

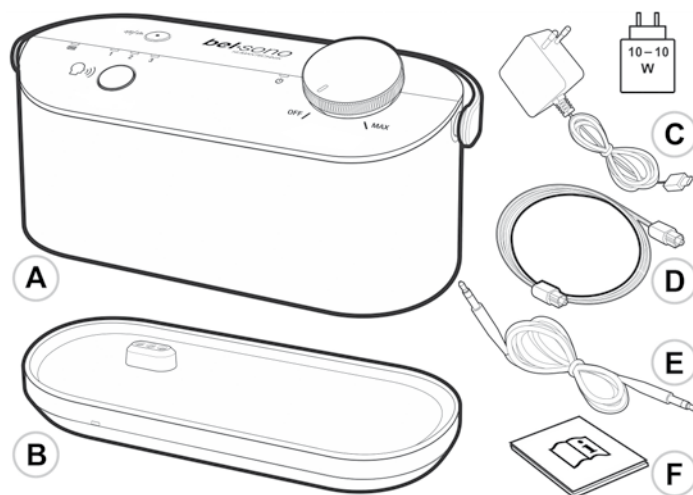
bel·sono

PortableTV Speaker with voice enhancement



Please refer to our website: www.humantechnik.com for the latest version of this manual, as there may be important updates and changes you need to be aware of.

Package contents



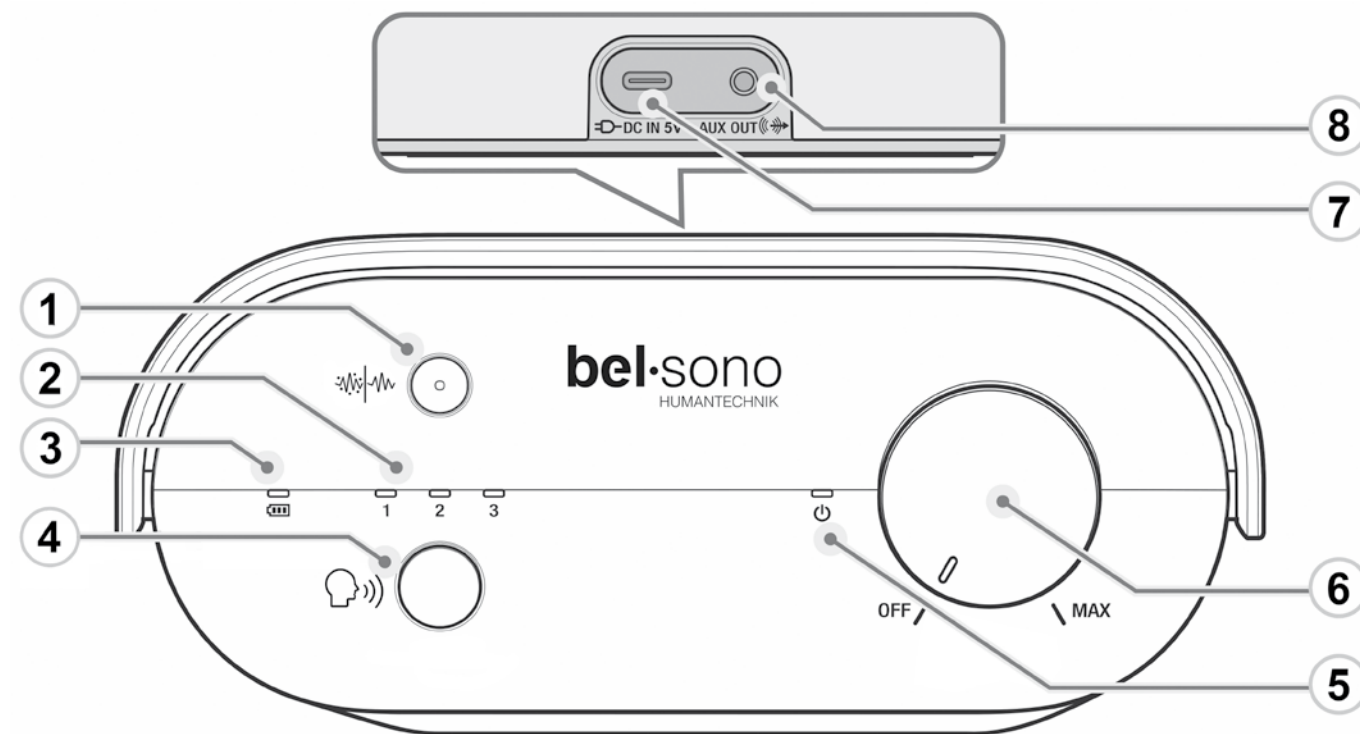
- A. TV speaker
B. Base station (transmitting / charging station)
C. USB type C power adapter
D. Optical audio cable (Toslink 48 kHz 16 bit PCM)
E. 3.5mm audio cable
F. User's manual

