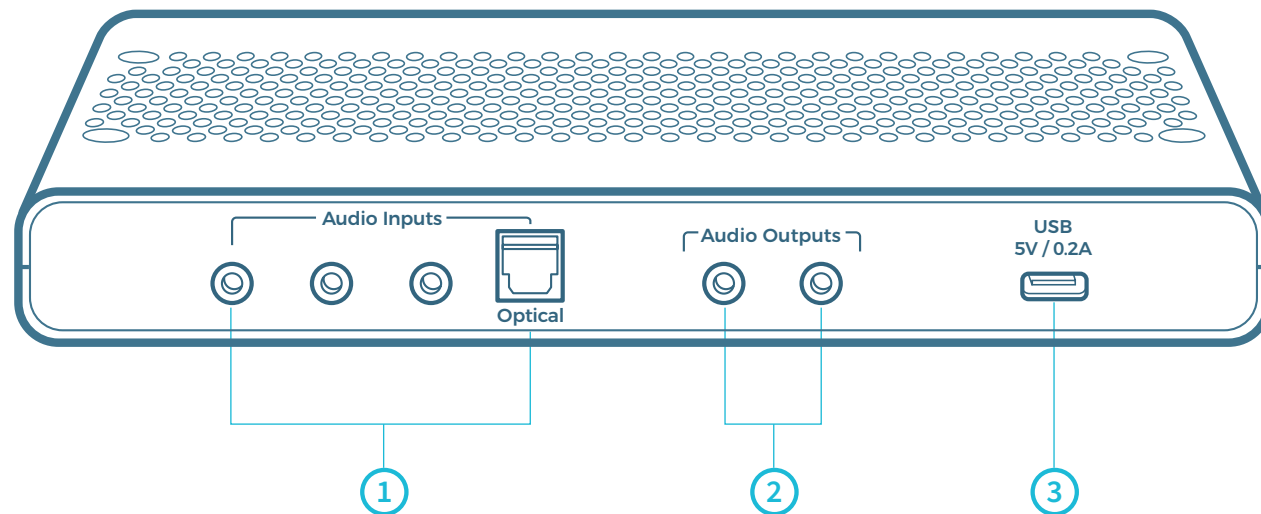




Media Connector Controls and Indicators

BACK PANEL

1. **AUDIO INPUTS:** Three analog 3.5mm stereo connectors and one digital optical connector for connecting classroom audio sources to be played through audio system.
2. **AUDIO OUTPUTS:** 3.5mm stereo connectors for connecting to an assisted listening device (ALD) or to a computer for recording.
3. **USB INPUT:** Plug the USB-C end of the power cable into this USB port on the Media Connector.
 - The USB port supplies power to Media Connector when connected to the Media Connector power supply, or from a laptop.
 - It also acts as an input for a digital audio when connected to an audio source. Note that when the USB is used for audio input, the other four audio input jacks are not operational.





Media Connector Set Up and Operation

DETERMINE LOCATION

Media Connector is designed to be connected to the primary media source in the classroom, usually the computer or display panel.

WALL-MOUNT OR DESKTOP

The Media Connector can be placed on a table surface or wall-mounted.

- Choose a location that is convenient to the classroom audio sources and power supply.
- It should be located 3-6 feet off of the floor to allow for good transmission.
- Do not enclose in a metal cabinet or in a location where the signal will be obstructed.

NOTE: The Media Connector does not require a direct line of sight to the Redcat. However it functions best when no obstructions are between the two devices.

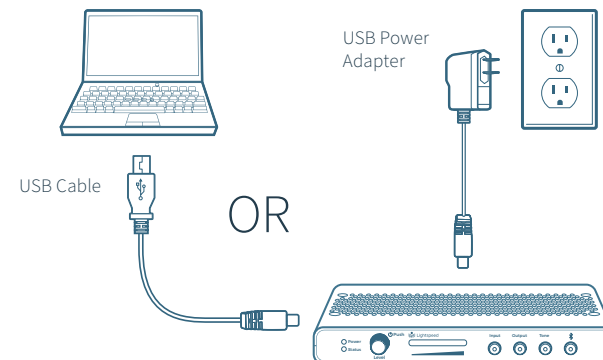


CONNECT TO POWER

Connect the USB power cord to a computer.
Plug the USB cable into the USB input on the back of the Media Connector.

OR

Use the USB power adapter to plug into a wall outlet.





Connecting Media Connector to Audio

Audio can be connected using either a digital 2-way USB audio or analog audio:

USB Audio

If locating and connecting to computer USB, Media Connector will default to digital USB audio (3.5mm analog audio ports will be disabled). USB audio enables a 2-way audio link to:

Send audio from the computer to the Redcat to ensure all audio can be played through the Topcat speaker.

Send audio to the computer from the Redcat to ensure the teacher's Clearmike and any student microphones are clearly picked up by a video conferencing solution.

