



Jabra^{GN}

Jabra SafeTone™

Ensuring hearing safety and well-being for headset users



Jabra SafeTone™ - Noise protection

At Jabra, we are committed to making life sound better but are also dedicated to ensuring that our users are offered the highest level of hearing protection.

Headsets are designed not only for sound quality and comfort, but also to protect the hearing of those who use them. This white paper discusses the sound challenges faced by headset users; the various standards and regulations that apply; and the protection offered by Jabra headsets, audio enhancers, USB adapters and other solutions with built-in SafeTone protection.

Noise protection

People using headsets for many hours each day face two potential hazards:

Sudden loud sounds

Sudden, very loud sounds from the headset can be caused by disruptions in the telephone and communication network. Using a headset that lacks appropriate hearing protection leaves users vulnerable to acoustic shock; this can be very disturbing and can even affect their hearing.

High average noise level

Contact center and office headset users particularly may experience volume levels when on calls that are too high over the course of a working day, and can suffer fatigue and stress as a result. This can impact productivity and engagement.

All Jabra products meet legal requirements

All Jabra headsets for consumer or enterprise use meet legal requirements from national authorities and health authorities, as well as recommendations from telecommunications specialists related to harmful sound spikes and maximum acoustic output.

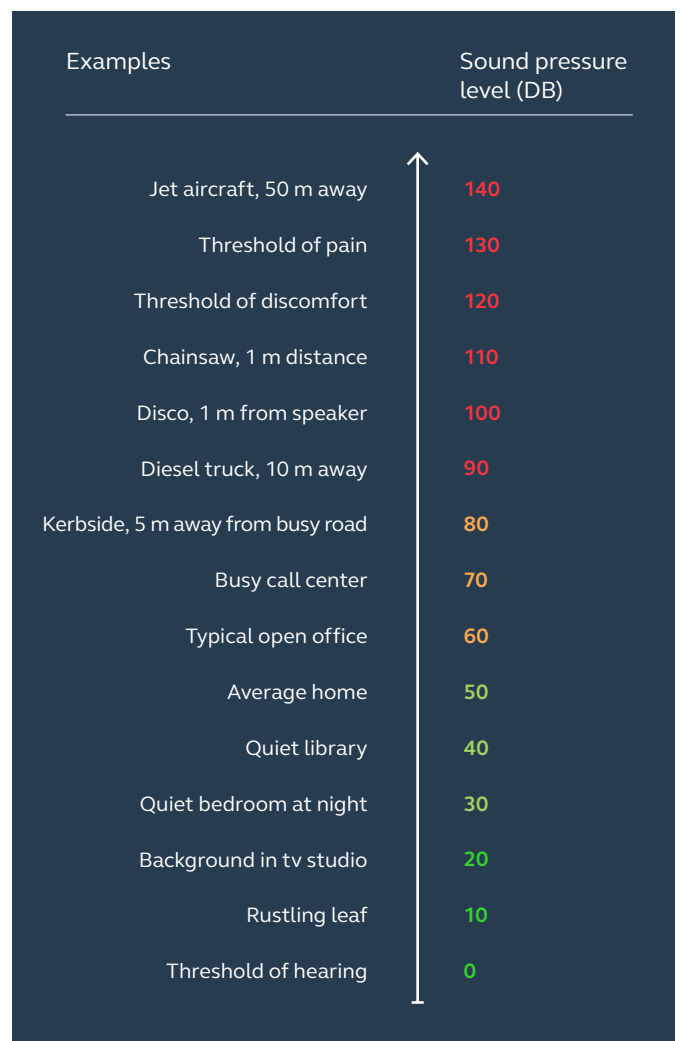


Fig 1: Typical sound levels from familiar sources.

Jabra SafeTone - Active hearing protection for headset users

Jabra SafeTone = Jabra PeakStop™ + Jabra IntelliTone™

Jabra delivers headsets, audio enhancers, USB adapters and other solutions that protect the hearing and comfort of headset users by eliminating sudden high levels of noise and preventing volume levels from being too high throughout the working day.

PeakStop

Active removal of sudden loud sounds

All Jabra headsets come with PeakStop technology that eliminates potentially harmful sound spikes. Based on an electronic gateway or transistor that reacts instantly, PeakStop actively protects the user by keeping the absolute sound level and the energy of the peak in the safe zone at all times, thus preventing potentially harmful sound from reaching the ear.



Fig. 2: PeakStop continuously monitors the sound flow and actively reduces critical sound peaks to a safe level.

Absolute peak value

Jabra headsets operate well within global requirements for sound level exposure known as ‘instantaneous maximum level in absolute peak value’.

Absolute peak value is the maximum level of sound that the earphone or receiver can deliver to the ear. Internationally, 140 dB(C) is accepted as the absolute peak value limit that the ear should be exposed to. All Jabra headsets conform to a maximum of 122 dB absolute peak value, which is significantly below the international standard.



