

Specifications

VLS 1000/2000

Overall system

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| Carrier frequencies..... | A and C: 2.3 MHz B and D: 2.8 MHz |
| Operating range..... | 35' line of sight |
| Reception area | 1600 square feet (148.6 square meters) |
| Shipping weight | |
| VLS 1000..... | 22 lbs (10 kg) |
| VLS 2000..... | 23 lbs (10.4 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. |
| Warranty | |
| Product..... | 3 years parts and labor |
| Microphone battery | 90 days |

VLP 202 Pendant Microphone

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| User controls..... | Volume, power, and channel selection |
| Audio input | |
| Number/signal type..... | 1 mono, via integrated electret condenser microphone 1 stereo, unbalanced, via auxiliary line input jack, mixed with mic input |
| Connector | (1) 3.5 mm mini audio jack (tip = left, ring = right, sleeve = GND) for auxiliary line input (Audio In) |
| 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 |
| Enclosure dimensions | 3.0" H x 1.4" W x 1.2" D* (7.6 cm H x 6.5 cm W x 3.0 cm D*) *Depth includes clip. Depth without clip = 0.8", 2.1 cm. |
| Product weight..... | 1.4 oz (40 g) without battery 2.4 oz (68 g) with battery |
| Regulatory compliance | |
| Accessibility | Section 508 of the Rehabilitation Act (29 U.S.C. 794d) |

VLH 102 Handheld Microphone

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| User controls..... | Volume, power, and channel selection |
| 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) |

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|---------------------------|--|
| 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 |
| 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 |
| Regulatory compliance | |
| Accessibility..... | Section 508 of the Rehabilitation Act (29 U.S.C. 794d) |

VLR 102 Receiver

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| User controls | 1 normally open relay 1 RS-232 port (38400 baud, 8 data bits, 1 stop bit, no parity) |
| Mounting..... | Ceiling or wall mountable |
| Power input requirements | 12 VDC, 0.25 A |
| Enclosure dimensions | 3.4" H* x 4.75" diameter (8.6 cm H* x 12.1 cm diameter) *Height is measured out from the mounting surface. |
| Product weight..... | 0.8 lbs (0.4 kg) |
| Regulatory compliance | |
| Safety | c-UL, UL |

VLC 202 Charging Station

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| Power supply..... | External Input: 110-130 VAC, 50-60 Hz Output: 5 VDC, 1 A, 5 watts 3.5 mm o.d. jack, center positive |
| Power input requirements | 5 VDC, 0.5 A |
| Enclosure dimensions | 2.1" H x 4.1" W x 3.0" D (5.3 cm H x 10.4 cm W x 7.6 cm D) |
| Product weight..... | 0.54 lbs (0.24 kg) |
| Regulatory compliance | |
| Environmental..... | Complies with the appropriate requirements of ENERGY STAR® (ENERGY STAR qualified power supply, efficiency level V), RoHS and WEEE. |

PVS 305SA IP Switcher/Power Amplifier

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| VoiceLift receiver input | 1 female RJ-45, -10 dBV (316 mVrms) nominal level |
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NOTE: All nominal levels are at $\pm 10\%$.

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| Audio output | 1 line out, (1) 3.5 mm captive screw connector, 5-pole 1 power amplifier, 5.0 mm captive screw connector, 4-pole, 2 channels (stereo or dual mono) |
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NOTE: Unbalanced wired outputs produce 6 dB of attenuation.
Balanced output has unity gain/attenuation.

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| Power amplifier | |
| Amplifier type..... | Class D |
| Impedance..... | 2/4/8 ohms |
| Output power..... | 50 watts (rms) total (25 watts per channel), 2/4/8 ohms, 1 kHz, 1% THD |
| Frequency response | 20 Hz to 20 kHz, -1 dB/+3.5 dB |
| THD + Noise | 0.2% @ 1 kHz at nominal level (1 watt, 8 ohm load) |
| S/N | >67 dB, 20 Hz to 20 kHz (unweighted) |

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| Power supply..... | External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 5 A, 60 watts |
| Power input requirements | 12 VDC, 5 A |
| Mounting | |
| Rack mount..... | Yes, with optional rack shelf kit |
| Furniture mount | Yes, with optional mounting kit |
| Pole mount..... | Yes, with optional pole mounting kit |
| Enclosure dimensions | 1.8" H x 10.1" W x 3.0" D (1U high, half rack wide) (4.5 cm H x 25.7 cm W x 7.6 cm D) |
| Product weight..... | 2.6 lbs (1.2 kg), plus power supply (0.9 lbs [0.4 kg]) |
| Regulatory compliance | |
| Safety | CE, c-UL, UL UL rated for use in plenum airspaces: meets UL 2043 for heat and smoke release, excluding the power supply; meets UL 60065 for safety. |
| EMI/EMC | CE, C-tick, FCC Class A, ICES, VCCI |
| Environmental..... | Complies with the appropriate requirements of RoHS and WEEE. |

FF 120 Flat Field® Speakers

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| Power capacity..... | 16 W (rms) continuous pink noise 32 W (rms) continuous program |
| Nominal coverage angle..... | 170° conical coverage |
| Nominal impedance | 8 ohms per speaker |
| Mounting..... | Drop into a 2' x 2' (61 cm x 61 cm) or 2' x 4' (61 cm x 122 cm) suspended tile. |
| Enclosure outer dimensions..... | 3.25" H x 23.75" W x 11.75" D (8.3 cm H x 60.3 cm W x 29.9 cm D) |
| Product weight..... | Single: 4.7 lbs (2.1 kg) |
| Regulatory compliance | |
| Safety | NFPA90A, NFPA70; UL listed for use in plenum airspaces: meets UL 2043 for heat and smoke release; meets UL 1480 for commercial and professional audio systems. |

NOTE: Specifications are subject to change without notice.

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