

Industrial Headset Functionality Benchmark

D3 Technical Partners, LLC.

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Technical Specifications

	Trident ModCom One	Zebra HS3100	Vocollect SRX3
Operating Temp:	-22°F to 122 °F (-30°C to 50°C)	-22°F to 122 °F (-30°C to 50°C)	-22°F to 122 °F (-30°C to 50°C)
Storage Temp:	-40°F to 158 °F (-40°C to 70°C)	-40°F to 158 °F (-40°C to 70°C)	-40°F to 158 °F (-40°C to 70°C)
Weight w\ Battery:	3 oz. (85 g)	4 oz. (115 g)	6.84 oz. (194 g)
Bluetooth:	v4.2, HFP 1.7, A2DP	v3.0, HFP 1.6	V5.0, HFP 1.7
Hot Swap Battery w\ Unlimited Talk Time:	Yes	Yes	No
Battery Life:	Up to 16 Hours	Up to 15 Hours	10-20 hours
Water and Dust:	IP67	IP67	IP54
Microphone:	Sealed, Noise Canceling	Sealed, Noise Canceling	Sealed, Noise Canceling
Drop Test:	24 drops from 6 ft. (1.83 m) at low & high operating temps	24 drops from 6 ft. (1.83 m) at low & high operating temps	24 drops from 6 ft. (1.83 m) at low & high operating temps
Tumble Test:	600 drops 3.3 feet (1 m)	1000 drops 1.6 feet (0.5 m)	Not Available

Modularity Specifications

	Trident ModCom One	Zebra HS3100	Vocollect SRX3
Removable Battery:	Yes	Yes	Yes
Removable Foam Cushion:	Snap Fit	Snap Fit	Twist Fit
Removable Leatherette Cushion:	Snap Fit	Snap Fit	Not Shown
Binaural Headband (dual ear):	Yes	No	No
Behind the Neck Headband	Yes	Yes	No
Circumaural Ear Cushion	Yes	Yes	Yes
Multi-Bay Battery Charger	Yes, 10 Slots	Yes, 8 Slots	Yes, 20 Slots
Dual-Bay Battery Charger	Yes	No	No

Bluetooth Specifications Detail

Voice Logistics Headset Matrix

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Bluetooth Technical Notes:

Wide Band Speech was introduced in Hands Free Profile v1.6.

Adds optional support for wide band speech with the mSBC codec, a 16 kHz monaural configuration of the SBC codec mandated by the A2DP profile

Enhanced Data Rate (EDR) was introduced in Bluetooth 2.0.

Vendor	Model	BT Version	Hands Free Profile (HFP)	Headset Profile (HSP)	Advanced Audio Distribution Profile (A2DP)	Enhanced Data Rate (EDR)	Supports Wide Band Speech mSBC audio coding over eSCO	Bluetooth Chipset
VXI	BlueParrott C400-XT	4.1	1.6	1.2	1.2	Yes	Yes	CSR8670
VXI	Blue Parrott B350-XT	4.0	1.6	1.2	1.2	Yes	Yes	CSR8670
VXI	Blue Parrott B450-XT	4.0	1.6	1.2	1.2	Yes	Yes	CSR8670
VXI	Blue Parrott B250	2.1 +EDR	1.5	1.2	1.2	Yes	No	CSR6145
Zebra	HS3100	3.0	1.6	1.2	1.2	Yes	Yes	CSR8670
D3/Trident	ModCom One	4.2	1.7	1.2	1.3	Yes	Yes	CSR8670
Vocollect	SRX2-SL	4.1	1.6	1.2	1.3	Yes	Yes	CSR8670