

Беруши и наушники противошумные CARL ROTH

Технические характеристики

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Earplugs



Disposable ear plugs E.A.R.® Classic II

3M.

Acc. to EN 352-2. Comfortable fit, highly sound proof.

SNR value (db)	Art. No.	Pack Qty.
28	0245.1	5 pair



Disposable ear plugs Max®

Honeywell Safety.

Acc. to EN 352-2. Made of polyurethane.

- Bell-shaped for very comfortable fit and high protection
- Optimised shape for simple insertion and to prevent slipping out
- Soft, soil-resisting outer shell prevents dirt deposits and guarantees improved hygiene
- Packed in pairs
- High insulation values

Version	SNR value (db)	Art. No.	Pack Qty.
with safety strap	37	KN22.1	100 pair
without safety strap	37	KN21.1	200 pair



Disposable ear plugs xact-fit

UVEX.

Acc. to EN 352-2. These innovative plugs adapt perfectly to the ears. The design for the left and right ears is modelled on the anatomy of the ear canal. This noticeably reduces the pressure in the ear canal, even after long periods of wear.

- Convenient and easy to use
- Oval shape ensures optimal wear comfort
- Foam plugs are interchangeable for maximum economy and hygiene
- PVC-free

SNR value (db)	Art. No.	Pack Qty.
26	XC88.1	50 pair



Disposable ear plugs Bilsom 303L

Howard Leight by Honeywell.

Acc. to EN 352-2. Made of highly insulating, dermatologically tested PU-foamed material (PVC-free). Conical shape for optimum fit in ear canal. Nominal size: 5-12 mm. Weight approx. 0.5 g.

(1) Hand dispensers

SNR value (db)	Art. No.	Pack Qty.
33	X556.1	100 pair

(3) Refill pack for wall-mounted dispenser

SNR value (db)	Art. No.	Pack Qty.
33	Y868.1	200 pair



Disposable ear plugs Bilsom 304L with safety strap

Howard Leight by Honeywell.

Acc. to EN 352-2. Made of highly insulating, dermatologically tested PU-foamed material (PVC-free). Conical shape for optimum fit in ear canal. Nominal size: 5-12 mm. Weight approx. 0.5 g.

SNR value (db)	Art. No.	Pack Qty.
33	C493.1	20 pair



Disposable ear plugs No-Touch

3M.

Acc. to EN 352-2. Made of slowly expanding foam. Pre-shaped, soft plugs can be used immediately.

- No need to roll up the ear plugs.
- Comes with headband, practical and hygienic
- Can be combined with other personal protective equipment

SNR value (db)	Pack.	Art. No.	Pack Qty.
35	individual	KA60.1	100 pair

Earplugs



Disposable ear plugs LASER LITE®

Honeywell Safety.

Acc. to EN 352-2. Two-tone plugs made of PU. Made of very soft foam. Adapts to the ear canal itself.

Box

Packed in pairs in a practical box (not to be used to fill the Y862.1 ear plug dispenser)

SNR value (db)	Art. No.	Pack Qty.
35	Y861.1	200 pair

Refill pack for dispenser

Suitable for refilling the Y862.1 dispenser

SNR value (db)	Art. No.	Pack Qty.
35	Y861.2	500 pair

Dispenser for ear plugs LASER LITE®

Honeywell Safety.

Made of hard-wearing, anodised aluminium. Very robust, suitable for repeated strain. Plugs can be easily removed by turning the crank. Can be filled with Y861.2 (500 pairs) and Y868.1 (200 pairs) ear plugs.

Delivery incl. mounting material, no ear plugs.

Version	Art. No.	Pack Qty.
Ear plug dispenser	Y862.1	1 unit(s)



Detectable ear plugs LASER-TRAK

Honeywell Safety.

Acc. to EN 352-2. Sound-absorbing, **able to detect**. Adapt to the ear canal and do not cause any irritation or allergies. Also suitable for use in the food industry.

SNR value (db)	Art. No.	Pack Qty.
35	P907.1	100 pair



Single-use ear plugs

UVEX.

