

Clear and secure communication despite protective measures: The VoiceBridge is the fully automatic intercom system for easy retrofitting.

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A history of success April 2020 Idea and start of development May 2020 Pre-marketing starts **June** 2020 All units sold out within shortest time **July 2020** Several hundred units on the market August 2020 Development and testing of new Bluetooth-sets September 2020 Continuous production of new units; several thousand units on the market October 2020 Pre-sales of new Bluetooth-sets November 2020 Launch of new Bluetooth-sets December 2020 Further development of the VoiceBridge February 2021 Launch VoiceBridge Standard 2nd Generation www.voice-bridge.com/en

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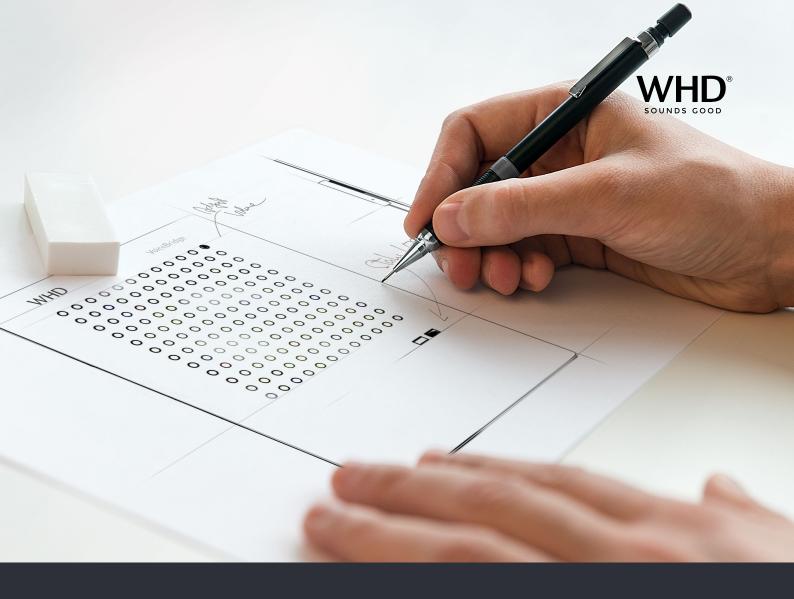
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Happy customers, Smooth workflows

The VoiceBridge helps companies to keep communication at cash registers and information desks clear and understandable even with protective measures, safety distance, hygienic walls and protective masks. Retailers stand out from the competition in terms of advice, service and security.



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Overview







VoiceBridge

Standard 2nd Generation

The complete set "Standard" is particularly useful for workplaces where the staff is standing or sitting permanently in one place and does not move away from the microphone unit.

SKU	111-020-04-202-02
RRP excl. VAT	193,20€

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VoiceBridge

Bluetooth

The mobile version: Thanks to Bluetooth, employees can move within a radius of 5-10 meters from the call station without losing contact with the customer.

SKU	111-020-04-300-00
RRP excl. VAT	167,98 €

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VoiceBridge

Standard & Bluetooth

Always on the safe side: If the Bluetooth headset is temporarily switched off, the VoiceBridge station attached to the protective wall automatically takes over.

SKU	111-020-03-200-00
RRP excl. VAT	241,29 €

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Accessories



Bluetooth-Headset

For use in combination with VoiceBridge Bluetooth-sets.

SKU	111-020-04-700-00
RRP excl. VAT	34.40 €

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Voice-Bridge Battery

For use with all VoiceBridge sets unable to use regular power supplies.

SKU	101-600-00-200-10
RRP excl. VAT	68,88 €
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- ✓ No more speech delay thanks to ultra-fast processor
- ✓ Increased speech intelligibility thanks to two digital microphones
- ✓ Improved noise cancellation algorithm
- ✓ New loudspeaker for even more natural sound
- ✓ Simple start-up, thousands of times in use