Overview - TV speaker and base

TV speaker overview

- Noise cancellation** key  with indicator
 - Press to reduce background noises. The blue indicator light will turn on.
 - Press again to turn off. The indicator light will go out.

1

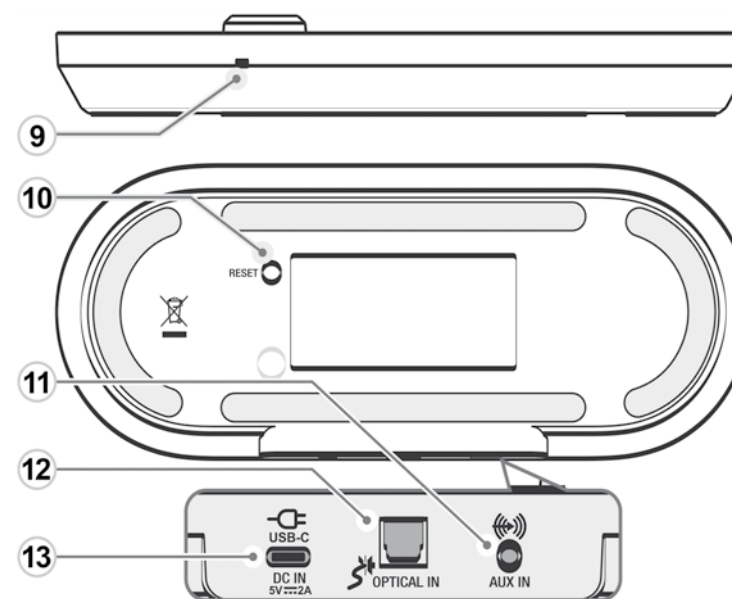


- 1 / 2 / 3** (Voice enhancement indicator)
 - On when voice enhancement level 1, 2 or 3 is selected.
-  (Battery level indicator)
 - Amber** during charging.
 - Green** when the battery is fully charged.
 - Red** when battery level is low and needs charging.
 - Off** when battery is empty or when the TV speaker is not connected to power supply.
- Voice enhancement** key 
 - Press to toggle among the 3 levels of voice enhancement or turn it off.
-  (Power and connection indicator)
 - On when the TV speaker is powered on.
 - Flashes green rapidly when pairing to the base.
 - Flashes green slowly when out of range from the base.
- OFF / MAX** knob (On / Off / Volume knob)
 - Turn clockwise to turn on the TV speaker and to increase the TV speaker volume.
 - Turn anticlockwise to turn down the volume or turn off the TV speaker.
- DC IN** (USB-C power jack)
 - Connect to power with the supplied USB-C cable.
- AUX OUT** (3.5mm audio output jack)
 - Connect to headphones.

Base overview

- Power and connection indicator**
 - Steady white when the base is paired to the TV speaker.
 - Flashes white rapidly when pairing.
 - Flashes white slowly when the TV speaker is not paired to the base.
 - Dims when the base is in power saving mode.

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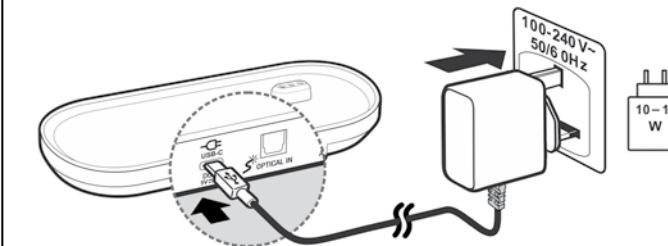
- RESET** key
 - Resets the TV speaker to its factory default settings.
-  **AUX IN** (3.5mm audio input jack)
 - Connect the supplied audio cable to AUX IN on the base and your TV 3.5mm audio out.
-  **OPTICAL IN**
 - Connect the supplied optical cable to the OPTICAL IN on the base and your TV optical audio out.
-  **DC IN** (USB-C power jack)
 - Connect to the supplied power adaptor with the supplied USB-C cable.