Acc. to EN 352-2. Ergonomically shaped **disposable ear plugs** for long-term, mobile ear protection. Made of allergy-free PU foam with a proportion of synthetic elastomer.

- Pleasantly soft
- X-emboss allows for a comfortable fit and a decrease in pressure in the ear canal
- Closed surface prevents foreign matter from entering

(1) X-fit

- For larger ear canals
- For high continuous noise exposure
- Very high sound absorption levels

SNR value (db)	Pack.	Art. No.	Pack Qty.
37	Mini box	1E13.1	15 pair
37	loose in the refill box	HE98.2	300 pair

(2) Com4-fit

- For smaller ear canals
- For lower noise exposure

SNR value (db)	Pack.	Art. No.	Pack Qty.
33	Mini box	1E14.1	15 pair
33	loose in the refill box	HH00.2	300 pair

Dispenser for ear plugs X-fit and Com4-fit

UVEX.

Robust, easy-to-use dispenser.

- Automatic dispenser guarantees plugs can be economically removed, with the plugs dropping out individually upon rotation
- Lightweight and can be refilled hygienically
- Max. quantity for filling: 600 pairs
- Suitable to be filled with X-fit, Com4-fit and standard ear plugs
- Suitable for wall mounting

Delivery incl. mounting material, no ear plugs.

Version	Art. No.	Pack Qty.
Ear plug dispenser	HH01.1	1 unit(s)



Earplugs



Disposable ear plugs

Moldex.

Acc. to EN 352-2. Comfortable PU foam ear plugs for work that requires continual ear protection. Soft to wear, easy to insert. Ear plugs, wall mount and packaging are completely PVC-free. Bright colours make using the plugs more appealing. Hygienic dispenser system, the station is replaced for refilling.

Delivery incl. 250 pairs in the disposable dispenser station to be suspended in the wall mount (please order separately).

(1) Spark Plugs

- Anatomically pre-shaped

Manufacturer no.	SNR value (db)	Pack.	Art. No.	Pack Qty.
7825	35	in pairs	KP16.1	500 unit(s)

(2) MeLlows

- Provides improved awareness of surroundings and allows for improved communication
- Particularly suitable for use in low noise exposure

Manufacturer no.	SNR value (db)	Pack.	Art. No.	Pack Qty.
7625	22	in pairs	KP17.1	500 unit(s)

Wall mount for disposable ear plugs

Moldex.

Delivery incl. mounting material.

Manufacturer no.	Art. No.	Pack Qty.
7060	KP18.1	1 unit(s)



Detectable ear plugs Spark-Plug® Detect

Moldex.

Acc. to EN 352-2. **Detectable** disposable ear plugs made of soft PU foam. Ear plugs contain metal and are therefore fully detectable. Suitable for use in foodstuffs production. Available in hygienic dispenser station to be suspended in KP18.1 wall mount.

Delivery without wall mount, please order separately.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
7859	32	XA38.2	1,000 unit(s)



Detectable ear plugs whisper+detec

UVEX.

Acc. to EN 352-2. Soft, **detectable, reusable ear plugs** with an excellent fit in the ear canal. Particularly suitable for dirty working conditions. The smooth surface prevents the accumulation of dirt particles which can cause injury.

- For the medium noise range
- Plugs are blue for better visibility in the production line

SNR value (db)	Art. No.	Pack Qty.
27	HE94.1	50 pair



Reusable ear plugs ULTRAFIT

3M.

Acc. to EN 352-2. Pre-moulded ear plugs made of thermoplastic. Thanks to their flat design, they are a perfect fit for any ear canal. Easy to wash the ear plugs using warm soapy water. **Reusable**. Suitable for sensitive working areas in the foodstuffs and chemicals industries.

Pic.	Version	Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
(1)	with safety cord	UF01000	32	TE80.1	50 pair
(2)	with storage box	UF01020	32	TE81.1	50 pair



Reusable ear plugs ClearE.A.R. 20

3M.

Acc. to EN 352-2. Pre-moulded ear plugs. Made of soft polymer, transparent. Almost invisible when worn. Ideal fit thanks to flat shape. Short stem for easy insertion and removal. Washable and **reusable**. SNR value: 20 dB.