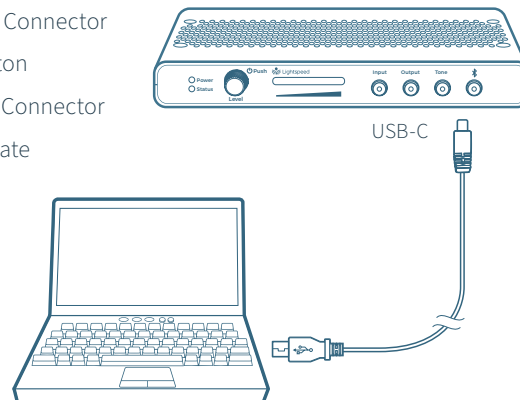
DISABLE/ENABLE USB Audio

To disable USB Audio and use computer USB for power only

- Unplug USB cable from Media Connector
- Press and hold Audio Output button
- Plug USB cable back to Media Connector
- Status light turns white to indicate USB disabled
- Release Audio Output button and system will reboot with disabled USB-C audio
- Analog Audio Inputs are now active

To enable USB Audio on your Media Connector

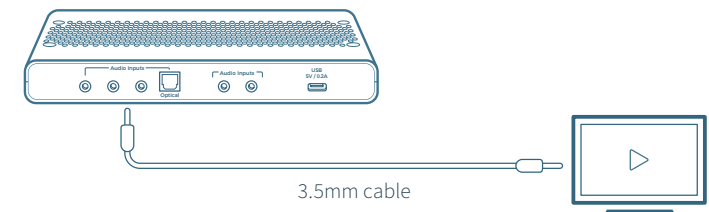
- Unplug USB cable from Media Connector
- Press and hold Audio Out button
- Plug USB cable back to Media Connector
- Status light turns blue to indicate USB-C is enabled
- Release Audio Out button and system will reboot with enabled USB-C audio
- Analog Audio Inputs are now inactive



Analog Audio

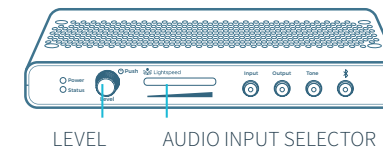
Plug your external audio equipment (e.g., video display) into one of the Audio input jacks.

Adjust the volume as needed by pressing the Audio Input selector and adjusting the level knob as needed.



Computer settings

Once connected, open computer sound setting to select “Lightspeed Audio” as the microphone and speaker.



SETTING THE VOLUME LEVELS

For recording, or to interface with an Assistive Listening Device, connect a 3.5mm cable to the Audio Output of the Media Connector to the microphone input on the device. Press the button for the desired level adjustment.

- Turn the knob to adjust volumes up or down for Audio Input/Output
- To adjust the Tone (bass/treble) of the speaker, press Tone and use the adjustment knob to turn the bass up and down



Pairing Redcat to Media Connector

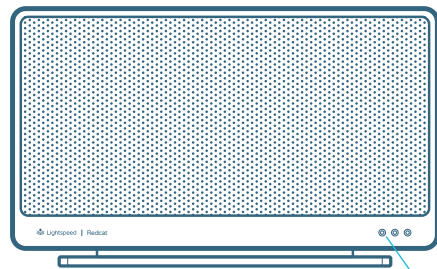
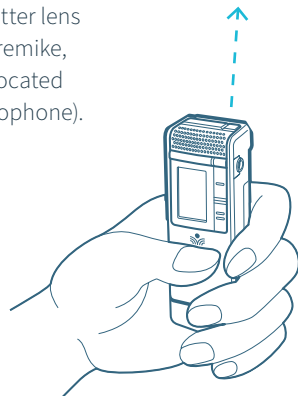


Your system is shipped with microphones and base units pre-paired for quick and easy use. If, for any reason, you need to pair new components, follow this pairing process:

PLEASE NOTE: Microphones should be out of the charger while pairing.

1

With the microphone turned on, point the IR transmitter lens toward Redcat (for ShareMike, the transmitter lens is located on the back of the microphone).



STATUS LIGHT

2

Press and hold the ClearMike power button for 5 seconds until the status light on Redcat starts flashing, then release the button. At this point, the status light on Redcat will blink for 30 seconds.

If after 30 seconds the status light blinks rapidly, you will need to start the pairing process again.

3

On the Media Connector, press and hold the Tone Selector button for 5 seconds to put it into pairing mode.

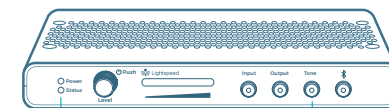
When the status lights are solid on both Redcat and Media Connector, pairing is successful.

