

# Specifications

## VLH 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 stereo, unbalanced, via auxiliary line input jack, mixed with microphone input
Connectors .....	(1) 3.5 mm mini audio jack (tip = left, ring = right, sleeve = GND) for auxiliary line input (Audio In)

### IR transmitter (microphone transmission)

Signal type.....	Infrared output
Carrier frequencies.....	A: 2.3 MHz (selectable) B: 2.8 MHz (selectable)
Operating range.....	35' (10.6 m) line of sight
Transmission angles.....	360° horizontally and 60° 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 2400 mAh NiMH batteries: up to 11 hours, continuous use Alkaline batteries: up to 10 hours, continuous use
Recharging time .....	5 hours for a 2400 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
Enclosure type .....	High impact plastic
Enclosure dimensions .....	8.1" H x 1.9" diameter (max) (20.6 cm H x 4.8 cm diameter [max])
Product weight .....	4.2 oz (120 g) without battery 5.2 oz (150 g) with battery
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	c-UL, UL
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:** Specifications are subject to change without notice.

**NOTE:** Shipping dimensions and weights are available at [www.extron.com](http://www.extron.com).