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Installation and battery charging

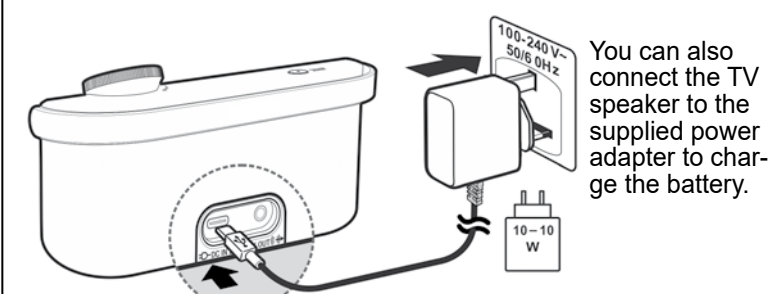
Place the base on a flat, stable surface near your TV. Fully charge your TV speaker before using it for the first time.
NOTE: The battery is fully charged after 4 hours of continuous charging.

Connect the base to the power supply



- Connect the supplied USB-C charging cable to supplied power adaptor and the DC-IN USB-C jack on the base. Plug the power adaptor in to a nearby switched electrical main outlet socket.
- Place the TV speaker onto the base to charge the battery.

Connecting the TV speaker to the power supply



You can also connect the TV speaker to the supplied power adaptor to charge the battery.

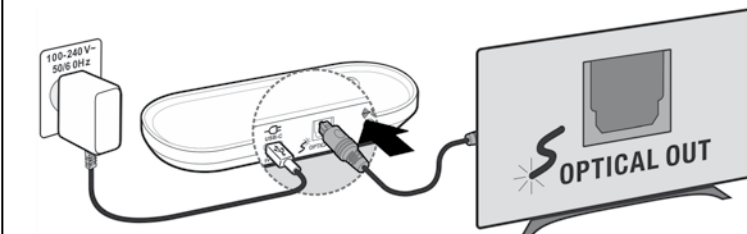
Battery level indicator

-  **Amber** Charging
 **Green** Fully charged
 **Red** Low battery (less than 20%)

Setup

The *bel·sono* TV speaker offers noise cancellation to reduce ambient background sounds on TV programs and voice enhancement for clearer speech. There are two ways to connect the speaker to your TV: Optical Audio and 3.5mm Audio cable.

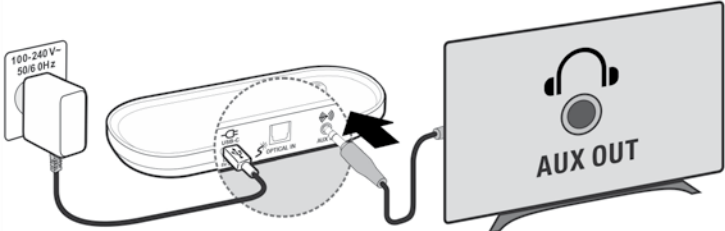
Connect to the TV with optical audio cable



- Carefully remove the protective covers at each end of the OPTICAL audio cable.
- Plug one end of the cable to the base and the other to the OPTICAL OUT on your TV. Firmly plug in the connectors until they lock into place.
- Change your TV digital audio setting to PCM output. If the audio is not set to PCM, you may not hear any sound. For information on how to set the digital audio output to PCM, refer to the operation manual of your TV.

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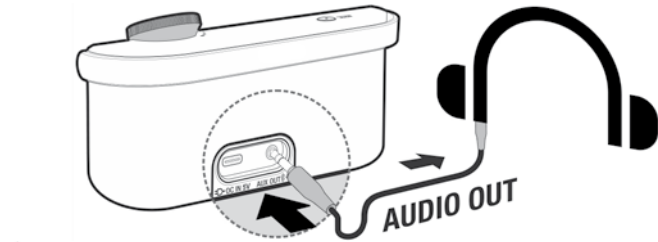
Connect to the TV with 3.5mm audio cable



Connect one end of the 3.5mm audio cable to AUX IN on the base and to the other to your TV's audio output (AUX OUT or headphones jack). Firmly plug in the connector.

Note: Refer to the operation manual of your TV for more information on audio output connection and the necessary changes to the TV audio settings.