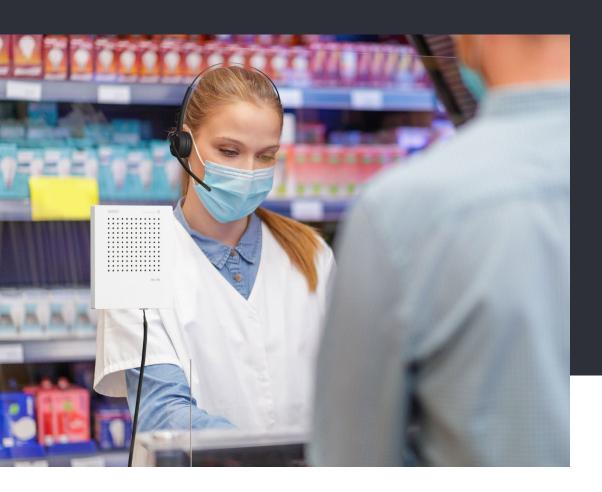


Video: The VoiceBridge 2.0 voice-bridge.com/en



Email: info@whd.de





Why we developed the VoiceBridge

Hygiene protection measures often have a strong impact on communication with customers - ambient noise is an additional disturbance.

The VoiceBridge intercom system enables clear and safe communication again - without speaking loudly, preventing or bypassing the protective wall. The VoiceBridge can be quickly and easily attached to any hygiene protection wall.



Protection

Reduced risk of infection through droplet infection. Neither physical approach nor louder speaking is necessary.



Simple

The fully automatic intercom system for easy retrofitting - not only in times of SARS-CoV-2.



Frustration-free

The new communication situation is no longer exhausting, less frustration on both sides.



Clever

Employees and customers communicate effortlessly, clearly and securely - even with mouth protection and in the case of strong background noise thanks to integrated AEC and NR technology.



Speech clarity

Enables consultation and communication under protective measures.



Start

No complex installation, integration into other systems and networks necessary. Attach, plug in, speak!



Already in use a thousand times since the outbreak of the pandemic

Consultation and communication made easy: The VoiceBridge is a new, hygienic, safe and flexible solution especially for acrylic glass walls and cabins in pharmacies, medical practices, stores and supermarkets as well as for visitor booths in nursing homes.

In order to make communication as easy to understand as possible in any environment despite protective masks, safety distance and protective walls, we have equipped the VoiceBridge with the latest technology.



Automatic Calibration

At start-up, the VoiceBridge automatically measures itself to the respective environment for 5-10 seconds. Echoes and feedback should no longer occur afterwards.



Digital

Because the VoiceBridge has been digitally designed from the start, it is possible to further improve the sound quality with DSP settings and algorithms.



Duplex

When developing the VoiceBridge, it was important that it works in duplex mode. This means that you can speak and listen at the same time.



Bluetooth

Employees move freely within a radius of 5-10 meters around the intercom station without losing contact with the customer.



Microphone

Suitable for larger talking distances. No need to approach or speak extra loudly.



Noise Reduction

Reduces ambient noises.



Infrared sensors

Automatically detects when a customer is present. Hygienic handling, without pressing any buttons.



Acoustic Echo Cancellation

Avoids disturbing echoes.

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- No more speech delay thanks to ultra-fast processor
- Increased speech intelligibility thanks to two digital microphones
- Improved noise cancellation
- New loudspeaker for even more natural sound
- Simple start-up, thousands of times in use



The complete set "Standard" is especially designed for workplaces where staff is standing or sitting mostly in one place and does not move away from the intercom unit.

NEW!

VoiceBridge Set: Standard 2nd Generation

Clear speech clarity despite protective measures

To make communication as understandable as possible in any environment despite protective masks, safety distance and protective walls, we have equipped the VoiceBridge with the latest technology.



Microphone

Suitable for larger talking distances. No need to approach or speak extra loudly.



Infrared sensors

Automatically detects when a customer is present. Hygienic handling, without pressing any buttons.



Noise Reduction

Reduces ambient noises.



Acoustic Echo Cancellation Avoids disturbing echoes.

VoiceBridge Set: Standard 2nd Generation

SKU	111-020-04-202-02
RRP excl. VAT	193,20 €

- Contactless: infrared sensors detect whether a person is standing in front of the device
- ✓ Retrofit: No integration into existing systems or networks required

Q, ON/OFF

- Hygiene: Device simply with surface cleaner cleaning
- Volume: Easy to adjust
- No extensive training of personnel necessary

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Set: Standard 2nd Generation

Introduction and setup

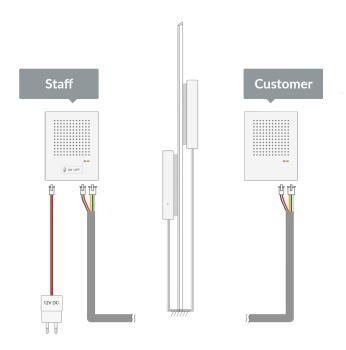
- Attach the units to the hygiene panel using the supplied double-sided adhesive tape and connect them with the supplied cable.
- 2. Plug in power supply unit.
- 3. Communicate clearly and effortlessly.

feedback should no longer

Find more tips and help topics in our FAQ on page 26.

occur afterwards.