Fig. 3: International and Jabra accepted peak values

RMS value

RMS stands for ‘Root Mean Square’, an expression of the effective energy in the sound waves. The RMS value is used to define a standard for continuous sound as opposed to sudden sound peaks.

Leading EU and US authorities agree that 118 dB (RMS value) should be the maximum level for total sound exposure from a continuous sound. Built-in PeakStop technology means that all Jabra headsets meet this requirement limit.



Fig. 4: International and Jabra accepted peak value



IntelliTone

Keeping average noise exposure at a safe level

IntelliTone is there to ensure that the average sound level you’re exposed to during your work day is at a comfortable level that protects your hearing. Jabra enterprise headsets, audio enhancers, USB adapters and other solutions with IntelliTone let you intelligently adjust the average sound level down to 85 dB over the course of your working day, which will then enforce for example the EU Noise at work directive 2003/10/EC.

Protection level	Criteria
Level 0 (default)	Basic Protection (over 118dB(A))
Level 1	Less than 4 hours on phone/day
Level 2	4-8 hours on phone/day
Level 3	More than 8 hours on phone/day
Level 4 (G616)	Recommended Australian protection level

SafeTone

Jabra enterprise products with built-in SafeTone hearing protection offer PeakStop and IntelliTone technology, enabling the user to find a comfortable level that ensures maximum benefit from the headset while ensuring a safe listening level.

The next generation of hearing protection: Jabra SafeTone 2.0

To ensure the highest level of hearing safety and wellbeing of headset users, we have developed the next advance in SafeTone technology, called SafeTone 2.0, which is offered in the latest Jabra solutions*.

PeakStop 105 dB (RMS)

If you use your headset intensively, it's important to protect your hearing and avoid the discomfort caused by sudden spikes. That's why we've developed the next generation of PeakStop, which cuts off sudden sound spikes at 105 dB (RMS), compared to the regular Jabra PeakStop, which cuts off at 118 dB (RMS).

Intelligent acoustic shock protection

Acoustic shock can be uncomfortable and, in some cases, harmful, and should be avoided in order to prevent damage to hearing. When a traditional acoustic shock protection system identifies potentially harmful sound levels, all sounds, including the conversation, are reduced or removed. This can lead to the volume being too low in your conversations.

With intelligent acoustic shock protection, potentially harmful sounds are analyzed, and then removed or reduced without affecting the ongoing conversation, giving you the best conditions to deliver superior customer satisfaction over the phone.

Speech level normalization

To keep your sound level comfortable and consistent throughout the day, we've developed speech level normalization. Simply set the volume on your headset to your preferred level, and every call will be initiated at the desired sound level.

Research shows that users often turn up the volume for a quieter incoming call, and forget to turn it down again, thereby being exposed to unnecessary high volumes, which can potentially damage the hearing. Speech level normalization protects your hearing by ensuring that every call is initiated at the preferred sound level.

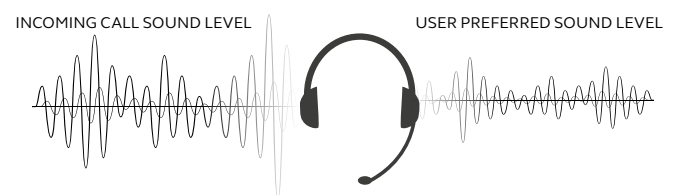


Fig. 5: Speaker software powers all incoming calls to the sound level preferred by the user

BalancedVoice™

In noisy office environments, users are more likely to increase the volume on calls to be able to hear the customer. These persistently high volumes can have a negative effect on their hearing. With BalancedVoice, the incoming sound on a call is processed to be crisper and clearer without increasing the sound level, reducing the likelihood of hearing damage from high volumes over a sustained period of time.

The positive effect of BalancedVoice has been tested and verified by Fraunhofer, an independent test lab. According to the test lab, 72% of users preferred to use BalancedVoice.

IntelliTone 2.0

The incoming sound is adjusted intelligently throughout the day, to keep the average sound level below a set of predefined parameters. Continuous monitoring and prediction of potential future sound levels allows the average sound level to be regularly adjusted. This provides a more consistent and vibrant sound level throughout the day compared to the standard IntelliTone implementation.



*Depending on solution, all or selected SafeTone 2.0 features are included.



Standards and regulations

Exposure to noise levels much lower than defined maximum peak value limits can also affect your hearing, if the exposure time is long enough.

It is important to differentiate between instantaneous peak levels, and the long-term effect of the time-weighted average exposure. The latter is measured over an 8-hour workday. The term 'average' is important. A worker can be exposed to an average of 90dB for 1 hour every day with peak levels at 100dB without any problems, providing they spend the remaining part of the day in an office with an average noise level of e.g. 75 dB.