Delivery incl. storage box.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
UF01021	20	TE82.1	12 pair

Earplugs



Reusable earplugs E.A.R. Express™

3M.

Acc. to EN 352-2. Very comfortable and provide the best fit. The foam material slowly expands and forms a complete seal – without excessive pressure. The patented grip allows the plugs to be inserted and removed in a quick and hygienic manner. The **reusable plugs** are easy to clean. The bright colours make using the plugs more appealing. Come in useful packaging that can be resealed.

SNR value (db)	Art. No.	Pack Qty.
28	K130.1	20 pair



Reusable earplugs 3M™

3M.

Acc. to EN 352-2. Lamella design for improved fit in the ear canal and improved wear comfort. Soft material (monoprene) provides additional comfort and special recessed grips. Storage box with belt clip for clean and safe storage during breaks in and after completion of work.

Version	Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
with safety band	1271	25	EH65.1	50 pair
without safety band	1261	25	EH64.1	50 pair



Banded earplugs E-A-R Caps™

3M.

Acc. to EN 352-2. With soft polyurethane plugs. Ideal for people working in varying levels of noise and for visitors. Comfortable to wear with very simple adjustment, can also be worn behind the neck. Weight approx. 7.6 g.

SNR value (db)	Art. No.	Pack Qty.
23	A344.1	1 unit(s)



Banded earplugs WaveBand® 2K

Moldex.

Acc. to EN 352-2.

- Banded earplugs with anatomically adapted contour
- Freedom of movement without contact noise
- Two-component design with grip points
- Comfortable, low contact pressure (only 1.2 N)
- Feather light: Only 12 g

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
6800	27	XA36.1	1 unit(s)



Banded earplugs

UVEX.

Acc. to EN 352-2. PU ear plugs. Lightweight alternative to ear protectors. Particularly suitable as ear protection for visitors or when on the move

- For temporary noise protection
- Specially designed earpiece, excellent shape retention
- Readily available, convenient and easy to use
- Comfortable fit, easy communication
- Very light, approx. 8 g
- Colour: Grey or blue

X-cap

SNR value (db)	Art. No.	Pack Qty.
24	HE95.1	1 unit(s)

X-fold

Can be folded, making it practical for when on the move.

SNR value (db)	Art. No.	Pack Qty.
23	XC97.1	1 unit(s)



Earmuffs



Earmuffs Clarity C2

Howard Leight by Honeywell.

Acc. to EN 352-1. The Sound Management Technology provides uniform sound insulation while allowing voices and signals to be heard with minimal distortion. Three-position universal headband offers the following positions for wearing: Over the head, behind the neck or under the chin. Can therefore be combined with further protective equipment. Dielectric design. Two-part headband with well-ventilated interior. Weight 208 g. Pressing force 11.6 N.

SNR value (db)	Art. No.	Pack Qty.	
30	CT24.1	1 unit(s)	



Earmuffs M1

Moldex.

Acc. to EN 352-1.

- High-quality earmuffs
- Soft coat material in metallic colour
- Six adjustments for perfect fit
- Soft padded metal headpiece for long wear comfort
- Collapsible: Space-saving and hygienic

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.	
6100	31	NH61.1	1 unit(s)	



Earmuffs Clarity C1

Howard Leight by Honeywell.

Acc. to EN 352-1. Blocks out noise while allowing voices, signals and alarms to be heard with minimal distortion. No electronic components. Two-part headband with well-ventilated interior, soft sealing pads. Weight 194 g. Pressing force 10 N.

SNR value (db)	Art. No.	Pack Qty.	
25	CT07.1	1 unit(s)	



Earmuffs 3M™ OPTIME™

3M.

Acc. to EN 352-1. High wear comfort and low pressure inside ear even after long periods of wear.

- Lightweight design, optimal ear protection
- Constant pressure, liquid-filled sealing ring
- 2-point mounting

Peltor™ OPTIME™ I

Flat design. **Applications:** Outdoor work, building trade, engineering, woodworking, metalworking, automobile industry, farming, chemical treatment.