POWER IR TRANSMITTER



CLEARMIKE

MEDIA CONNECTOR



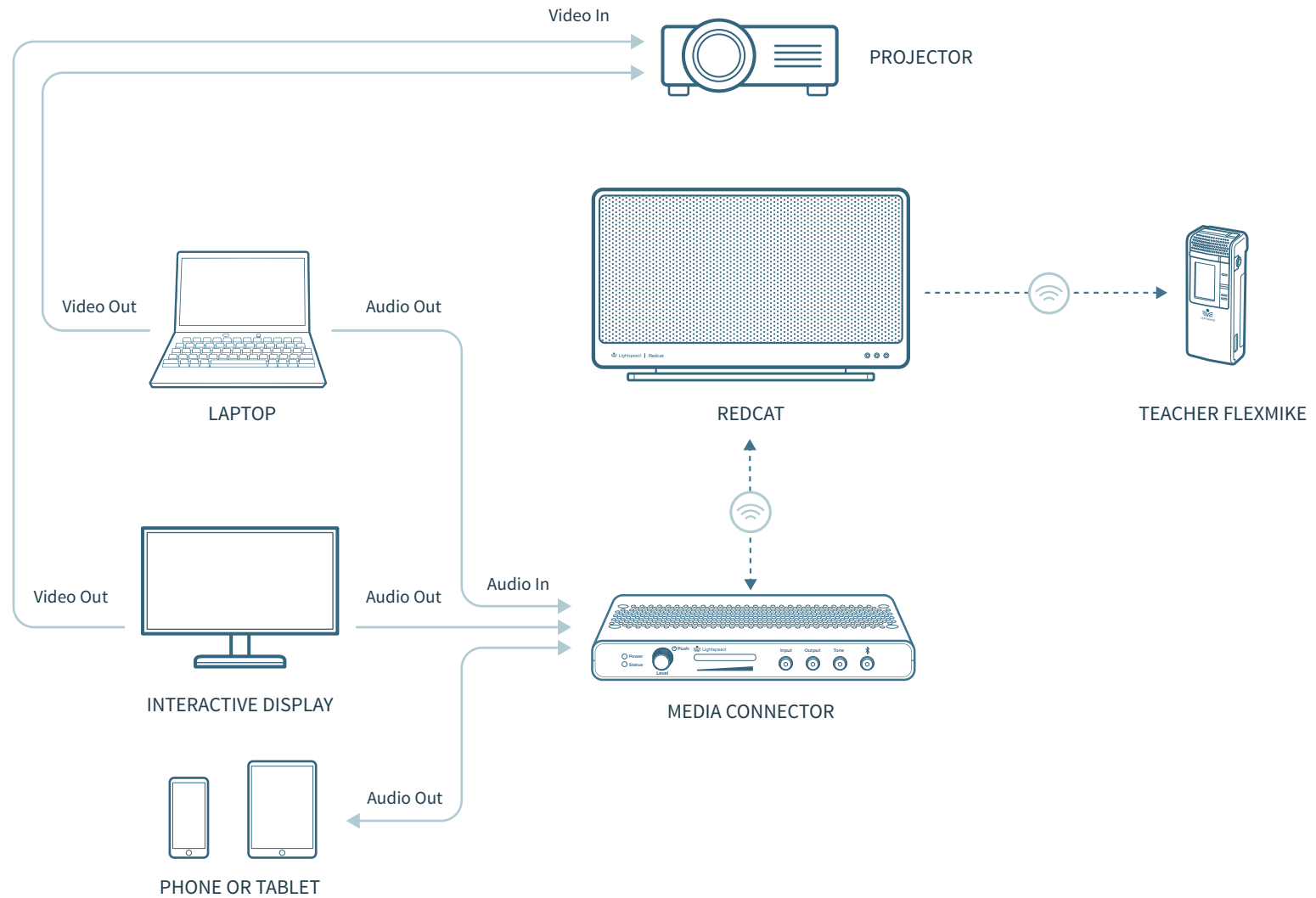
STATUS LIGHT

TONE SELECTOR BUTTON



Audio Integration with Media Connector

The Media Connector is designed to integrate multiple audio sources quickly and easily.

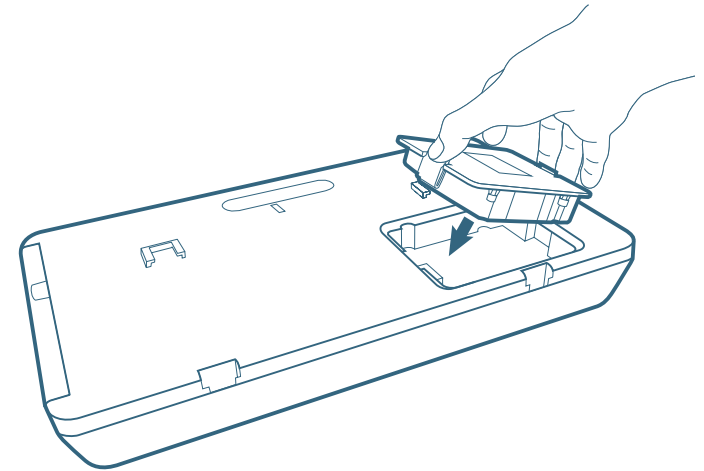




Battery Pack for Redcat

ADDING A BATTERY PACK TO REDCAT (PART # L14V)

1. Find and open the battery compartment by squeezing together the tabs located on each side of the compartment door. Remove and recycle door.
2. Place the battery pack into the compartment by squeezing together the tabs on either side of the battery pack and inserting it into the compartment. Match the connection on the battery pack with the connection in the battery compartment on the back of Redcat.
3. Ensure that the battery pack snaps firmly into Redcat.
4. Redcat will automatically power on when battery pack is inserted properly.
5. If Redcat has been powered down, press the ON/OFF button to power on the unit. The front panel POWER light will glow blue.



