

READ ME FIRST!

Using Your VLX Wireless Microphone

The VoiceLinkX wireless microphone or “VLX” is used to initiate a recording while you are outside your vehicle. If there are two officers sharing one vehicle, you may wish to purchase a second VLX. The DVR supports up to two units.

The VLX comes with a docking station that has an antenna attached to it. The antenna is used to communicate with the DVR. In order for the device to operate, the VLX must be synchronized with the docking station.

To remove the wireless mic from the docking station, simply tilt it *forward*, then lift *up*.



Requirements for Successful Recording Using the VLX

When using your VLX, please keep the following requirements in mind:

- ☐ **Remain within transmission range of the docking station.** If your VLX battery is fully charged, the transmission range is a maximum 1,200 feet. If your VLX battery is *not* fully charged (common scenario), the range may be reduced. Whenever you move outside of range, the unit will vibrate once every five seconds for six consecutive times. In addition, the Signal LED will flash red until the VLX is back in range.

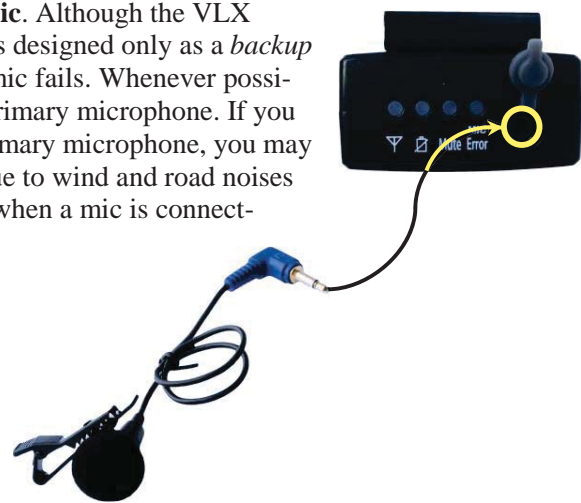
VoiceLinkX
wireless microphone
with docking station



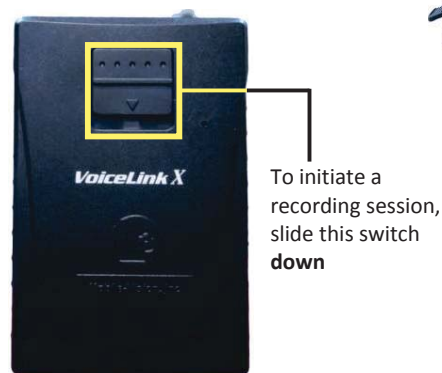
- ☐ **Keep the Power switch in the ‘On’ position when using.** It’s recommended that you leave the VLX power switch *on* for the duration of your shift, as pictured right. This switch is located at the base of the mic.
- ☐ **Avoid metal barriers between the wireless mic and the docking station.** The wireless mic uses a


“line of sight” signal. Physical barriers, particularly *metal* barriers, can interrupt this signal. Since your vehicle is made of metal, it’s important to mount the VLX above the dashboard line so that the signal does not have to pass through metal. Also, do not try to record while your vehicle is above or below you, as this forces the signal to pass through the vehicle’s undercarriage or roof, respectively. For example, if you are standing on an overpass and your vehicle is parked *under* the overpass, this creates a metal barrier, as the signal has to pass through the roof of your vehicle.

- ❑ **Avoid multiple non-metal barriers between the wireless mic and the docking station.** If you walk indoors while a recording is in progress, multiple walls can interrupt the signal between the wireless mic and the docking station.
- ❑ **Configure your VLX as a record trigger on the Flashback.** If you are using the Fleet Management feature, see “Changing the Triggers for a Flashback DVR that is Not Assigned to a DVR Group” or “Changing the Triggers for a Flashback DVR Group” in the DVRs chapter of your DES Administrator’s Guide. If you are *not* using the Fleet Management feature, see “Selecting & Configuring Record Triggers” in your *Flashback User’s Guide*.
- ❑ **Always maintain a strong battery charge.** For more information, see “VLX Battery Considerations” on the next page.
- ❑ **Use the VLX with the lapel mic.** Although the VLX comes with an internal mic, it is designed only as a *backup* mic in the event that the lapel mic fails. Whenever possible, use the lapel mic as your primary microphone. If you use the *internal* mic as your primary microphone, you may encounter audio interference due to wind and road noises that are more easily picked up when a mic is connected to your waist vs. your chest.




Starting a Recording From the VLX



To *start* a recording, slide the VLX switch *down*. The unit will vibrate *once*, indicating that you have successfully initiated a recording. To *stop* a VLX initiated recording, press  from the Flashback monitor or DVR. The unit will vibrate *twice*, indicating that you have successfully ended the recording.



HINT: If you receive any audio feedback after activating the microphone, use the  button on your Flashback monitor to decrease the volume slightly.



WARNING: If you feel two short vibrations after you initiate a recording, it indicates that the recording has stopped. This typically occurs when the DVR door is open or there is no memory card in the card slot.

Muting an Audio Recording

If desired, you can mute the audio for a recording that is already in progress. To do so, hold the **Record** switch *down* for at least one second. The unit will vibrate *once*^{*} and the mute LED will flash red, indicating that mute is enabled. When you're ready to resume audio, repeat the procedure. The unit will vibrate *twice*^{**} and the Mute LED will stop flashing, indicating that the audio has resumed.