The EU Noise at work directive 2003/10/EC enforces an upper max exposure limit of 87 dB(A) (time weighted average over a full working day). Leading US authorities recommend that the time-weighted average exposure limit for a working day should not exceed 85 dB(A) (time-weighted average over a full working day).

According to the EU regulation, the upper exposure action value is also defined at 85 dB(A). If the upper exposure action value of e.g. 85dB(A) is exceeded, instant action must be taken.

In a contact center, this could be done by providing the agent with a headset amplifier designed to ensure maximum average exposure is below 85 dB(A) from the headset.

The mandatory regulatory requirements in Australia for telecommunications equipment can be found in AS/CA S004. This follows the international guidelines for maximum sound pressure levels: 118 dBA SPL (RMS) at ERP. And 123 dB SPL peak at ERP.

Australian research and standardization work within audio and telecommunication has focused a lot on avoiding hearing damage. This has – besides the regulatory requirements – led to publication Industry Guideline G616. The guideline does not provide any mandatory requirements. As such, compliance with G616 cannot be claimed, as it is only providing guidance and is not a Standard.

The publication describes guidelines and test specifications for telecommunication equipment that further protect the health and safety of persons. In the case of headsets, the publication recommends an Acoustic Shock Protective Device Limit at 102 dB SPL RMS measured at DRP for all frequencies.



Active in international standardization

Jabra is an active partner in the international standardization of acoustic safety in telecommunication equipment.

Our experienced acoustic experts are invited by international standardization organizations such as the International Telecommunication Standardization Sector (ITU-T) and the European Telecommunications Standards Institute (ETSI) to participate actively in acoustic safety specification work.

Our participation helps to ensure that pertinent requirements serve and protect headset users and correspond to recommendations agreed upon by health authorities and hearing experts.

Jabra enterprise solutions comply with – and often surpass – the strictest regulations and standards in the world.

About Jabra

Jabra offers a wide range of headsets specifically engineered for workers who talk to customers on the phone for large parts of their day.

The headsets boast innovative technologies that deliver superior-quality conversations, all-day comfort and help make busy work environments safer.

Find out more

Different working environments demand different hearing protection solutions.

The Jabra range of headsets and key accessories for Contact Centers and Offices offers a wide choice of hearing protection technology covering virtually any requirement. To find out more about which Jabra solutions and hearing protection technologies are relevant for specific working environments, please contact your Jabra account manager or visit Jabra.com.

For more information about noise at work regulations and directives, please visit these web sites:

Jabra enterprise product portfolio and hearing protection levels:

<http://www.jabra.com/hearingprotection>

European Agency for Safety and Health at Work:

<http://osha.europa.eu/en/publications/magazine/8>

An introduction to noise at work:

<http://osha.europa.eu/en/publications/factsheets/56>



Jabra GN

Jabra Engage Series wireless headsets

Improving DECT density in the office

Exclusive, industry-leading technology that gives increased flexibility for your wireless deployments

GN Making Life Sound Better
FOR 150 YEARS





The challenge: wireless headsets in the open office

Customer satisfaction is increasingly challenged as customer calls get longer and more complex. This, combined with the continued reduction of personal space, makes the call centric open office an even more intense place.

The number of headsets that can be used in a given area depends on the area size, the furnishing of the office such as furniture, carpets, curtains, walls dividers, etc. In addition, the

average distance of headset-to-base, the presence of metal objects or large glass surfaces, and headset settings, can also negatively impact headset use.

If a large number of wireless headsets are used within a limited area, such as an open office, users may experience less-than-optimal audio quality due to density issues.

The solution: class-beating DECT wireless performance for better customer connections

Jabra Engage is engineered to be an entirely new class of DECT wireless professional headset. Engage offers industry-leading wireless performance, with a range up to 150 meters/490 feet.

With Engage Wireless you can connect up to 3x as many users, without impacting the call experience. Density capacity has been boosted to give you a wireless connection that won't let you, or your customers, down.

Forty Jabra engineers spent over 115,000 hours developing Engage Wireless and registered four new patents in the process.

Jabra Engage now enables users and IT Managers to focus on their customer calls and to deliver great customer satisfaction rather than on technical issues, with an innovative professional DECT solution.

Up to **3x** the number of users.

0% negative impact on calls.

