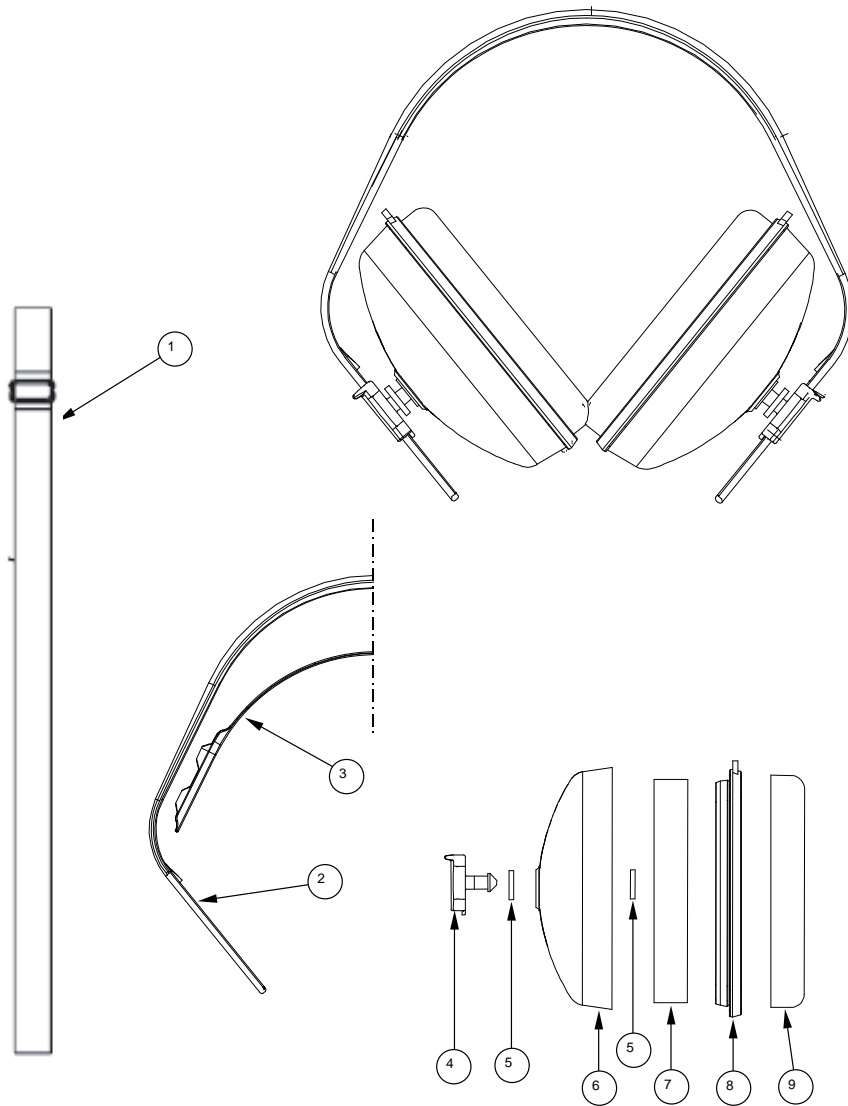


QM24+

Product Information



Product Range

Article	Packaging Type	Art. No	Size
QM24+	20 boxes per case		

SAP Description

3302152	QM24+ RDE
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Product Description

Part Listing	Material	Color
1 Plastic strap	PVC	Black
2 Headband	Acetal Copolymer	Black
3 Grommet	TPE/PP Blend	
6 Cup	ABS	
8 Ear Cushion	PVC	Black

Specifications

Weight	Inside cup space
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Height adjustment	Headband force	Wearer position
		Over-the-head/Under-the-chin/Behind-the-head

Accessories

		Art. No
Hygiene kit	Packed in a plastic bag, including two ear cushions and two liners	HK4 (3301283)
Slim Beltclip	For carrying purpose	1016730
Cool Pads	Sweat absorbing pads, 100 pr box pr roll dispenser	1000364/1000365
Optisorb	Cotton Sleeve for ear cups	OPSB/3302101

QM24+

Product Information

Product Range

Sales units	Box	1 muff
	Case	20 boxes
	Pallet	30 cases

Volume	Box	3,15 dm ³ / 192 cu.in
	Case	70,7 dm ³ / 2.50 cu.ft
	Pallet	2,38 m ³ / 84.0 cu.ft

Weight	Box	235 g / 8.22 oz
	Case	5,30 kg / 11.7 lbs
	Pallet	181 kg / 399 lbs

Material	Box	Cardboard
	Case	Corrugated cardboard

Customs Tariffs Country of Origin

39269099 China

Temperature Operation Range

-20°C to +60°C / -4°F to +140°F

Product Marking

"Howard Leight" – ear cup

BARCODES

	BOX	CASE
QM24+	033552006138	10033552006135
QM24+RDE	033552006206	10033552006203

Attenuation Data, over-the-head position

QM24+ is tested according to EN 352-1:1993 at Inspec.

