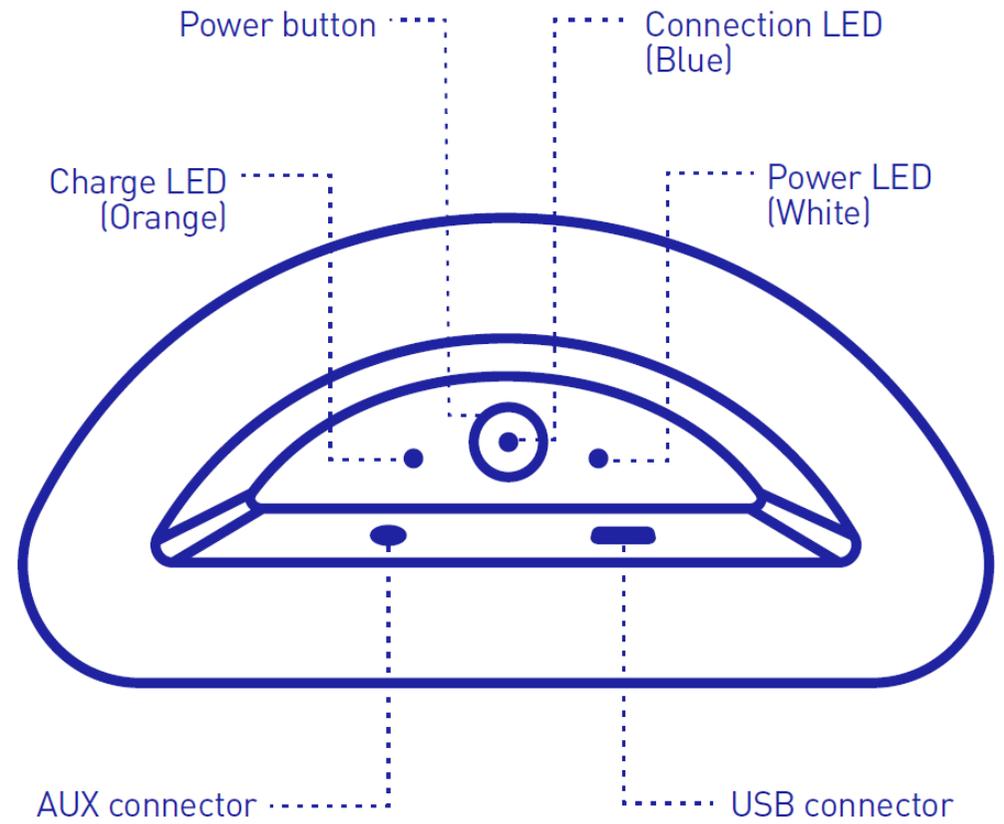


1 pcs USB charging cable



1 pcs User guide

USER INTERFACE

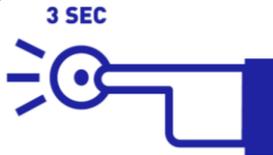


QUICK START

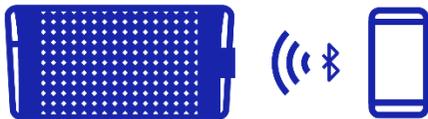
1. Open HUMU cover pocket to find the round Power button.



2. Press Power button for 3 seconds, until you hear and feel the indicator sound.



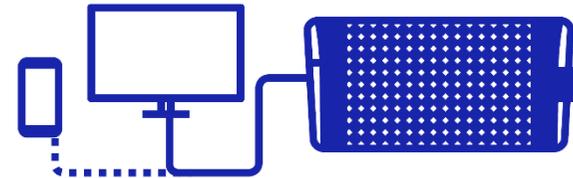
3. Connect to host device, either wirelessly with Bluetooth, or with a separate 3.5 mm audio cable.



a. Bluetooth connection:

- go to host device Bluetooth settings
- switch Bluetooth ON, and select add new device
- wait a couple of seconds, until “Flexound Xperience” appears as a new device
- select HUMU to be paired with host device by selecting “Flexound Xperience”
- HUMU indicates successful Bluetooth pairing with Connected indicator sound

- b. use a 3,5mm audio cable to connect to host device headphone output by connect the cable into AUX connector (Max 2V).

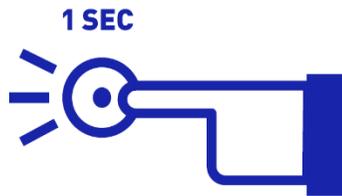


4. Start playing music from host device. Set the volume to appropriate level, and enjoy the unique listening experience with HUMU!



POWER ON AND OFF

Switch the power on by pressing the Power Button 1 - 2 seconds. When the power is set on, the Power Led blinks and you will hear and feel the HUMU Power-On sound.