Set: Standard 2nd Generation

Technical Information:

Activation / Deactivation via infrared

Microphones: 2 digital microphones (beamforming) incl. AEC-Technology (Acoustic Echo Cancellation) and NR-Technology

(Noise Reduction)

Cables: Length of connection cable: 1m

Lenght power supply cable: 2m

Size: 86 × 111 × 18mm

Weight: Weight per Unit: 160 g Weight per set incl. packaging: 520 g

Operating voltage: 12VDC

Further connections/interfaces: for supplied system cable

Material: Plastic

Color: white

Accessories: Battery (p. 21), Connection cable: 2m or 5m long



Complete set "Standard" consisting of:

- 1 × intercom unit for customer
- 1 × intercom unit for staff
- 1 × power supply unit
- incl. cable (connecting cable: 1m, power cable: 2m)
- incl. double-sided adhesive tape

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With the all-inclusive set "Bluetooth", employees can move within a radius of 5-10 meters from the intercom unit without losing contact with the customer. If two intercom units cannot be connected because of a completely closed protective wall by cable, the Bluetooth option is also the ideal solution!

VoiceBridge





Maximum freedom of movement with ideal speech clarity

Staff normally continues to consult customers: the Bluetooth intercom unit can now be connected with a Bluetooth headset (included in the set). This way staff never loses contact to the customer

The Bluetooth headset also works in combination with a protective visor and mouthguard and can also simply be muted.



Microphone

Suitable for larger talking distances. No need to approach or speak extra loudly.



Infrared sensors

Automatically detects when a customer is present. Hygienic handling, without pressing any buttons.



Noise Reduction

Reduces ambient noises.



Acoustic Echo Cancellation Avoids disturbing echoes.

VoiceBridge Set: Bluetooth

SKU 111-020-04-300-00

RRP excl. VAT: 167,98 €



- ✓ Automatically connected: Headset is paired with intercom unit at delivery and is extensible to up to 8 headsets
- ✓ Radius: Stay in contact with the customer within a radius of 5-10 meters
- ✓ Hygiene: Simply clean the device and headset with surface cleaner or order additional hygiene covers for the headset
- ✓ Freedom of movement: Ideal for work situations with frequent movements
- ✓ No extensive training of personnel necessary

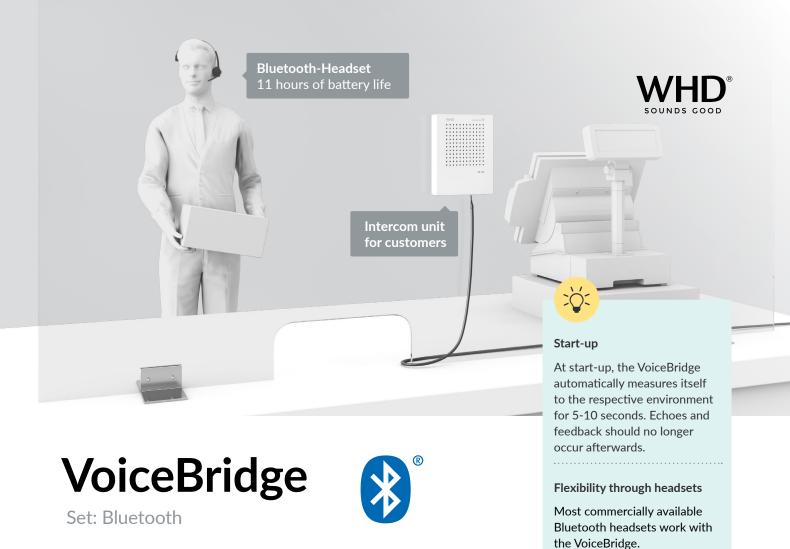
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Introduction and setup



- Attach the customer intercom unit to the hygiene wall using the double-sided adhesive tape supplied and plug in the power supply unit.
- 2. Switch on the headset and put it on.
- 3. Communicate clearly and effortlessly.