USING REDCAT WITH BATTERY PACK

1. When Redcat is in use with the battery pack, the POWER light will blink red if battery is low.
2. Charge battery pack by plugging Redcat into the 24V / 1.75A power supply.
 - If Redcat is turned on, the POWER light will turn red for two seconds when power supply is first plugged in, and then turn solid white.
 - The POWER light will be solid red while charging if Redcat is turned off. The light will turn green when charging is complete.
3. Redcat will continue to operate while battery pack is being charged.
4. When Redcat is being charged while turned on, you can check charging status by pressing the ON/OFF button. The POWER LED will glow green for a fully charged battery and red to indicate more charge is necessary. The ON/OFF button must be pressed again to turn Redcat back on.
5. When Redcat is powered by the battery pack only, it can be turned off completely by pushing the ON/OFF button. To help maintain battery life, it will automatically turn off after two hours of inactivity.
6. When Redcat is powered by battery pack only, it cannot be turned on again by Clearmike, Sharemike, Activate Station or Media Connector. The ON/OFF button must be pushed.
7. It is not necessary to unplug the power supply for every day use.

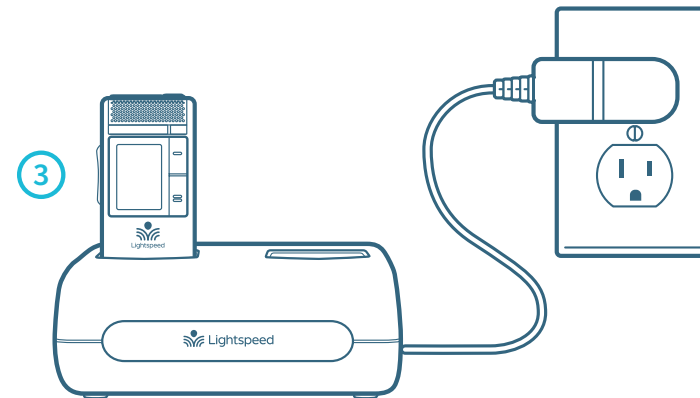
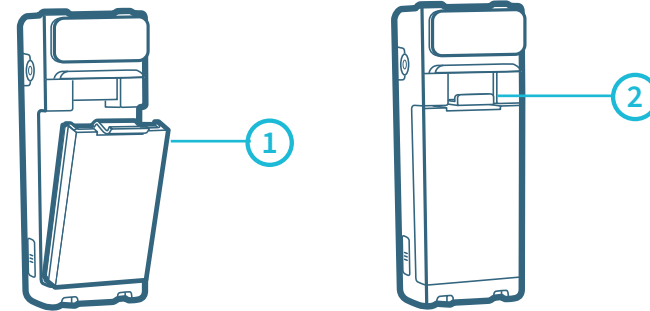


MAINTENANCE & TROUBLESHOOTING

Clearmike Battery Replacement

Battery part #L3.7V

1. Push down on the latch and carefully pull the battery pack away from the Clearmike.
2. Insert new battery pack as shown and make sure the latch is secure.
3. Place the Clearmike in a cradle charger to charge the battery pack.

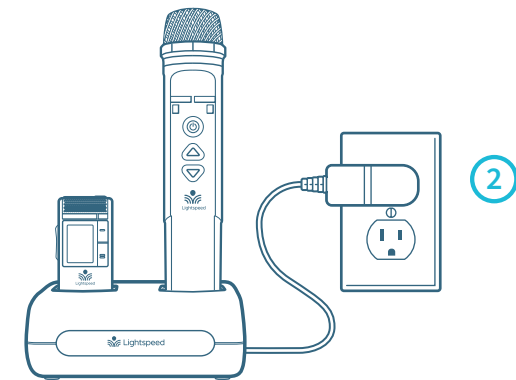
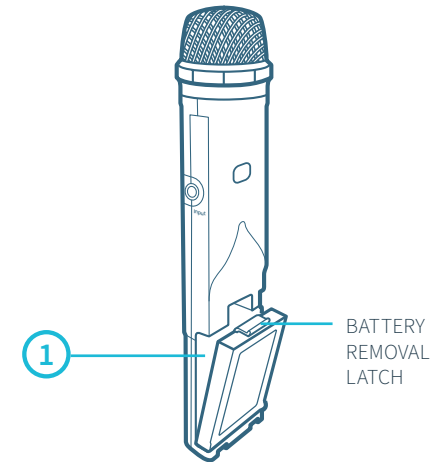




ShareMike Battery Replacement

Battery part #L3.7V

1. Push down on the latch and carefully pull the battery pack away from the ShareMike.
2. Insert new battery pack as shown and make sure the latch is secure.
3. Place the ShareMike in a cradle charger to charge the battery pack.



