

Specifications

VLP 102

Audio/acoustic and electrical

Microphone type.....	Omnidirectional electret condenser
Microphone gain.....	-6 dB to +6 dB, adjustable in 1 dB steps

Audio input

Number/signal type	1 mono, via integrated electret condenser microphone 1 mono, unbalanced, via auxiliary mic input jack with 3.3 VDC plug-in power 1 stereo, unbalanced, via auxiliary line input jack, mixed with mic input
Connectors	(1) 3.5 mm mini audio jack (tip = left, ring = right, sleeve = GND) for auxiliary line input (Audio In) (1) 2.5 mm mini audio jack (tip = signal + bias voltage, sleeve = GND) for auxiliary mic input (Mic)

IR transmitter (microphone transmission)

Signal type	Infrared output
Carrier frequencies	A and C: 2.3 MHz (selectable) B and D: 2.8 MHz (selectable)
Operating range.....	35' (10.6 m) line of sight
Transmission angles.....	150° horizontally and 90° vertically

General

Power	Supplied by an internal battery
Charger requirements	+5 VDC, 0.5 A on a 3.5 mm o.d. DC power jack, center pin positive
Batteries	
Number/type	1 AA size NiMH or alkaline battery
Operating life	Rechargeable 2500 mAh NiMH batteries: up to 13 hours, continuous use Alkaline batteries: up to 10 hours, continuous use
Recharging time	5 hours for a 2500 mAh NiMH battery
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling.....	Convection, no vents
Mounting.....	Can be used as a pendant with the included lanyard.
Enclosure type.....	High impact plastic
Enclosure dimensions	4.7" H x 1.4" W x 1.1" D* (12.0 cm H x 3.5 cm W x 2.9 cm D*) (*Depth includes clip. Depth without clip = 0.9" [2.3 cm])
Product weight.....	1.7 oz (50 g) without battery 2.7 oz (75 g) with battery
Shipping weight.....	1 lb (<1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
EMI/EMC	FCC Class A
Environmental.....	Complies with the appropriate requirements of RoHS and WEEE.
Accessibility	Section 508 of the Rehabilitation Act (29 U.S.C. 794d)

Warranty

Product..... 3 years parts and labor

Microphone battery 90 days

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

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