Freedom to move around the intercom unit (5-10 m)

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Technical Information:

Activation / Deactivation via infrared

Microphones: Incl. AEC-Technology (Acoustic Echo Cancellation)

and NR-Technology (Noise Reduction)

Cables: Lenght power supply cable: 2m

Size: 86 × 111 × 18mm

Weight: Weight per Unit: 160 g Weight per set incl. packaging: 300 g

Operating voltage: 12VDC

Further connections/interfaces:

Bluetooth Version V5.0, Class II

Material: Plastic

Color: white

Accessories: Battery (p. 21), Hygiene cover



Complete set "Bluetooth" consisting of:

- 1 × intercom unit for customer
- 1 × onear headset for personal (Bluetooth)
- 1 × power supply unit
- incl. necessary cables
- incl. double-sided adhesive tape



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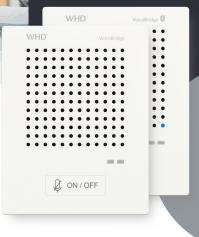
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The complete set consisting of two intercom units and additional Bluetooth headset is clever and secures personnel and customers twice: If the battery of the headset is empty, the VoiceBridge station attached to the protective wall automatically takes over.







VoiceBridge

Set: Standard & Bluetooth

Freedom of movement and safety in continuous use

The all-inclusive set with Bluetooth headset is particularly useful when seamless operation must be guaranteed and staff moves within a radius of 5-10 meters around the intercom units. A further advantage of this set: as soon as the headset is out of range or out of battery, the call station is automatically activated and taking over.

The Bluetooth headset is also functioning with protective visor and mouthguard. The headset can simply be muted with a double tap.





Microphone

Suitable for larger talking distances. No need to approach or speak extra loudly.



Infrared sensors

Automatically detects when a customer is present. Hygienic handling, without pressing any buttons.



Noise Reduction

Reduces ambient noises.

AEC

Acoustic Echo Cancellation Avoids disturbing echoes. 111-020-03-200-00

RRP excl. VAT

241,29€

Simple and safe - thanks to innovation

- ✓ Automatically connected: Headset with Intercom unit paired at delivery and extensible to up to 8 headsets
- ✓ Radius: Stay in contact with the customer within a radius of 5-10 meters
- Hygiene: Simply clean the device and headset with surface cleaner or order additional hygiene covers for the headset.
- Automatic: staff unit is activated as soon as headset is empty, out of range or turned off
- ✓ No extensive training of personnel necessary

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Introduction and setup

Seamless communication

If the headset is switched off, the VoiceBridge unit is automatically activated and takes over.

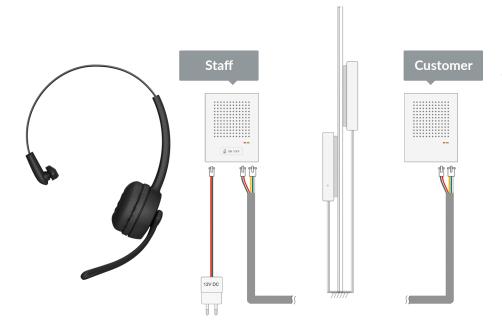
Flexibility through headsets

The supplied headset is automatically paired with the intercom unit.

- Attach the units to the hygiene wall using the supplied double-sided adhesive tape and connect them using the supplied cable.
- 2. Plug in the power supply and put the headset into operation.
- 3. Communicate clearly and effortlessly.

Email: info@whd.de









Technical Information:

Activation / Deactivation via infrared

Microphones: Incl. AEC-Technology (Acoustic Echo Cancellation)

and NR-Technology (Noise Reduction)

Cables: Length of connection cable: 1m

Lenght power supply cable: 2m

Size: 86 × 111 × 18mm

Weight: Weight per Unit: 160 g

Weight per set incl. packaging: 600 g

Operating voltage: 12VDC

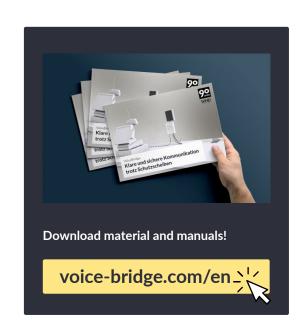
Further connections/interfaces:

for supplied system cable

Material: Plastic

Color: white

Accessories: Battery (p. 21); Connection cable: 2m or 5m long



Complete Set "Standard & Bluetooth" consisting of:

- 1 × intercom unit for customer
- 1 × intercom unit for staff
- 1 × onear headset for personal (Bluetooth)
- 1 × power supply unit
- 2 × hygienic-Covers (Headset)
- incl. necessary cables
- incl. double-sided adhesive tape

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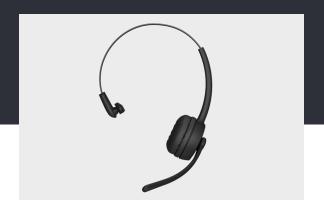






Accessories

Helpful extensions for the VoiceBridge





Bluetooth-Headset

The Bluetooth headset works in combination with the VoiceBridge Bluetooth sets (see p. 14 and 17).