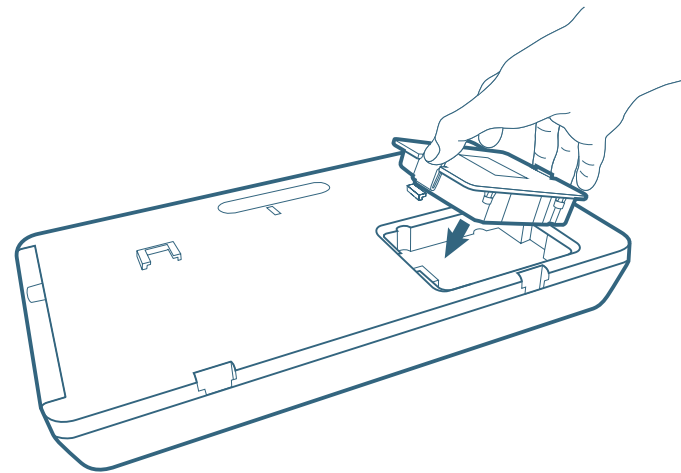
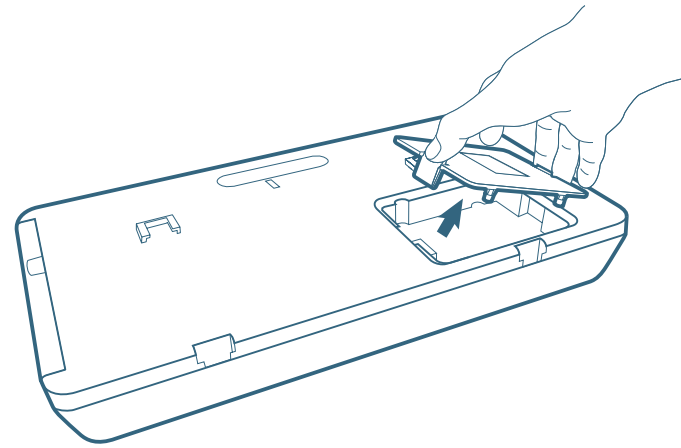


Redcat Battery Replacement

Remplacement de la batterie Redcat

BATTERY PART # L14V

1. Find and remove the battery pack on the back of Redcat by pinching the tabs located on each side of the battery pack.
Localisez et retirez le bloc-batterie situé à l'arrière du Redcat en pinçant les languettes situées de chaque côté du bloc-batterie.
2. Place the new battery pack into the compartment by pinching the tabs on either side of the battery pack and inserting it into the compartment. Ensure that the connection on the battery pack matches up with the connection on the back of Redcat.
Insérez le nouveau bloc-batterie dans son compartiment en pinçant les languettes situées de chaque côté du bloc-batterie et en l'insérant dans le compartiment. Assurez-vous que le connecteur de la batterie corresponde au connecteur situé à l'arrière du Redcat.
3. Ensure that the battery pack snaps into Redcat.
Assurez-vous que le bloc-batterie s'enclenche correctement dans le Redcat.
4. Redcat will automatically power on when battery pack is inserted properly.
Le Redcat s'allumera automatiquement lorsque la batterie sera correctement insérée.
5. Dispose of used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.
Jetez la pile usagée sans tarder. Tenir hors de portée des enfants. Ne pas démonter et ne pas jeter au feu.





Troubleshooting

PROBLEM: Low battery indication: Most problems are directly related to low battery power. Please run through the “Battery Check” items first. For remaining troubleshooting, use known good, fully-charged batteries.

SOLUTION: Battery Check

- Confirm batteries are charged each night. A solid red light on the battery status light indicates a low battery.
- Confirm proper batteries are used: Clearmike and Sharemike require the Lightspeed #L3.7V rechargeable battery pack.
- Make sure the microphones obtain a full charge. A full charge takes 5-6 hours.
- When charging the transmitter, the red charging light is solid. The green light will be solid when a full charge is reached.

PROBLEM: Microphone doesn’t indicate a “Ready” signal (solid white light)

SOLUTION: Follow these steps to ensure the system is ready to use.

- Ensure the power button on the microphone is turned on. Once turned on, the white light should begin blinking.
- Power the microphone off, then on again after a few seconds. Wait for up to 30 seconds for the white light to turn solid, indicating READY for operation.

If you review these instructions and still have questions, call Lightspeed Technical Services at 800.732.8999, 5 am – 5 pm, PST. Customers outside the U.S. should contact their local reseller.