VLX Battery Considerations

Your VLX comes with a rechargeable battery. To recharge the battery, first turn off the Power switch at the base of the wireless mic, then place it in the docking station *or* indoor charger. If you are using the docking station, the vehicle must be *on* and the temperature in the car must be between 32° F and 112° F (see **WARNING** below).

It takes up to 2.5 hours to fully charge a battery. Once a battery is fully charged, the charge will last approximately five days in *Stand-By* mode or 24 hours in *Record* mode. For this reason, it is typically not necessary to use the in-car charger unless you need to resync the VLX.

Tips for battery maintenance and care:

- ❑ **When you're on duty, only use the in-car charger to 1) resync the unit or 2) charge the battery when the battery LED is solid red (battery low).** In order to use the in-car charger, the DVR must be *on*.
- ❑ **When you're *not* on duty, remove the VLX from the vehicle and place it in the indoor charger.** Don't leave the VLX in your vehicle or the battery will run down. Also, prolonged exposure to extreme heat or cold may damage the battery and/or decrease its lifetime. The ambient temperature required for charging is between 32° F to 112° F.



WARNING: Do not charge the battery outside the required range of 32° F to 112° F. Doing so could be hazardous and/or cause damage to the unit. Also, do not leave the VLX charging in the vehicle unattended.

- ❑ **Replace the battery every 18 months.** All rechargeable batteries wear out with time, usage, exposure to heat and cold, etc. We recommend that you replace your battery *before* it wears out. There are two options for replacing the battery:
1) Have us do it—call *Service* at 1-800-336-8475 for a return authorization number, or 2) Do it yourself—call *Sales* and submit an order for part number MVD-VLX-BAT. Once the new battery arrives, remove the clip on the back of the unit and slide the battery door *down*.
- ❑ **Handle with care.** Take care not to drop or mishandle your VLX, as this may damage the battery and/or the unit itself.

For information on L-3 Mobile-Vision's warranty and replacement options regarding VLXs, refer to the Flashback Digital Evidence Collection System warranty.

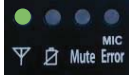



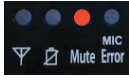


^{*} Short vibration—approximately .2 seconds
^{**} Long vibration—approximately .4 seconds

VLX Light Indicators

On the top of the VLX, there are four light indicators: the *Signal*, *Battery*, *Mute*, and *MIC Error*.

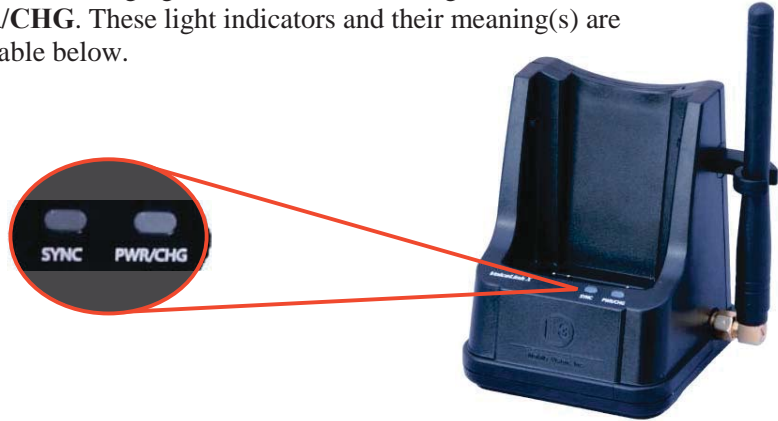






These light indicators and their meaning(s) are described in the following table.

Indicator	Color	Meaning
 Signal	Solid green	Recording is in progress; signal between the wireless mic and docking station is good. The two devices are in sync.
 Signal	Blinking green	Signal between the wireless mic and docking station is marginal and audio is likely interrupted. This occurs because you are nearly out of range <i>or</i> there is a barrier of some sort (metal, for example) interrupting the signal from the wireless mic to the docking station. To regain a reliable audio connection, move back within range of the docking station.
 Signal	Blinking red	Recording is in progress but the wireless mic is out of range; the DVR is not receiving audio from the wireless mic.
 Signal	Solid orange	There is an active connection with audio to the DVR, but the DVR is not recording, typically because the DVR door is open or there is no memory card in the DVR's card slot.
 Mute	Blinking red	Audio is temporarily muted. This occurs when you hold the Record switch <i>down</i> for at least two seconds while a recording is in progress.
 Mic Error	Solid red	External lapel microphone is not functioning properly and may need to be replaced. In this circumstance, the audio source will automatically switch to the unit's internal microphone.
 Battery	Solid red	Battery level is low—less than 2.5 hours.

Docking Station Light Indicators

In the front of the VLX charging station, there are two light indicators: **SYNC** and **PWR/CHG**. These light indicators and their meaning(s) are described in the table below.



Indicator	Color	Meaning
	Blinking green	The docking station is attempting to synchronize with the wireless mic. The light will continue blinking until the synchronization is complete.*
	Solid green	The audio is active (i.e., a recording is in progress).
	Solid green	<u>If VLX is undocked:</u> Docking station is powered on. <u>If VLX is docked:</u> Wireless mic is fully charged.
	Solid red	Wireless mic is docked and charging.



Docking Station Port

There is a communications port on the back of the docking station, as pictured below. Use this port to connect the docking station to the DVR via the cable provided by L-3 Mobile-Vision.

* The first time a wireless mic is synched, this process may take up to 30 "blinks".

IC compliance information

“This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.”

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Class B

FCC Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Compliance Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.