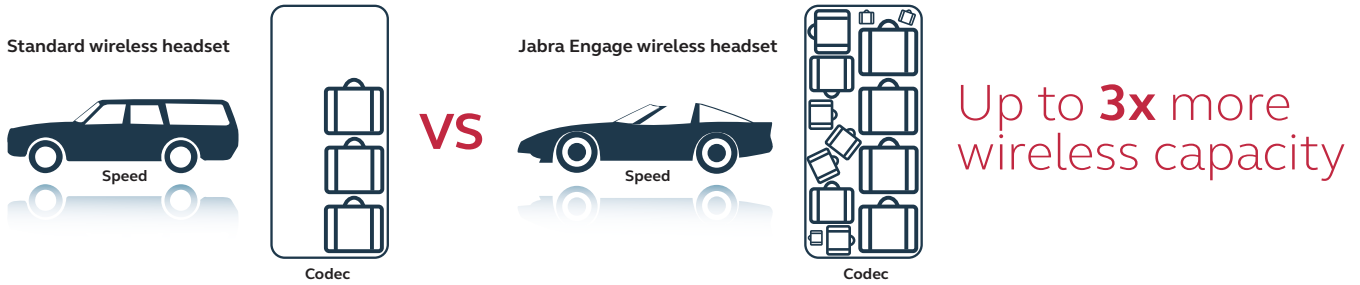
How: Introducing Jabra Engage Wireless

Jabra Engage Wireless features advanced codecs that compress data more efficiently. Audio signals are transported in the exact size needed, instead of a standard size, and at a faster bit rate.

This means that Jabra Engage Wireless can transport more radio signals, and at a faster speed, than comparable products using the same number of radio channels.

Wireless density comparison

Imagine headsets are cars. Jabra Engage can transport more luggage with the same trunk size and can do it faster than a standard wireless headset with even better security.

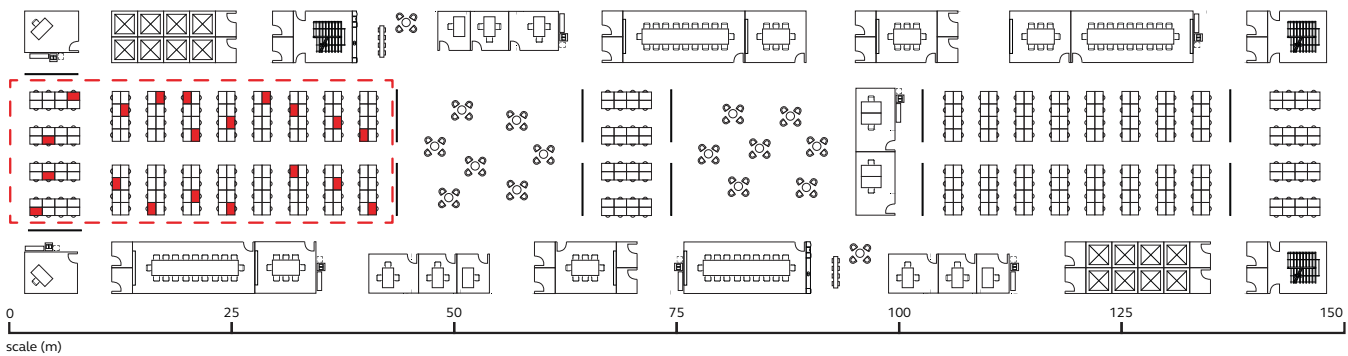


Jabra Engage Wireless delivers up to 3x the wireless density in wideband

Headset model/series	Jabra Engage Series	Jabra Pro 9400 Series	Jabra Engage Series	Jabra Pro 9400 Series
	wideband	wideband	narrowband	narrowband
Frequency	wideband	wideband	narrowband	narrowband
Number of active users	▼	▼	▼	▼
EU	145	40	190	80
US	70	20	95	40
Japan	50	9	70	18

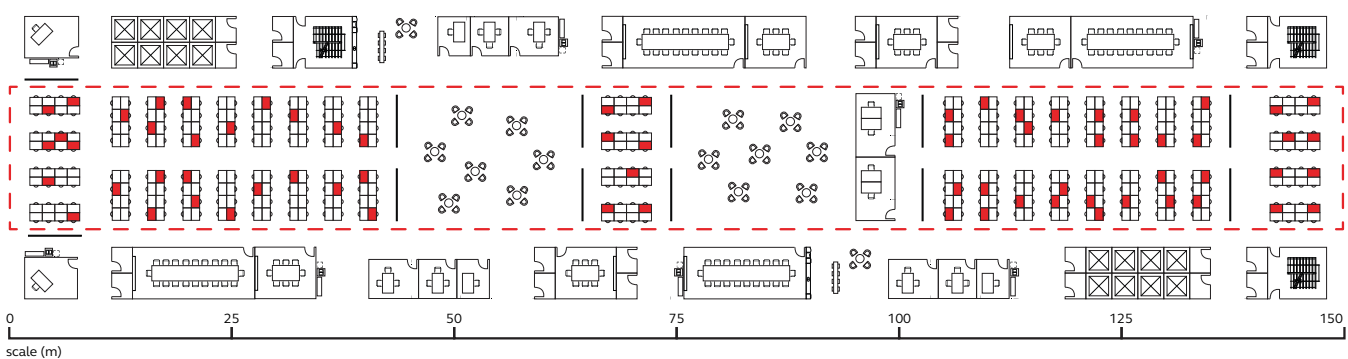
Jabra Pro 9400 or other wireless headset office set up with 20 active users

Wideband, North America



Jabra Engage office set up with 70 active wireless users

Wideband, North America



The above charts are for illustration only, and show theoretical full capacity wideband wireless use as deployed in North America. In actual use, floors/ceilings, materials and other users can influence signal density.