PROBLEM: Low volume or feedback

SOLUTION: Follow these steps to eliminate low volume or feedback:

- If the volume is too high, feedback will occur. Adjust accordingly.
- Adjust the volume level on the Clearmike.

PROBLEM: No Sound From Amplifier.

SOLUTION: Follow these steps to produce sound from Redcat.

- Confirm that the blue POWER light located on the front panel of Redcat is on.
- Confirm that microphone is not muted. A solid white light on the top of microphone will indicate it is muted.
- Check volume level of Redcat. Make sure that the microphone volume level on Redcat, or the Media Connector if present, is not turned down all the way. Slowly turn up the volume level while talking into the microphone.
- If using the optional L14V battery pack, make sure the battery pack is fully charged. The power light on the front on Redcat should be solid blue.



WARRANTY & SAFETY

Five-Year Limited Warranty

Lightspeed Classroom Audio Systems are guaranteed against malfunction due to defects in materials and workmanship for a period of five (5) years, beginning at the date of the purchase invoice. If such malfunction occurs, the product will be repaired or replaced (at Lightspeed's option) without charge during the warranty period.

Lightspeed's Warranty Exchange Program applies to all classroom audio systems within the five (5) year warranty period. If a classroom audio product or component has an issue that requires service, a refurbished replacement will immediately be sent to the customer to minimize downtime. Customers will receive the exchange product(s) or component(s) within 2-3 days. A prepaid return label will be included with exchanged products so original malfunctioned equipment can be returned to Lightspeed. Any exchanged equipment will remain covered under the original five-year warranty.

1. Warranty on the Redcat is five (5) years.
2. Warranty on Lightspeed NiMH and Lithium Polymer rechargeable batteries is one (1) year.
3. A prepaid shipping label will be provided by Lightspeed for warranty repairs within the United States. Customers outside the U.S. should refer to the Lightspeed website (www.lightspeed-tek.com) for warranty repair instructions.
4. Warranty does not extend to finish, appearance items, or malfunctions due to abuse or operation other than specified conditions, nor does it extend to incidental or consequential damages. Repair by other than Lightspeed or its authorized service agencies will void this warranty. Information on authorized service agencies is available from Lightspeed Technologies, Inc.

Our Service Department (800.732.8999, 5am–5pm, PST) will handle your repair or replacement needs.

Customers outside the U.S. should contact their local reseller.



Safety Warnings and Certifications



CAUTION
RISK OF ELECTRICAL SHOCK
DO NOT OPEN



THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.



CAUTION: The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, heat above 35 degrees C, or incinerate. Replace battery with Lightspeed Part Number L14V only. Use of another battery may present a risk of fire or explosion.



WARNING: Battery pack shall not be exposed to excessive heat such as sunshine, fire or the like. (1) The battery pack is not serviceable. Do not open, disassemble, or service any battery pack. (2) Do not crush or cut or puncture the internal battery cell. (3) Do not short-circuit the battery, or expose it to water or other liquids. (4) Do not touch the internal battery cell for any reason. (5) Keep the battery away from fire or a hot oven. Do not dispose of the battery into fire or a hot oven. (6) Keep the product with battery away from extremely low air pressure or high temperature surrounding environment. Battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas. (7) Stop using the battery pack if it is damaged, or if you notice any discharge or the buildup of foreign materials on the battery contacts. (8) Do not put the battery in trash that is disposed of in landfills. When disposing of the battery pack, comply with local ordinances or regulations. CAUTION: Risk of explosion if battery is replaced by any battery other than Lightspeed Part # L3.7V



Wall mount using #8 screws with a minimum head diameter of 0.3 inches, in all four mounting holes.



Use only with one of these power supplies:

Manufacturer

Dee Van Enterprise Co Ltd (Lightspeed)
GlobTek, Inc.
GlobTek, Inc.
Dee Van Enterprise Co Ltd (Lightspeed)

Model

DSA-60PFG-24 1 240250
GTM96600-6024-T3
GTM96600-6524-T3
DSA-42PFB-24



The **lightning flash** with arrowhead symbol inside an equilateral triangle is intended to alert the user to the presence of non insulated “hazardous voltage” within the product’s enclosure, which may be of sufficient magnitude to induce a risk of electric shock to persons.



The **exclamation mark** inside an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying this product.

CERTIFICATIONS



This product is listed to UL standards and requirements for electrical safety by Underwriters Laboratories Inc.



This product conforms with the essential requirements of the following European Union Directives: 2004/108/ EC Electromagnetic Compatibility (EMC) and 2006/95/ EC Low Voltage Directive (LVD).



Lightspeed Technologies launched a formal product recycle program in Europe that complies with the European Union Directive 2002/96/EC on Waste Electrical and Electronic Equipment (“WEEE Directive”). Please visit www.lightspeed-tek.com for more information.



This product is manufactured using lead-free processes and is free of other materials harmful to the environment. It conforms to the most stringent new European guidelines for consumer products (RoHS).