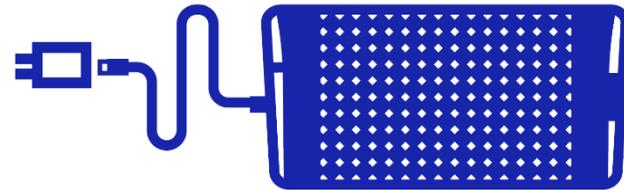


LOW BATTERY

Voltage of the battery is low when you start hearing a Low voltage sound indicator every 3 minutes, and the Power Led and Charge Led are flashing. HUMU continues operation, but needs charging. Switch the power off by pressing the Power Button 1 - 2 seconds. When the power is set off the Power Led flashes once in 1 second and you hear and feel the HUMU Power Down sound.

CHARGING

You can use any standard USB charger (e. g. mobile phone charger, computer USB port) to charge the battery of HUMU.



Connect the USB charging cable to the Micro USB Charger port of HUMU, and then connect the cable to charger USB port. The battery is full charged when the Charging Led is turned off. Charging time is approx. three hours, depending on the charger. Use only high quality chargers to guarantee safety and prevent electrical shock.

BLUETOOTH CONNECTION

You can connect HUMU to a Bluetooth audio equipped master device such as a smart phone, a lap top computer or a tablet computer. See user manual of your device how to use its Bluetooth.

PAIRING

When HUMU is turned on for the first time, it will enter pairing mode automatically.

You can set HUMU to the pairing mode by pressing the Power Button 3-4 seconds to pair another master device.

When HUMU is in pairing mode the Power Led and the Connection Led are flashing on and off.

Choose “Flexound Xperience” in your device to pair with HUMU

When HUMU is connected to the master device you hear the HUMU Connected indicator sound, and the Power Led starts flashing slowly every 4 seconds.

When HUMU has already been paired with a master device and HUMU is turned on, it enters automatically to discoverable mode to reconnect with a master device. When HUMU is in discoverable mode, the Power Led and the Connection Led are flashing on and off repeatedly similarly as in the pairing mode.

HUMU will stay in the discoverable mode or the pairing mode for 5 minutes. If HUMU cannot connect to a master device within 5 minutes, it will automatically turn off to save battery.

Bluetooth link lost

In case of losing Bluetooth connection to a master device, the Connection Led in HUMU’s control panel flashes repeatedly and HUMU enters automatically in discoverable mode for reconnecting with a master device.

PAIRED DEVICE LIST (PDL)

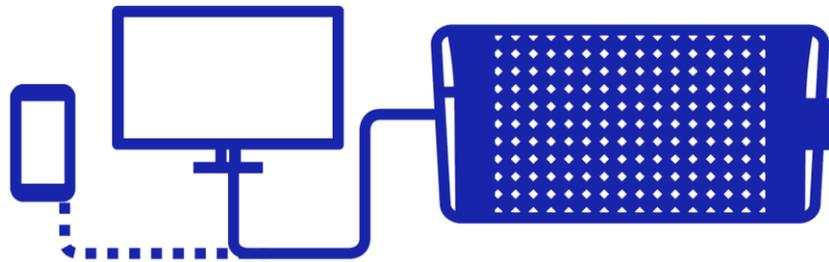
HUMU can remember last eight paired connections to different master device in its Paired Device List (PDL) for automatic reconnection to a master device.

If you want to erase the PDL press the Power Button for over 8 seconds. During the erasing of the PDL the Power Led flashes fast on and off twice and you will hear an indicator sound. After that HUMU will enter pairing mode automatically.

Auxiliary connection

Use the Auxiliary Audio Signal Input port to connect an auxiliary line level analogy stereo signal to HUMU. The port connector is a standard 3.5 mm stereo connector (Max 2V).

When a cable connector is connected in the Auxiliary Audio Signal Input port, HUMU's Bluetooth receiver is turned off, and Connection Led is illuminated.



With the AUX cable, you can also pair HUMU with a host device, such as TV.

Using HUMU



You can use HUMU in different positions but it is designed to use as Picture. Left channel (L) in HUMU is in pocket side end, the right channel (R) is in the handle end. It is soft and flexible so that you can bend it to find a comfortable listening experience, but do not use heavy weight on it or twist it excessively, as it contains carefully tuned mechanical and acoustical parts that may be damaged.

HUMU listening experience depends also on the surface where it is lying on. A soft surface e. g. on a sofa vibrates and resonates together with HUMU, and enhances the feeling of sound waves. Try different locations and orientations of HUMU, and discover your favourite listening setups!

MAINTENANCE

HUMU does not need any specific maintenance. Only the battery needs to be charged around every 8 hours of use.

If you need to clean the cover of HUMU use only a dry or moist wiper. Do not alter HUMU to any strong washing agents.

If you need to extend operation time of HUMU you can connect an external Power Bank to the Micro USB Charging port, if regular charging is not possible. Small power bank fits to HUMU pocket, allowing charging also during use.

WARNINGS

Intended use: HUMU Smart Cushion is intended for experiencing audio through hearing and touch, by keeping it close to your head, shoulders, or body. It is strong and durable, soft high-tech audio device. Still, handle it with respect and care.

Do not step, stand or sit on the product. Do not drop, toss it around. These may cause malfunction, electric shock, fire or injuries.

Read and follow these instructions.

