

# Specifications

## VLM 3001/3002/3002H

### Overall system

Operating range.....	40' x 40' minimum coverage
Reception area.....	1600 square feet (148.6 square meters) minimum
Radio frequency.....	1900 MHz
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
EMI/EMC.....	FCC Class B
Environmental.....	Complies with the appropriate requirements of RoHS and WEEE
Warranty	
Product .....	3 years parts and labor
Microphone battery .....	90 days

### VLP 302 Pendant Microphone

User controls .....	Power, volume, and function
Audio input	
Number/signal type .....	1 mono, via integrated MEMS microphones 1 mono, unbalanced, via auxiliary mic input jack
Connector .....	(1) 3.5 mm mini audio jack (tip = audio signal/bias voltage, sleeve = GND)
Batteries	
Number/type .....	1 AA size NiMH or alkaline battery
Operating life .....	Rechargeable 2400 mAh NiMH batteries: min. 8 hours, continuous use Alkaline batteries: min. 8 hours, continuous use
Recharging time .....	~5 hours for a 2400 mAh NiMH battery
Enclosure dimensions .....	3.0" H x 1.47" W x 1.2" D* (7.6 cm H x 3.7 cm W x 3.0 cm D*) *Depth includes clip. Depth without clip = 0.9", 2.3 cm
Product weight .....	1.2 oz (34 g) without battery 2.2 oz (62 g) with battery
Regulatory compliance	
Safety .....	UL, c-UL, FCC Class B
Accessibility.....	Section 508 of the Rehabilitation Act (29 U.S.C. 794d)

### VLH 302 Handheld Microphone

User controls .....	Power, volume, and link
Audio input	
Number/signal type .....	1 mono, via integrated MEMS microphones 1 stereo, unbalanced, via auxiliary line level input jack
Connectors .....	(1) 3.5 mm mini audio jack (tip = left channel audio, ring= right channel audio, sleeve = GND)
Batteries	
Number/type .....	1 AA size NiMH or alkaline battery
Operating life .....	Rechargeable 2400 mAh NiMH batteries: min. 8 hours, continuous use Alkaline batteries: min. 8 hours, continuous use
Recharging time .....	~5 hours for a 2400 mAh NiMH battery
Enclosure dimensions .....	8.0" H x 1.8" (max) diameter (20.2 cm H x 4.6 cm [max] diameter)

Product weight .....	4.0 oz (113 g) without battery 5.0 oz (142 g) with battery
Regulatory compliance	
Safety .....	UL, c-UL, FCC Class B
Accessibility.....	Section 508 of the Rehabilitation Act (29 U.S.C. 794d)

### VLR 302 Receiver

User controls .....	2 normally open relays 1 RS-232 port (38400 baud, 8 data bits, 1 stop bit, no parity) via RJ-45 1 USB
Mounting .....	Rack, ceiling, or wall mountable
Power input requirements .....	12 VDC, 0.2 A
Enclosure dimensions .....	1.66" H* x 2.15" W x 4.50" D (4.2 cm H x 5.5 cm W x 11.4 cm D) *Height is measured out from the mounting surface.
Product weight .....	0.25 lbs (0.11 kg)
Regulatory compliance	
Safety .....	UL, c-UL, FCC Class B

### VLC 302 Charging Station

External power supply.....	110 VAC to 130 VAC, 50-60 Hz, external; to 5 VDC, 2.6 A, regulated USB Micro B
Power input requirements .....	5 VDC, 0.5 A
Enclosure dimensions .....	1.5" H x 4.4" W x 3.4" D (3.9 cm H x 11.3 cm W x 8.6 cm D)
Product weight .....	0.66 lbs (0.3 kg)
Regulatory compliance	
Safety .....	UL, c-UL
Environmental.....	Complies with the appropriate requirements of ENERGY STAR® (ENERGY STAR qualified power supply, efficiency level VI).

**NOTE:** Specifications are subject to change without notice.

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

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