Frequency Hz	63	125	250	500	1000	2000	4000	8000	SNR
Mean Value, dB	14.0	10.6	16.2	24.1	31.2	31.4	31.4	35.4	26 dB
Standard Deviation, dB	3.9	2.9	2.5	3.2	3.2	2.7	3.0	3.6	
Assumed Protection, dB	10.1	7.7	13.7	20.9	28.0	28.7	28.4	31.8	

H = 29 dB M = 23 dB L = 15 dB

QM24+ is tested according to ANSI S3. 19-1974 at Michael & Associates Inc.

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Value, dB	12.9	20.1	25.8	34.3	37.4	41.9	38.9	37.8	40.3	25 dB
Standard Deviation, dB	1.3	1.5	2.2	1.8	2.0	1.9	1.7	2.4	1.7	

QM24+ is tested according to AS/NZS 1270:2002 at Michael & Associates Inc.

Frequency Hz	125	250	500	1000	2000	4000	8000	SLC ₂₀
Mean Value, dB	14.8	15.1	22.2	30.6	29.2	29.4	30.2	24 dB
Standard Deviation, dB	4.0	3.6	4.9	4.5	3.1	3.0	4.4	
Mean-Minus-Std. Dev., dB	10.8	11.5	17.3	26.1	26.1	26.4	25.8	

Class 4

QM24+

Product Information

Attenuation Data, behind-the-head

QM24+ is tested according to EN 352-1:1993 at Inspec.									
Frequency Hz	63	125	250	500	1000	2000	4000	8000	SNR
Mean Value, dB	10.5	11.3	15.9	24.3	32.6	32.9	32.5	34.5	25 dB
Standard Deviation, dB	4.5	3.8	2.6	2.7	4.3	3.7	3.9	3.3	
Assumed Protection, dB	6.0	7.5	13.3	21.6	28.3	29.2	28.6	31.2	

H = 30 dB M = 23 dB L = 14 dB

QM24+ is tested according to ANSI S3. 19-1974 at Michael & Associates Inc.										
Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Value, dB	14.5	20.8	26.2	33.2	36.7	40.1	37.7	36.8	38.0	25 dB
Standard Deviation, dB	2.4	1.9	1.6	2.1	2.8	1.8	2.4	2.3	2.4	

QM24+ is tested according to AS/NZS 1270:2002 at Michael & Associates Inc.								
Frequency Hz	125	250	500	1000	2000	4000	8000	SLC ₈₀
Mean Value, dB	11.3	14.6	22.6	32.3	32.6	30.6	33.1	24 dB
Standard Deviation, dB	4.7	4.2	4.9	4.9	3.3	5.4	7.5	
Mean-Minus-Std. Dev., dB	6.6	10.4	17.7	27.4	29.3	25.2	25.6	

Class 4

QM24+

Product Information

Attenuation Data, under-the-chin position

QM24+ is tested according to EN 352-1:1993 at Inspec.

Frequency Hz	63	125	250	500	1000	2000	4000	8000	SNR
Mean Value, dB	13.4	11.3	16.1	23.3	29.7	32.5	32.6	33.9	25 dB
Standard Deviation, dB	5.4	4.6	3.0	3.9	2.5	2.6	3.4	3.9	
Assumed Protection, dB	8.0	6.7	13.1	19.4	27.2	29.9	29.2	30.0	

H = 30 dB M = 22 dB L = 14 dB

QM24+ is tested according to ANSI S3. 19-1974 at Michael & Associates Inc.

Frequency Hz	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Value, dB	14.2	21.0	26.4	34.5	36.8	37.5	37.5	37.2	37.3	25 dB
Standard Deviation, dB	1.8	2.0	1.6	2.4	1.6	2.1	2.1	1.5	1.9	

QM24+ is tested according to AS/NZS 1270:2002 at Michael & Associates Inc.

Frequency Hz	125	250	500	1000	2000	4000	8000	SLC ₈₀
Mean Value, dB	13.9	16.7	23.4	32.8	31.3	29.5	33.0	24 dB
Standard Deviation, dB	4.3	4.7	3.9	5.5	5.0	4.6	5.7	
Mean-Minus-Std. Dev., dB	9.6	12.0	19.5	27.3	26.3	24.9	27.3	

Class 4