Listen with headphones



- HEARING SAFETY CAUTION:**
- Before you use headphones, decrease the TV speaker volume to protect your hearing from sudden loud sound.
 - Loud sound may damage your hearing. If the speaker is too loud, set the volume to a lower level.

Operation

Listen to TV audio



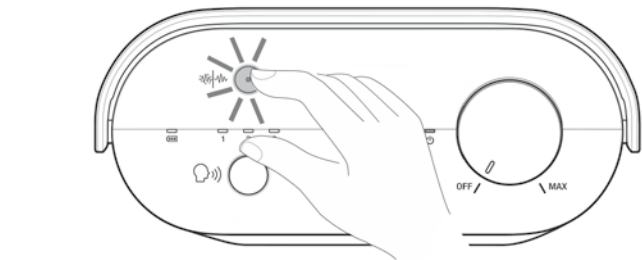
- To turn on TV speaker, rotate the On / Off / Volume knob clockwise from the OFF position until you hear a click. The power indicator lights up.
- To turn off TV speaker, rotate the On / Off / Volume knob anticlockwise toward the OFF position until you hear a click. The power indicator goes out.

Volume

To increase the volume, rotate the On / Off / Volume knob clockwise. To reduce the volume turn it anticlockwise.

- **MAX** position is the highest volume setting.

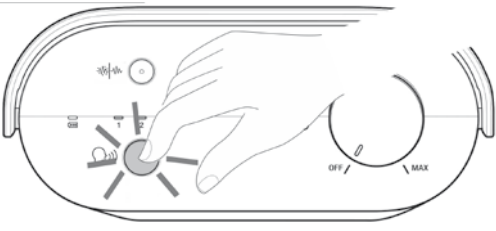
Noise cancellation



Press the noise cancellation key to reduce background noise on TV programs.

Voice enhancement

You can select from 3 levels of voice enhancement to improve the clarity of speech on TV programs.



- Press the voice enhancement key to toggle between the 3 levels or to turn it off. The respective indicators 1, 2 or 3 light up when selected.
 - **TIP:** We recommend that you sample each level and select the one that is clearest.
- NOTE :** The TV speaker is suitable for people with mild to moderate hearing loss. The general audio quality may change when the voice enhancement feature is on.

Pairing / Reset

Reset a TV speaker

- Unplug the power supply from the base.
- If your TV speaker does not have a connection to the base, press NOISE CANCELLATION key for 5 seconds until the power indicator on the TV speaker turns off. After some seconds, all the LEDS (1-2-3 and ON/OFF) start to blink.

Pair a TV speaker to the base

Your TV speaker is already paired to the base. If you have unpaired the TV speaker or have purchased a further TV speaker, pair it to the base as follows. You can pair up to 4 TV speakers to the base. Switch the speaker on and place it on the base. The pairing is automatic.

- When pairing, the power indicator on the TV speaker flashes green rapidly.
- When paired, you hear a beep sound and both the power indicator and the power and connection indicator on the TV speaker are steadily lit.

Troubleshooting

If you have difficulties with your TV speaker, please try the suggestions below.

The TV speaker does not play the audio.

- The battery level may be low. Fully charge the battery.
- Make sure that 3.5mm the audio cable or the optical cable is firmly connected to the base and the TV.
- Make sure the TV speaker is paired to the base. If necessary, reset the TV speaker following the steps in "Reset a TV speaker" section.
- The TV speaker may be too far from the base (out of range). Move the TV speaker closer to the base.

The TV audio fails frequently.

- Devices, such as smart phones, Wi-Fi and microwave ovens may cause interference to your TV speaker. Try placing your TV speaker as far away as possible from these devices.

There is interference when listening to TV audio.

- The 3.5 mm audio cable may not be connected correctly. Firmly connect the audio cable to the TV and the base.

Important safety instructions

Normal operating temperature for the product (e.g. 0°C~40°C). Use only the adapters and battery listed below.

Power adapter information: output: 5V DC 2A, 10W.
VTPL Model: VT07EEU05200 (EU), VT07EUK05200 (UK).

Rechargeable Battery: high output, Model: INR21700-5000. 3.6V, 5000mAh Li-ion, 18Wh.

Note on rechargeable Lithium-Ion batteries

This device uses a rechargeable lithium-ion battery. Misuse or improper use can result in battery damage! In extreme cases, there is a risk of explosion, fire, or the development of heat, smoke or gases.