- Convenient on-ear headset
- Headband microphone
- Range: 5-10 meters
- incl. USB charging cable (charging time: 2 hours)
- Battery life in continuous operation: approx. 11 hours

Battery

It is not always possible to connect the VoiceBridge to an electrical outlet with a power cord. Therefore we provide a suitable battery.

- 12V
- incl. charger
- incl. cable
- Battery life: up to 48 hours in continuous operation

SKU	111-020-04-700-00	SKU
RRP excl. VAT	34,40 €	RRP e

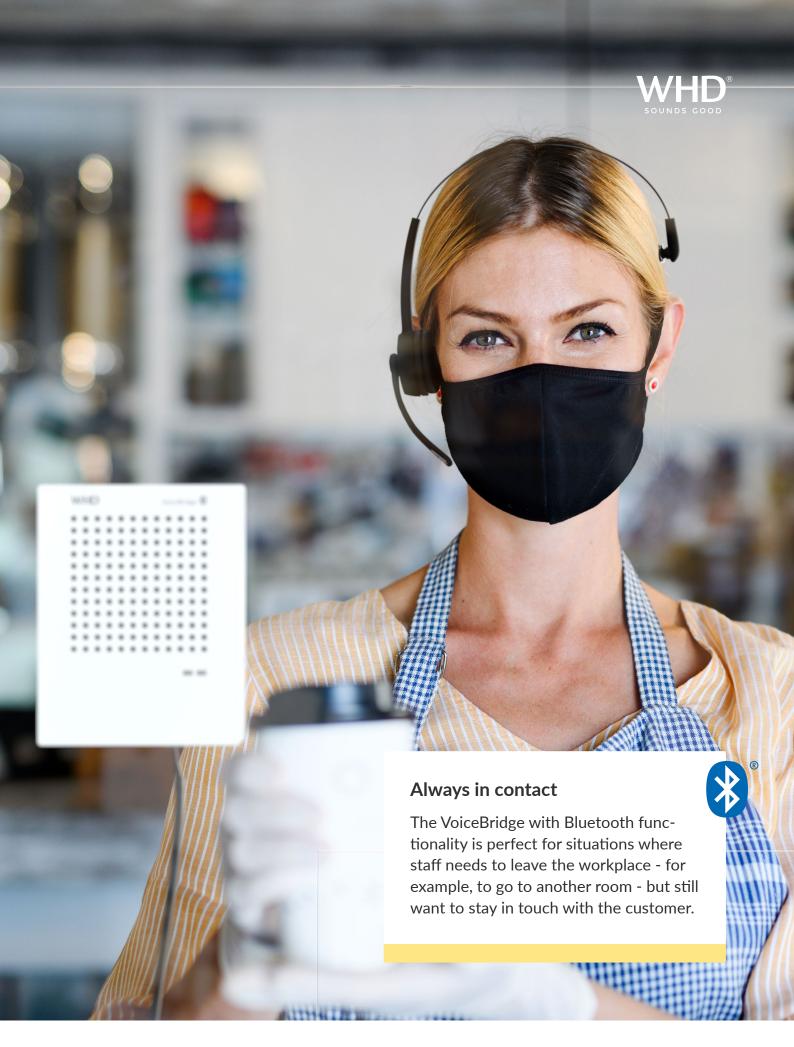
SKU	101-600-00-200-10
RRP excl. VAT	68,88 €

More accessories

Talk to us!

- → Extra-hygiene: protective covers for the headset available!
- → Cables: lengths 1 m, 2 m and 5 m available!









Shortly after the outbreak of the Corona pandemic, we were made aware of the numerous communication problems caused by the newly established protective measures. With the VoiceBridge, we are contributing to the adequate protection of staff, customers and patients and reducing frustration.

Stefan Huber, Managing Director WHD

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Ordering the VoiceBridge

1.

2.

3.

Online

Visit us online and order easily and securely around the clock.

Phone

Call us and order by phone. We look forward to your call!