Précautions De Sécurité et Certifications



ATTENTION

**RISQUE D'ÉLECTROCUTION
NE PAS OUVRIR**



CONFORMÉMENT AUX NORMES D'INSTALLATION APPLICABLES, CE PRODUIT DOIT ÊTRE INSTALLÉ PAR UNE PERSONNE FAMILIARISÉE AVEC LA CONCEPTION ET LE FONCTIONNEMENT DU PRODUIT ET CONSCIENTE DES RISQUE ENCOURUS.



AVERTISSEMENT La batterie utilisée dans cet appareil peut présenter un risque d'incendie ou de brûlure chimique en cas de mauvaise manipulation. Ne pas démonter, ne pas chauffer à plus de 35 degrés Celsius et ne pas incinérer. Remplacez la batterie uniquement par une batterie Lightspeed portant la référence L14V. L'utilisation d'une autre batterie peut présenter un risque d'incendie ou d'explosion.



AVERTISSEMENT: La batterie ne doit pas être exposée à une chaleur excessive telle que le soleil, le feu ou similaire. (1) La batterie n'est pas réparable. N'ouvrez, ne démontez et n'entretenez aucun bloc-piles. (2) Ne pas écraser, couper ou percer la cellule de batterie interne. (3) Ne court-circuitez pas la batterie et ne l'exposez pas à l'eau ou à d'autres liquides. (4) Ne touchez pas la cellule de la batterie interne pour quelque raison que ce soit. (5) Gardez la batterie à l'écart du feu ou d'un four chaud. Ne jetez pas la batterie au feu ou dans un four chaud. (6) Gardez le produit avec la batterie à l'écart d'une pression d'air extrêmement basse ou d'un environnement à haute température. Une batterie soumise à une pression d'air extrêmement faible peut provoquer une explosion ou une fuite de liquide ou de gaz inflammable. (7) Arrêtez d'utiliser la batterie si elle est endommagée ou si vous remarquez une décharge ou l'accumulation de corps étrangers sur les contacts de la batterie. (8) Ne jetez pas la batterie dans des ordures qui sont jetées dans des décharges. Lors de la mise au rebut de la batterie, respectez les ordonnances ou réglementations locales. Mise en garde: Risque d'explosion si la batterie est remplacée par une batterie autre que Lightspeed partie #L3.7V.



Montage mural à l'aide de #8 vis avec un diamètre de tête minimum de 0.3 pouces, dans les quatre trous de montage.



À utiliser uniquement avec l'une de ces alimentations :

Fabricant

Dee Van Enterprise Co Ltd (Lightspeed)

GlobTek, Inc.

GlobTek, Inc.

Dee Van Enterprise Co Ltd (Lightspeed)

Modèle

DSA-60PFG-24 1 240250

GTM96600-6024-T3

GTM96600-6524-T3

DSA-42PFB-24



L'éclair flèche dans un triangle équilatéral avertit l'utilisateur de la présence d'une "tension dangereuse" non isolée à l'intérieur de l'appareil, qui peut être d'une ampleur suffisante pour constituer un risque d'électrocution.



Le point d'exclamation contenu dans un triangle équilatéral avertit l'utilisateur de la présence d'importantes instructions d'exploitation et de maintenance dans la documentation qui accompagne ce produit.

CERTIFICATIONS



Ce produit est certifié conforme aux normes et aux exigences UL en matière de sécurité électrique par Underwriters Laboratories Inc.



Ce produit est conforme aux principales exigences des directives de l'Union Européenne suivantes : 2004/108/EC Electromagnetic Compatibility (EMC) and 2006/95/EC Low Voltage Directive (LVD).



Lightspeed Technologies a lancé un programme de recyclage de produits en Europe conformément à la directive de l'Union Européenne 2002/96/CE relative aux déchets d'équipements électriques et électroniques (directive « DEEE »). Veuillez visiter notre page Web www.Lightspeed-tek.com pour plus de renseignements.



Ce produit est fabriqué en utilisant des processus sans plomb ni aucune autre matière nuisible à l'environnement. Il est conforme aux nouvelles règles européennes les plus strictes en matière de biens de consommation (RoHS).



FCC Statements

FCC Statements

NOTE: 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.

NOTE: Lightspeed Technologies is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: 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 or more 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.

NOTE: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm (8") between the radiator & your body



Canada, Industry Canada (IC) Notices

This device complies with Industry Canada license exempt RSS standard(s). This Class B digital apparatus complies with Canadian ICES-003 and CAN ICES-3(B)/NMB-3(B). 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. The IC number for this device is 1732B-LST25. This includes accessories such as the Clearmike (IC 1732B-LSCMT), Sharemike (IC 1732B-LSSMN) and Media Connector (IC 1732B-LSMCN).