Do not use this product in a wet or dusty environment. Product shall not get wet with any liquid such as water.

For charging safety, use only FCC, CE or CCC approved USB chargers (output current at least 500 mA). Use the included USB cable. Use of

defective USB charger or cable may lead to electrical shock and/or damage to HUMU, and is not covered by the warranty.

Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as liquid has been spilled or objects have fallen into the product, the product has been exposed to rain or moisture, does not operate normally, or has been dropped or smashed.

Do not place any sources of danger on the product (e.g. heavy or liquid filled objects, sources of heat or fire). Do not place foreign objects inside the product or its connectors. These may cause electric shock, fire or injuries.

Use a low enough volume to avoid too intense vibration that you perceive uncomfortable, and/or to prevent damage to hearing.

Do not leave product unattended when its battery is charging.

Do not let children to use product without supervision, to avoid danger of asphyxiation, in case cable winds around children's neck.

Do not cover product when in use to avoid overheating.

Product includes magnets. If you have an implanted medical device, consult with a doctor before using this product.

The product is designed for home environment and indoor use only.

Clean the cover only with a dry cloth if needed.

Do not disassemble the product, as it contains dedicated fine-tuned component

SPECIFICATIONS



Length: 480 mm

Width: 270 mm

Height: 145 mm

Weight: 1.46 kg

Cover materials: artificial suede (50 % polyurethane, 50 % nylon) and authentic leather

Battery: Lithium Polymer 3.7 V, 5.5 Wh

Play time: up to 8 hours with full battery in normal sound content and level

Frequency range: 15 Hz to 20 kHz

Bluetooth: 4.2, A2DP audio protocol; connection distance of 10m

AUX: 3.5 mm socket for stereo line in

Operation ambient temperature: 0 °C to 35 °C, non-condensing

Certificates: CCC, CE and FCC

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Recycle this device at an appointed disposal location for electronics and Lithium-ion batteries.

HUMU LED LIGHT INDICATORS

Led indicators	HUMU status	Note
Power LED blinking slowly	Power on, Bluetooth connected	Normal use
Blue and white LED blinking	Bluetooth seeking host device	HUMU needs to be connected with either Bluetooth or an AUX cable.
Blue and orange LED blinking	Low battery	You can continue to use HUMU but it needs to be charged soon.
Orange LED on	Charging	You can use HUMU while charging, however, this will lengthen the charging time. For faster charging, turn HUMU off.
White LED on	AUX cable connected	Bluetooth is OFF and audio is received through the AUX input.

TROUBLESHOOTING

HUMU is...	Check that...	Try doing
not turning on.	HUMU is charged	Connect charger to AC voltage and HUMU micro USB port; see orange led.
	You do not press the Power button only briefly	Press the Power button steadily for 1 - 2 seconds.
Having faint or no sound	Host device volume is not muted	Increase volume.
	Host device has Bluetooth audio connection to HUMU	Check that host device is connected to "Flexound Xperience". Reconnect host device to HUMU.
not creating a soundwave vibration.	[Not all audio signals (or music) have sufficiently low frequencies to cause vibrations.]	increasing volume, since the sense of touch will not pick up sounds at a very low volume – or try changing the music.
switching off, not producing sound or vibration although the Power LED is on.	your host device output to AUX input does not exceed 2 V	connecting the USB charging cable to the USB connector for 2 seconds to reset overcurrent protection.

HUMU is...	Check that...	Try doing
Not connecting to host device	Host device has Bluetooth audio connection to your HUMU, and not to some other device.	Switch host device Bluetooth on and off. Select "Flexound Xperience" as audio device.
	If another host device has been paired with HUMU.	<p>Sometimes your (another) host device is in idle mode, but still has Bluetooth on and active. Switch off the other host device Bluetooth. If necessary, remove pairing of HUMU from that device.</p> <p>Force HUMU to pair again with your active host device. Press power button for 3 seconds continuously, and see white led flashing twice and hear an indicator sound. Then try to pair with HUMU again.</p>
	Several devices have been paired with HUMU (HUMU can remember up to eight host devices).	<p>Sometimes your (another) host device is in idle mode, but still has Bluetooth on and active. This keeps it paired with HUMU unintentionally, and prevents HUMU to be connected with your active host device.</p> <p>Clear Bluetooth list from HUMU by pressing power button for more than 8 seconds, and see white led flashing four times and hear and feel an indicator sound.</p>

WARRANTY

Flexound Systems Ltd. warrants the product against evident defects in material and workmanship for a period of one year from the date of original purchase for use. This warranty does not cover electrical or mechanical damage resulting from misuse or abuse, lack of reasonable care, damage due to force majeure or natural forces, or inadequate repairs performed by unauthorized service centers. Batteries and wear of parts due to normal use are not covered by this warranty.

Shipment of the defected item for repair under this warranty will be at the customer's own risk and expense.

This warranty is valid for the original purchaser as the final user only.



Thank you so much for your purchase!
Let's start feeling music!

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For further instruction, see www.humu.fi or www.flexound.com
Tech support contact humu@flexound.com
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