

Master Comparison Chart of Intrinsically Safe Headsets (Halo® Headsets)

	DQ70-106	DQ70-108	198914	198915	198913
Hardhat Mount	DQ73-106	DQ73-108	Compatible with most hardhats	Compatible with most hardhats	Compatible with most hardhats
Left-Dressed Mic	DQ73-106L	Reversible	Reversible	Reversible	Reversible
Hardhat and Left-Dressed	DQ70-106L	N/A	N/A	N/A	N/A
Special feature	-	-	-	-	-
Pre-Amp	No	No	No	No	No
PTT	No	No	No	No	No
Intrinsically Safe	Yes	Yes	Yes	Yes	Yes
Number of Speakers (Receivers)	Double-Sided	Double-Sided	Single-Sided	Double-Sided	Single-Sided
Watertight	No	No	Yes, IP-67 rated	Yes, IP-67 rated	No
Watertight connectors	IP-67 (To 0.5m/20')	IP-67 (To 0.5m/20')	IP-67 (To 0.5m/20')	IP-67 (To 0.5m/20')	IP-67 (To 0.5m/20')
Personal Volume Control	No	No	No	No	No
Ear Cushion Type	PVC foil on foam-filled ear cushions	PVC foil on foam-filled ear cushions	Urethane foil on gel-filled ear cushions	Urethane foil on gel-filled ear cushions	Leatherette foil on foam ear cushions
Connector type	4 pos. Deutsch Connector (Adapter Cord available for different connector types)	4 pos. Deutsch Connector (Adapter Cord available for different connector types)	4 pos. Deutsch Connector (Adapter Cord available for different connector types)	4 pos. Deutsch Connector (Adapter Cord available for different connector types)	4 pos. Deutsch Connector (Adapter Cord available for different connector types)
Mic. Type	Electret Boom Mic. (Hardwired)	Electret Throat Mic. (Quick Disconnect)	Electret Throat Mic. (Hardwired)	Electret Throat Mic. (Hardwired)	Electret Throat Mic. (Hardwired)
Mic. Frequency Response	100 Hz to 10 kHz	TBA	TBA	TBA	100 Hz to 10 kHz
Mic. Sensitivity @1kHz	-	-	-	-	-
Mic. Impedance @1kHz	1K5 @ 1kHz	1K5 @ 1kHz	1K5 @ 1kHz	1K5 @ 1kHz	1K5 @ 1kHz
Battery Life (avg.)	N/A	N/A	N/A	N/A	N/A
Battery Type	N/A	N/A	N/A	N/A	N/A
Weight	500g (18oz)	500g (18oz)	230g (8 oz)	230g (8 oz)	230g (8 oz)
Mount	Dual Head Straps with behind-the-head Steel Tension Band	Dual Head Straps with behind-the-head Steel Tension Band	Mesh with Polycarbonate Push Snap and Elastic Chin Strap	Mesh with Polycarbonate Push Snap and Elastic Chin Strap	Mesh with Polycarbonate Push Snap and Elastic Chin Strap
Noise Reduction Rating (NRR)	24dB	24dB	7dB	7dB	7dB
Speakers Frequency Response	300Hz to 4kHz	300Hz to 4kHz	300Hz to 4kHz	300Hz to 4kHz	300Hz to 4kHz
Speakers Sensitivity @1kHz	73 ± 2dB	73 ± 2dB	73 ± 2dB	73 ± 2dB	73 ± 2dB
Speaker Impedance					1200 Ω
Ambient Noise Levels	125dBC	118dBC	80dBC (118dBC with earplugs)	80dBC (118dBC with earplugs)	80dBC (118dBC with earplugs)
Connection Cord Length	1.5m (5ft)	1.5m (5ft)	0.84m (2.75ft)	0.84m (2.75ft)	0.84m (2.75ft)
Connection Cord Type	Curly retractable	Curly retractable	Straight	Straight	Straight
Connection Cord Material	SEDFLEX™	SEDFLEX™	Flame retardant polyurethane	Flame retardant polyurethane	Flame retardant polyurethane
Connection Cord Temperature Range	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	TBA	TBA	TBA
Connection Cord Chemical Resistance	Gasoline, Ethanol, Methanol, Motor Oil, Salt Solutions	Gasoline, Ethanol, Methanol, Motor Oil, Salt Solutions	TBA	TBA	TBA
Designed For	-	-	-	-	-
Standard Colours	Yellow earcup	Yellow earcup	Black	Black	Black

Specifications subject to change without prior notice.
 Special Electronics & Designs Inc.
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198902
N/A
Reversible
N/A
-
No
No
Yes
Single-Sided
No
IP-67 (To 0.5m/20')
No
Leatherette foil on foam ear cushions
4 pos. Deutsch Connector (Adapter Cord available for different connector types)
Electret Boom Mic. (Hardwired)
100 Hz to 5 kHz
-
1K5 @ 1kHz
N/A
N/A
230g (8 oz)
Adjustable Plastic Headband
7dB
300Hz to 4kHz
74 ± 2dB
150 Ω
80dBC (118dbC with earplugs)
2.1m (6.10ft)
Straight
Flame retardant polyurethane
TBA
TBA
-
Black