Every deployment is unique, so please contact your Jabra representative who will be able to guide you through the specifics of your business' deployment.

How to plan

The purpose of the planning process is to define a layout that ensures superior call quality for every user. The result is a plan that defines the recommended number of headsets in an office and the optimal product configuration.

These recommendations are based on the users' work modes and requirements, size of the office, total number of users, and the technology deployed.

Short and medium wireless range settings can increase the number of units that can be deployed in an office. However,

the wireless range of the headset is also reduced, which limits how far away the user can walk while on a call.

In high-density environments, another viable approach to increase the number of users in an office is to use different technologies, such as traditional wired headsets, wireless DECT, and Bluetooth® headsets, in the same area.

In this case, please be aware that there are also range differences between various products and technologies.

Considerations

Building layout and isolated areas	Identify the areas where headsets are to be deployed. An area is a separate, isolated office space and needs to be considered one at a time. Determine the area size in square meters or square feet.
Number of headsets per area	Check whether the required number of headsets exceeds the limits per area stated on page 6 and 7. If the limits are exceeded, please contact Jabra Technical Support for more information.
Office furnishing	Office furnishing - the so-called "clutter factor" - has perhaps the biggest impact on the density. A heavily furnished office can have a positive impact from a density perspective, while a sparsely furnished office, can have the opposite effect. The differences in density due to the office furnishing can be as large as a factor of four.
Average distance between headset and base, and user mobility	These are important factors that affect planning. The average distance between headset and base is typically less than 2 m / 7 ft, which is the case when users are handling a call from their desk. However, it's also important to determine how mobile the users are or need to be. It makes however little difference if only few users are highly mobile in the office.
Special DECT considerations	<p>Wideband Audio The use of wideband audio reduces the maximum number of headsets in a given area.</p> <p>Range Configuration Jabra DECT products have a configuration option called Range Setting that reduces the range and radio signal strength. The 'Short' (10 m / 30 ft) and 'Medium' (30 m / 100 ft) power settings* will improve the density performance. Note that when this option is used, all products in the same area must set in the same way.</p> <p>Headset Utilization The amount of time in which the headsets will be utilized – e.g. if users are on a call 100% of the time or 50% of the time. In DECT, we recommend planning with 100% utilization because a lack of an available channel highly impacts communication between a headset and base.</p> <p>DECT environment - Dense With Jabra Engage Wireless you can change the setting, so it fits the size of the deployment. Two different wireless density modes are available; Normal and Dense. In an office smaller than 700 m² / 7,530 f², the Jabra Engage Wireless will perform at its best in Normal mode. In offices larger than 1,000 m² / 10,700 f², the Dense mode will allow more users to benefit from a great call experience. In medium sizes office 700 m²-1,000 m² / 7,530 f²-10,700 f², Jabra Engage Wireless has similar performance in Normal and Dense mode. To ensure that Jabra Engage Wireless always performs at its best, we recommend that you reach out to Jabra Technical Support when a deployment exceeds 700 m² / 7,530 f²**.</p>
Bluetooth considerations for mixed deployments of DECT and Bluetooth	<p>WiFi Coexistence Bluetooth must be used with care if WiFi (specifically 2.4 GHz IEEE 802.11b, g, or n networks) is being used. Using WiFi reduces the number of available channels. You are advised to use WiFi in 5 GHz to avoid interference with Bluetooth.</p> <p>Headset Utilization The amount of time in which headsets will be utilized - e.g. if users are on the call all the time vs. 50% of the time - makes a significant difference when using Bluetooth®. If the actual utilization exceeds the planned average utilization, a Bluetooth® headset will still be able to communicate with a base, although with some loss of audio quality.</p> <p>Bluetooth® range settings affect site planning to a limited extend because the Bluetooth technology automatically adjusts the radio signal relative to the distance between the headset and the base.</p>

*Jabra Engage settings only

**Please note that the offices sizes should be perceived as rules of thumb. The actual size depends on external factors such as building layout and office furnishing.

Why DECT makes sense

All wireless technologies are affected by density capacity limitations. This is especially true if the number of headsets exceeds the number of available radio channels.

DECT transports data at an exclusive frequency around 2GHz, which means it works uninterrupted by other wireless technologies like Bluetooth and WIFI. Different regions work on slightly different but still exclusive DECT frequency ranges than the rest of the world.