Email

Write us an email and we will be happy to answer your inquiry.



www.voice-bridge.com/en



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info@whd.de



Attractive volume discounts from 50, 100, 250 and 500 pieces



Shipping worldwide



Free delivery within Germany



Money-back guarantee: Take your time and test the VoiceBridge



Many payment options available

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FAQ



Frequently asked questions

We have thought of everything to make it easy for you

Start-up

At start-up, the VoiceBridge automatically adjusts to the respective environment for 5-10 seconds. Echoes and feedback should no longer occur afterwards.

Mounting -How do I attach the VoiceBridge?

The VoiceBridge is equipped with a highly adhesive mirror tape. Therefore, please test the best position before you attach the two microphone units.

Positioning - Where do I attach the VoiceBridge?

Mount the VoiceBridge at head height: The clarity is better the closer staff or customers are to the microphone. If the speaker is standing, the VoiceBridge should be placed higher than if the speaker is sitting. The microphones are located on the bottom right, which is why the attachment slightly left of the head is recommended.

How long does the battery of the Bluetooth headset last?

The battery life is about 11 hours in continuous operation. The standby time is about 60 hours and the headset will be fully charged via USB cable in about 2 hours.

Why do I need a battery for operating the VoiceBridge?

It is not always possible to plug in an intercom unit into a power outlet. This might be the case with mobile information desks or when safety regulations prohibit cable routing to an electrical outlet for safety reasons.

How can I test the VoiceBridge?

Please note that the intercom system is only activated by infrared sensors if someone appears within a distance of about 80 cm in front of it. If you have installed the VoiceBridge and would like to test it, please make sure that there is also someone on the opposite side.

When is the set with Bluetooth headset recommended?

Whenever staff walks around, picks up things from shelves or the workplace situation requires a bigger range of motion: The headset remains connected to the customer's intercom within a radius of 5-10 meters. But the setup with Bluetooth headset also makes sense - for example - if no cable can be routed between the customer call station and the staff call station. This is often the case with permanently installed protective screens or completely closed information desks.

Operation - What to do if I hear echoes?

Turn down the VoiceBridge: Echoes are typically caused by reflections and radiation from loudspeakers into microphones. To maintain the impression of a natural conversation and to avoid echoes and feedback the VoiceBridge should always be operated as quietly as possible.

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Frequently asked questions

We have thought of everything to make it easy for you

Operation - Why do the units whistle (feedback)?

Reduce the volume with the supplied mini cross-head screwdriver as listed in the operating instructions. If possible, position the microphone units further apart.

Can I connect any headset?

The VoiceBridge supports most commercially available Bluetooth headsets. The headsets included in the set are already paired with the unit ex works.

How many headsets can I use in one station?

If every staff member would like to have his own headset, up to 8 headsets can be paired per Bluetooth intercom unit.

How do I switch between the intercom unit and the headset?

The VoiceBridge does this automatically. As soon as the headset is off or out of range, the voice station is activated. This only applies to the "Standard & Bluetooth" set

How do I clean the VoiceBridge?

You can easily clean the VoiceBridge with a surface cleaner and a cloth. The same applies to the headsets.

Are there hygienic covers available for the headsets?

Yes, we also offer hygienic covers for the headset, just ask us about it!

I cannot run any cables.

In this case, use our battery in combination with the Bluetooth set. This way you do not have to run any cables.

How can I pair another headset?

Simply press and hold the Bluetooth pairing button (see operating instructions).

How can I regulate the volume of the intercom?

You can adjust the volume very easily with an integrated volume control regulator. You will find detailed information on this in the respective operating manual.

Questions?

Please contact our support - we are ready to help:



support@whd.de



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Why does my headset not connect to the intercom unit?

Probably because another headset is still connected to the Bluetooth unit (see status messages in the operating instructions). Pair your headset again if necessary.

How can I mute the microphone of the headset?

Simply double tap the key on the headset. For confirmation a sound signal will give you feedback. The microphone can also be reactivated similarly.

How can I adjust the volume on the headset?

There are two buttons (+/-) directly on the headset.

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More than 90 years of expertise are invested in the VoiceBridge

WHD is a family owned business with a 90-year tradition and the know-how from thousands of projects for major clients around the world. Our audio systems ensure good sound, safety and optimal speech clarity in buses and trains, at pedestrian crossings and in medical devices.









We are looking forward to answer your questions about the VoiceBridge!

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