SNR value (db)	Art. No.	Pack Qty.	
27	NH19.1	1 unit(s)	

Peltor™ OPTIME™ II

For high-noise environments, provides excellent sound insulation even at extremely low frequencies. **Applications:** Outdoor work, building trade, airports

SNR value (db)	Art. No.	Pack Qty.	
31	NH20.1	1 unit(s)	



Earmuffs Clarity C1F, fold-able

Howard Leight by Honeywell.

Acc. to EN 352-1. The Sound Management Technology provides uniform sound insulation while allowing voices and signals to be heard with minimal distortion. Can be folded together to protect the earpieces from dust and moisture. The headband can be quickly adapted to the shape of the head using the quick-click adjustment feature. Dielectric design. Two-part headband with well-ventilated interior, soft sealing pads. Weight 194 g. Pressing force 11 N.

SNR value (db)	Art. No.	Pack Qty.	
26	CT25.1	1 unit(s)	

Earmuffs



Earmuffs 3M™

3M.

Acc. to EN 352-1.

- Modern and attractive slim design
- Double band design for better balance and greater comfort
- Low weight
- Soft, wide sealing rings reduce the pressure on the ears and enhance wear comfort
- Innovative new attenuating pads and intermediate rings ensure improved attenuation
- New, patented foam in the sealing rings for effective protection
- The cups offer abundant space inside to minimize heat and moisture
- The sealing rings and inserts are easy to replace, for easy cleaning of the cups
- The headband of the earmuffs is dielectric (electrically insulated). The metal parts of the headband are coated with a conductive material, which means that the hearing protection can also be used with a low electrical voltage (less than 440 V AC)

Peltor™ X1

For protection against low noise levels in industry, when lawn mowing, drilling, etc.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
X1A	27	HLN6.1	1 unit(s)

Peltor™ X2

For protection against moderate to high sounds levels in industry, when carrying out roadworks or construction work, etc.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
X2A	31	HLN7.1	1 unit(s)

Peltor™ X3

For protection against noise levels in the forestry industry, heavy industry, at airports, etc.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
X3A	33	HLN8.1	1 unit(s)

Peltor™ X4

With narrow cups. For use against high noise levels in a wide range of industries.

Manufacturer no.	SNR value (db)	Art. No.	Pack Qty.
X4A	33	HLN9.1	1 unit(s)



Ear defenders Peltor™ OPTIME™

3M.

Acc. to EN 352-1. With safety attachment for all hard hats with 30 mm slot system and face/ear protection G500 (YT38.1). High wear comfort and low pressure inside ear even after extended wear

- Lightweight design, optimal ear protection
- Constant pressure, liquid-filled sealing ring
- 2-point mounting

Delivery without ear defenders (NH14.1, NH15.1) please order separately.

OPTIME™ I

Flat design.

Applications: Outdoor work, building trade, engineering, woodworking, metalworking, automobile industry, farming, chemical treatment.

SNR value (db)	Art. No.	Pack Qty.
26	NH12.1	1 pair

OPTIME™ II

For high-noise environments, provides excellent sound insulation even at extremely low frequencies.

Applications: Outdoor work, building trade, airports.

SNR value (db)	Art. No.	Pack Qty.
30	NH13.1	1 pair

Hygiene kit for earmuffs 3M™

3M.

Hygiene kits allow hygienic and economic use of the earmuffs, since it is not necessary to replace the entire earmuff in the event of contamination. Quick and easy to assemble.

A kit contains two foam pads and two sealing rings.

Peltor™ X-series

Suitable for	Manufacturer no.	Art. No.	Pack Qty.
3M™ Peltor™ X1	HYX1	HLP0.1	1 unit(s)
3M™ Peltor™ X2	HYX2	HLP1.1	1 unit(s)
3M™ Peltor™ X3	HYX3	HLP2.1	1 unit(s)
3M™ Peltor™ X4	HYX4	HLP3.1	1 unit(s)

Peltor™ OPTIME™

Suitable for	Art. No.	Pack Qty.
OPTIME™ I earmuffs + ear defenders	NH21.1	1 unit(s)
OPTIME™ II earmuffs + ear defenders	NH22.1	1 unit(s)

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