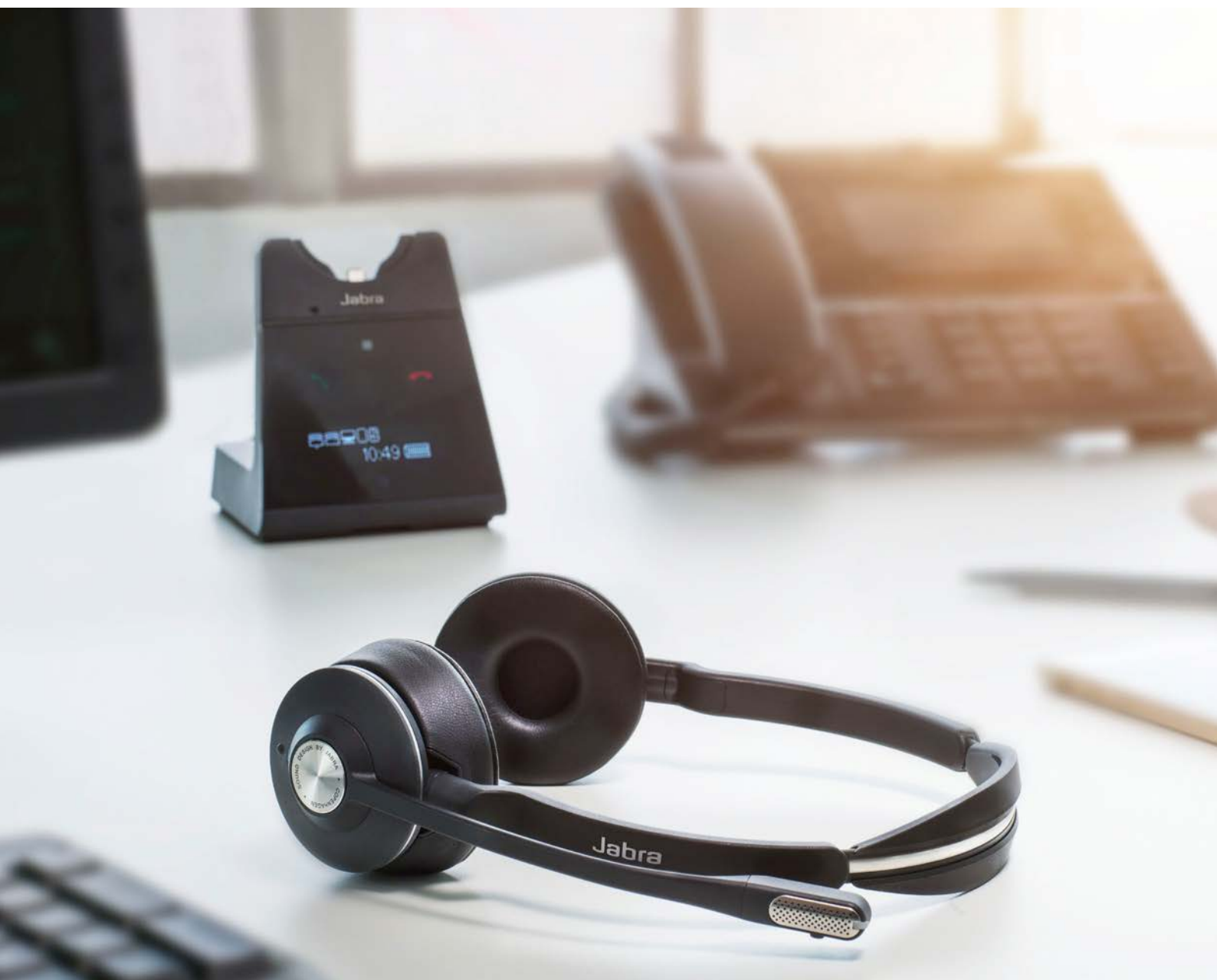
Unlike DECT, Bluetooth works on an open frequency band that is for instance also used for WIFI. Using Bluetooth devices and WIFI in proximity, can negatively affect the performance of the technologies and can for instance reduce the wireless range of the Bluetooth devices (e.g. mice or keyboards) or weaken the WIFI connection.

Apart from the frequency differences, DECT and Bluetooth also differ on capacity and range.

DECT and Bluetooth technologies serve different purposes, so in order to find the optimal solution for a specific office, it's crucial to investigate the user's pains and work modes, the size of the deployment, the office layout etc.

DECT delivers:

- **better density**
- **better range**
- **better battery life with Jabra Engage**
- **better sound quality, with a reserved frequency band**
- **better security with Jabra Engage**



DECT deployment: simple rules of thumb*

Because of the many factors involved in the planning, we recommend that you contact Jabra Technical Support if the number of headsets exceeds the simple density limits indicated below.

Jabra engineers can assess and provide recommendations based on product-specific planning data. Due to the many factors involved, the figures below should be treated as a moderately conservative guidance.