- Rechargeable batteries must not be exposed to excessive heat such as sunlight, fire or the like.
- Do not touch the battery with your bare hands if it leaks or has been damaged. Leaking liquid can cause skin irritation and other injuries.
- If you do not use the device for a longer period of time, charge it every six months to maintain the integrated rechargeable battery in good condition.
- Do not remove the rechargeable battery in the charged state from the device. Do not short-circuit it, dismantle it or deform it.
- If the device is obviously faulty, do not recharge the battery. Terminate the charging process if the device becomes excessively hot.
- Observe the warranty and disposal instructions.

Safe removal and disposal of the rechargeable battery from the TV speaker

This device uses a lithium-ion battery that has to be disconnected from the obsolete product to ensure proper recycling of materials. **Warning:** Only remove the rechargeable battery for disposal of the device. Make sure that the battery is completely discharged before removing it. We strongly recommend you get help from a qualified electrician to remove the battery.

- You need a Phillips screwdriver and a flathead screwdriver to remove the rechargeable battery. Observe the basic safety procedures when performing the steps listed below.
- Protect your eyes, hands and fingers and the surface on which you are working. Pay attention to breaking or flying parts when removing the battery - risk of injury.
- Wear protective goggles.

1. To completely discharge the battery, remove the TV speaker from the base. Switch the TV Speaker on and let it run until it enters standby. Repeat this process until you can no longer switch the TV Speaker back on.
2. Take a flathead screwdriver and remove the speaker cover on the back by pushing the screwdriver between the surrounding rubber covering and the fabric-covered speaker cover.
3. Undo the eight screws of the battery compartment with a screwdriver. Then push the screwdriver away from the housing to detach the speaker cover. You might have to repeat this process on several sides to detach the cover.
4. Disconnect plug connections of the electronic card.
5. Carefully pull the battery out of the housing by the plug connection cable.
6. The rechargeable battery and the remainder of the product can now be recycled and properly disposed of.

Disposing of used disposable and rechargeable batteries

Make sure that disposable and rechargeable batteries are properly disposed of. Dispose of the product by taking it to a suitable collection site for the recycling of electrical and electronic devices.

General product care

To keep your TV speaker working well and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).

- Do not expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft cloth.
- Only use a lightly damp cloth to clean the product. Do not use any cleaning agents.
- Retain the original packaging in case you need to ship it at a later date.

Technical Specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	1.88 GHz to 1.9 GHz
Channels	10
Nominal effective range	Actual operating range may vary according to environment conditions at the time of use.
Power requirement	3.7V Rechargeable Li-ion battery. Input 100-240V AC 50/60Hz Output 5V DC 2.0A, 10.0W
RF power	< 250 mW
Power consumption	Base power consumption: Off mode:<1.5 W Network standby mode:<2 W

Warranty

From the moment your Humantechnik *bel-sono* is purchased, warranty is given for the period of two years. During this time, all repairs or replacements (at our discretion) are free of charge. Should you experience a problem, then contact our help line or visit our website at www.humantechnik.com.

The guarantee does not cover accidents, negligence or breakages to any parts. The product must not be tampered with or taken apart by anyone who is not an authorized Humantechnik representative.

The Humantechnik warranty limits your legal rights in no way.

IMPORTANT: Your receipt is part of the warranty and must be retained and produced in the event of a warranty claim.

Please note: The warranty applies to the United Kingdom only.

Declarations

CE & UKCA Directives

The Humantechnik GmbH hereby declares that this *bel-sono* is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/UE. The CE & UKCA declaration of conformity may be obtained at www.humantechnik.com

Recycling Directives

The WEEE (Waste Electrical and Electronic Equipment) has been put in place for the products at the end of their useful life are recycled in the best way.

When this product is finished with, please do not put it in your domestic waste bin. Please use one of the following disposal options:

- Remove the batteries and deposit them in an appropriate WEEE skip. Deposit the product in an appropriate WEEE skip.
- Or, hand the old product to the retailer. If you purchase a new one, they should accept it.

Thus if you respect these instructions you ensure human health and environmental protection.



For support and help visit our website at www.humantechnik.com
E-mail : info@humantechnik.com • Tel. +49 (0)7621 956 89 0
Service times: 9:00h-16:30h from Monday to Friday.
Humantechnik GmbH - Im Woerth 25 - 79576 Weil am Rhein