

# VLM 1000i VLM 2000i

## VOICELIFT® INFRARED WIRELESS MICROPHONE



- ▶ Lightweight pendant microphone can be worn around the neck or clipped onto clothing
- ▶ Handheld microphone for pass-around applications
- ▶ Advanced DSP suppresses feedback while maximizing sound quality and intelligibility
- ▶ Supports up to two microphones per system
- ▶ Volume control on pendant provides easy operation
- ▶ Compatible with any Extron amplifiers and MediaLink Switchers
- ▶ Auxiliary input supports an MP3 player or other audio source
- ▶ Desktop charging station recharges two microphones simultaneously
- ▶ Compact receiver can be mounted on a ceiling or wall
- ▶ Operates for up to 13 hours on a single, rechargeable AA battery
- ▶ Designed and manufactured by Extron Electronics
- ▶ 3 year parts and labor warranty

The Extron VoiceLift® Microphone is an infrared wireless microphone system designed for sound field applications. The VoiceLift series of products includes a wireless pendant microphone, wireless handheld microphone, IR receiver, and charging station. The VoiceLift Microphone is designed and manufactured by Extron Electronics and includes a 3 year parts and labor warranty.



**Extron® Electronics**  
INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

The Extron **VoiceLift® Microphone** is an infrared wireless microphone system designed for sound field applications. The presenter's voice is picked up by the pendant or handheld microphone and transmitted wirelessly to a receiver mounted on the ceiling or wall. The signal is then passed to an Extron MPA or XTRA Series amplifier, or MediaLink Switcher where it is amplified and distributed to Extron Ceiling or Surface Mount speakers placed throughout the room. This creates what is called a sound field that enables presenters to be heard clearly throughout the room.

The microphones use infrared signals for transmitting the presenter's voice to the receiver. Infrared signals do not pass through walls and are not subject to interference, offering clear advantages over systems that use radio frequency technology. Up to two microphones can be supported per room, allowing dual presenters and audience participation.

The pendant microphone features easily accessible controls for volume. Both the pendant and handheld microphones offer an auxiliary input for use with an MP3 player or other audio source.

## FEATURES

- ▶ **Lightweight pendant microphone can be worn around the neck or clipped onto clothing** – Provides flexible microphone positioning for presenters and avoids the feeling of being 'weighed-down' caused by heavy wireless mics.
- ▶ **Handheld microphone** – Ideal for group participation, team teaching, or guest speakers.
- ▶ **Advanced DSP suppresses feedback while maximizing sound quality and intelligibility** – Built-in DSP prevents ringing and provides greater flexibility of speaker and presenter placement in a room.
- ▶ **System supports up to two microphones for each room** – Simultaneous microphone operation for student participation or team teaching applications.
- ▶ **Compatible with any Extron MPA or XTRA Series amplifier or the AUX/MIX input of a MediaLink Switcher** – When used with the supplied DC and Audio output adapter the VoiceLift Microphone can be attached to balanced or unbalanced line level inputs. Easy to integrate into new designs or retrofit applications.
- ▶ **Volume control on pendant provides easy operation** – Volume adjustment with audible tone allows the pendant microphone to accommodate loud or soft-spoken presenters or overcome noisy environments.
- ▶ **Auxiliary input on the pendant and handheld microphones** – Allows MP3 player or other audio source device to be connected to the system.

## SPECIFICATIONS

OVERALL SYSTEM		
<b>Carrier frequencies</b>	A and C: 2.3 MHz B and D: 2.8 MHz	
<b>Operating range</b>	35' line of sight	
<b>Reception area</b>	1600 square feet (148.6 square meters)	
<b>Regulatory compliance</b>	EMI/EMC Environmental	
	CE, C-tick, FCC Class A, VCCI Complies with the appropriate requirements of RoHS and WEEE	
<b>Warranty</b>	Product Microphone battery	
	3 years parts and labor 90 days	
VLP 202 PENDANT MICROPHONE		
<b>User controls</b>	Volume, power, and channel selection	
<b>Audio input</b>	Number/signal type	
	1 mono, via integrated electret condenser microphone 1 stereo, unbalanced, via auxiliary line input jack, mixed with mic input	
<b>Batteries</b>	Number/type Operating life	
	1 AA size NiMH or alkaline battery 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	
<b>Enclosure dimensions</b>	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.	
VLH 102 HANDHELD MICROPHONE		
<b>User controls</b>	Volume, power, and channel selection	
<b>Audio input</b>	Number/signal type	
	1 mono, via integrated electret condenser 1 stereo, unbalanced, via auxiliary line input jack, mixed with microphone input	
<b>Batteries</b>	Number/type Operating life	
	1 AA size NiMH or alkaline battery 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	
<b>Enclosure dimensions</b>	8.1" H x 1.9" W diameter (max) (20.6 cm H x 4.8 cm diameter [max])	
VLR 102 RECEIVER		
<b>Mounting</b>	Ceiling or wall mountable	
<b>Power input requirements</b>	12 VDC, 0.25 A	
<b>Enclosure dimensions</b>	3.4" H* x 4.75" diameter (8.6 cm H* x 12.1 cm diameter) *Height is measured out from the mounting surface.	
VLC 202 CHARGING STATION		
<b>Power supply</b>	External Input: 100-240 VAC, 50-60 Hz Output: 5 VDC, 3 A, 15 watts, regulated 3.5 mm o.d. jack, center positive	
<b>Enclosure dimensions</b>	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)	
<b>Model</b>	<b>Version Description</b>	<b>Part number</b>
VLM 1000i	Single Pendant with Charging Station	42-139-11
VLM 2000i	Two Pendants with Charging Station	42-139-12
VLM 2000i	Pendant and Handheld w/ Charging Station	42-139-32

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

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