There should be no deployment issues if the number of headsets in an area is below the following limits:

If the number of headsets exceeds these limits, please contact Jabra Technical Support.

* The following rules of thumb apply when Jabra Engage wireless is set to Wideband, Short/Medium Range, and Optimized for Music is turned off. Moreover, other external factors such as furnishing or layout, can play an important role on how the headsets perform with different settings.

190 headsets for EU DECT (narrowband audio), or
145 headsets for EU DECT (wideband audio)

95 headsets for US DECT (narrowband audio), or
70 headsets for US DECT (wideband audio)

70 headsets for Japan DECT (narrowband audio), or
50 headsets for Japan DECT (wideband audio)





More about Jabra Engage Series wireless headsets

The world's most powerful professional headset*

- Provides superior wireless connectivity to a range of up to 150 meters/490 feet, enabling up to **3x more users** in the same office space – with no loss in connection quality.
- Advanced noise cancelling microphone and enhanced speakers deliver crystal-clear calls **even in noisy offices**. Meets Skype for Business Open Office requirements.**
- **All day battery life** and a **busylight** that acts as a do-not-disturb sign for colleagues.

Why Jabra

Different working environments, office layouts and interiors present an almost infinite variety of challenges when planning the effective deployment of multiple wireless headsets in a limited space. As a world-leading supplier of wireless headset solutions, Jabra has many years of experience helping customers deploy effective wireless solutions on their premises.

Find out more about your options in your particular location and workplace environment by contacting Jabra Technical Support, where experts are available to discuss your particular needs and how best to address them.

[Jabra.com/support](https://www.jabra.com/support) or [Jabra.com/contact](https://www.jabra.com/contact)

* Relates to Jabra Engage 75/65 Stereo and Mono variants. February 19, 2018. See facts on [Jabra.com/commercial-claims](https://www.jabra.com/commercial-claims) ** Variant dependent

Jabra Engage DECT density Whitepaper – 27/06/2019

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JABRA ENGAGE WIRELESS HEADSETS

**Maximize your wireless
headset security**

Secure your business conversations

Cyber crime continues to be a challenging and expensive issue for businesses, particularly with the rise in remote working. And because the potential for data security breaches like eavesdropping is hugely increased outside of the office, businesses need a solution that ensures critical conversations can happen securely, wherever their teams are working.

Jabra meets this challenge head-on, taking communication security to the next level with the Engage Series of DECT wireless headsets to ensure conversations stay secure everywhere. 256-bit AES encryption and FIPS 140-2 algorithms take call security above and beyond the highest level of DECT Secure step C certification, to protect sensitive customer data when working from home and in the office.

SECURITY PAINS AT A GLANCE

- Eavesdropping is a major concern, especially for companies with staff working remotely
- As hybrid working increases, so too does cyber crime, with cyber crime-related attacks skyrocketing by **600%** during COVID-19
- Remote working has made companies more vulnerable to cyber attack, causing **the average cost of a data breach to increase by \$137,000**
- Eavesdropping is one of the **8 most common** cyber attacks, but it can be easily prevented with the right level of security².

THE SOLUTION

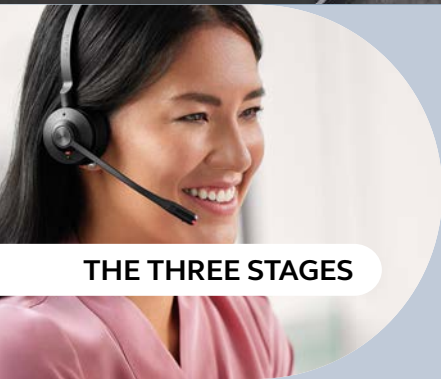
- Jabra Engage headsets provide outstanding security, protecting enterprise customer data from hackers with DECT Security step C certification and military grade FIPS 140-2 encryption algorithms.

¹15 Important Cybersecurity Statistics in 2021 – TitanFile

²The 8 Most Common Cyber Attacks and How to Stop Them – Alpine Security







THE THREE STAGES



PAIRING



AUTHENTICATION



ENCRYPTION

The solution: Jabra Engage headsets

Pairing. Authentication. Encryption.

With Jabra Engage, there is increased security of the wireless connection between the wireless headset and its base unit or USB adapter. Rock-solid security is provided in three steps, improving the protection of calls to a category-leading level.

PAIRING

The first step is a physical bonding of the base unit and headset. Jabra has patented 'physical assisted pairing' to increase security. The Jabra assisted pairing method occurs only when the headset is docked in the base unit, and a secret link-key is then formed when the two pair.

AUTHENTICATION

At the start of a call, encryption is used to set up secure authentication between the Engage headset and its base. A link is established using a secret key-link formed in the pairing (without this, the headset and base unit will not work together). This means that a non-paired headset cannot be used with the base unit. The authentication link is also protected by encryption. The better the encryption level, the more secure the established link.

ENCRYPTION

In calls the audio signal between base unit and headset transports data, which is secured via encryption. The higher encryption level, the better the protection of data. With Jabra Engage, the encryption link is renewed every minute to make decryption more difficult.

SECURITY FEATURES COMPARED:



SECURITY FEATURES	JABRA ENGAGE 55	JABRA ENGAGE 75/65	EPOS SD W 5000 SERIES	POLY SAVI 8200 SERIES
Pairing		Physical assisted, patented pairing	Physical assisted, patented pairing	
Authentication	128 bit DSAA2 (AES) ²	128 bit DSAA2 (AES) ²	128 bit DSAA2 (AES)	64 bit DSAA
Encryption	256 bit AES	256 bit AES	128 bit AES	64 bit DSC
DECT security level	beyond C	beyond C	B	A
FIPS 140-2 listed functions	Yes	Yes	No	No

INCREASED PROTECTION WITH JABRA ENGAGE SERIES WIRELESS HEADSETS

Security algorithms are listed in **FIPS 140-2** standards required by the US military and government, and recommended by the National Institute of Standards and Technology for financial institutions demanding the highest degree of security

The wireless connection is secured with patented pairing – authentication between headset and base or dongle is established with **128-bit** level technology compared to the category standard 64-bit

The wireless connection is secured using **256-bit** AES encryption – giving a line of defense that goes beyond that of DECT Security Level C

Protecting your data

DECT security has evolved over time from the original security definition, to new enhanced definitions called step A, B, and C; each step offering an increased security over the previous step. Each new security level includes all features from a previous level. This means, for example, that Jabra Engage includes all step A, B and C features. For instance, significant features added in step A (such as early encryption derived cipher key updating at least every minute), and peer-side behavior evaluation.

Jabra Engage Series wireless headsets go one step further, taking advantage of encryption algorithms listed in FIPS 140-2 standards required by the US military and government. This level of security goes beyond DECT Level C.

Jabra Engage utilizes AES 256-bit keys for the very strongest level of encryption in a professional headset.

FIPS 140-2 – WHAT’S GOOD FOR THE MILITARY, IS NOW GOOD FOR YOU

- FIPS 140-2 is a security standard **backed by National Institute of Standards and Technology**
- FIPS 140-2 lists **approved security functions** for encryption, message integrity, and authentication
- Those functions provide **military grade security** (e.g. AES encryption) approved for use by the US government and recommended for financial institutions across the globe



Encryption excellence

Jabra Engage utilizes the very strongest encryption in a professional headset



JABRA ENGAGE WIRELESS SERIES				
EPOS SDW 5000 SERIES				
POLY SAVI 8200 SERIES				
DECT security Authentication (DSAA) ¹ Encryption (DSC, 64 bit keys)	DECT security step A New features which correct certain vulnerabilities Secure DECT certification	DECT security step B New authentication using strong AES 128 bit encryption (DSAA2) ¹	DECT security step C Strong encryption of audio stream using AES 128 bit keys (DSC2) ¹	Military Standards FIPS algorithms Even stronger encryption of audio stream using AES 256 bit keys The security level of the Jabra Engage 75 and 65 wireless headsets has been independently tested and verified by NCC Group/FortConsult.

¹ DSAA and DSC are the authentication and encryption algorithms defined in the DECT security standard ETSI EN 300 175-7 applicable for DECT security and DECT security step A. DSAA2 and DSC2 are the equivalent updated security algorithms for the next steps of DECT security, steps B and C.



More about Jabra Engage Series wireless headsets

- **Provides superior wireless connectivity** with a range of up to 150 meters/490 feet
- **Enables up to 3x more users** in the same office space with no loss in connection quality
- **Delivers crystal clear calls** even in noisy environments, with advanced noise-cancelling microphone and enhanced speakers
- **Meets Microsoft Open Office** microphone standards.* Engage 55 also offers a Microsoft Teams variant which meets the Premium Microphone for Open Office standard (stereo and mono variants)
- **Offers connectivity options** with Engage 55 single USB connectivity, Engage 65 dual connectivity and Engage 75 penta connectivity
- **Boosts productivity** with all day battery life, lightweight wearing styles, and a busylight to deter interruptions

WHY JABRA

Different working environments call for different solutions. As a world-leading supplier of wireless headset solutions, Jabra has many years of experience helping customers deploy effective wireless solutions to their employees wherever they work.



ENGAGE 65



ENGAGE 75



ENGAGE 55

* Variant dependent



Find out more

If you have any questions about security with Jabra products, please contact your Jabra representative

WHO WE ARE

We engineer technology that makes life look and sound better. Our world-leading headsets, intelligent video technology and advanced earbuds make sure life and work stay wonderfully in tune.