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

RF Radiation Exposure Statement

Your microphone is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves (radio frequency electromagnetic fields) recommended by international guidelines. The guidelines were developed by Health Canada and include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

Canada, Avis d'Industrie Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-247. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement. Le numéro IC de cet appareil est 1732B-LST25. Ceci inclus les accessoires comme le Clearmike (IC 1732B-LSCMT), Sharemike (IC 1732B-LSSMN) et un Media Connector (IC 1732B-LSMCN).

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

Déclaration d'exposition aux rayonnements RF

Votre pied de micro est un émetteur-récepteur radio. Il est conçu pour ne pas dépasser les limites d'exposition aux ondes radio (champs électromagnétiques de fréquence radio) recommandées par les directives internationales. Les lignes directrices ont été élaborées par Santé Canada et comprennent une marge de sécurité importante destinée à assurer la sécurité de toutes les personnes, indépendamment de l'âge et de la santé.



EU Declaration of Conformity

According to EU Directives EMC 2014/30/EU, LVD 2014/35/EU, RED 2014/53/EU, RoHS 2011/65/EU

Manufacturer: Lightspeed Technologies, Inc.

Address: 11509 SW Herman Rd.
Tualatin, Oregon 97062

We herewith declare that the following systems comply with the appropriate basic safety and health requirements of the Directive based on its design and type, as brought into circulation by us. In case of alteration of the system, not agreed upon by us, this declaration will lose its validity.

Products: Redcat, Topcat, 975, Access Link, Flexmike, Sharemike, Pod, Activate Station, Media Connector, Mobile PA

Model Numbers: RCN, TCN, 975, ALN, FMN, SMN, POD, ACT, MCN, MPA

As applicable, products conform to the standards listed below:

EN 62368-1:2014

IEC 62133:2012

EN 50385:2017

EN 50566:2017

EN 50663:2017

EN 62479:2010

ETSI EN 301 406 V2.2.2 (2016-09)

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-6 V2.2.1 (2019-04)

EN IEC 63000:2018

The Technical Construction File is available to proper authorities and the product is CE marked.

Lightspeed Representative

Date: December 6, 2022

Michael Frost, Compliance Engineer



EU Declaration of Conformity

In accordance with EU Directive and Regulations

Manufacturer: Lightspeed Technologies, Inc.

Address: 11509 SW Herman Rd.
Tualatin, Oregon 97062

As the manufacturer hereby declares under our sole responsibility that the

Product(s): *Wireless Audio Hub and Microphone*

Model: *Cascadia C25, T25, RCT, MCT, SMT and CMT*

is in conformity with the essential requirements of the RE Directive 2014/53/EU:

Radio Article: FCC 47 CFR Part 15D
FCC 47 CFR Part 15C
FCC 47 CFR Part 15B
RSS-213, Issue 3, 2015-03
RSS-Gen, Issue 5, 2018-04
ANSI C63.17 :2013
ANSI C63.4 :2014

Safety Article: IEC 62368-1: 2018

We hereby declare that [all essential radio test suites have been carried out and that] the above-named product is in conformity to all the essential requirement of Directive 2014/53/EU.

Lightspeed Representative

Date: December 1, 2025

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11509 SW HERMAN RD

Tualatin OR 97062, USA



System Components

STANDARD COMPONENTS

RCT	Wireless audio base station
24V-1.75A-NA	24V/1.75A power supply for Redcat
FSC	Transceiver cradle charger, power supply
5V1C	5V power supply for FSCC
CMT	Clearmike classroom transceiver with battery pack and lanyard
L3.7V	Lithium Polymer rechargeable battery pack for Clearmike, one per Flexmike
FL	Microphone lavalier cord

STANDARD COMPONENTS (outside U.S. and Canada)

RCTG	Wireless audio base station
24V-1.75A	24V/1.75A power supply for Redcat, specify country
FSC -INT	Transceiver cradle charger, power supply
5V1C -INT	International 5V power supply for FSC
CMTG	Clearmike classroom transceiver with battery pack and lanyard
L3.7V	Lithium Polymer rechargeable battery pack for Clearmike, one per Clearmike
FL	Microphone lavalier cord

OPTIONAL ACCESSORIES

SMT	Sharemike handheld transceiver with battery pack
L3.7V	Lithium Polymer rechargeable battery pack for Sharemike
USB C	Charging cable for Sharemike
EMA	Earset microphone with TRRS connector for Clearmike
LMA	Lapel microphone with TRRS connector for Clearmike
MCT	Media Connector with Access Technology, power adapter and power cord.



System Specifications

REDCAT

Description	Wireless audio hub
Wireless Communication	Access Technology (1.9 GHz)
Frequency Response	100 Hz – 15 kHz ± 6dB Overall, 150 Hz - 6.5 kHz Wireless
Power Supply Options	24VDC/1.75A
Power Output	40 WRMS total (20 WRMS/channel) with 24VDC supply
Tone Control	Bass/Treble control
Audio Inputs	One (1) 3.5mm input
Audio Output	One (1) 3.5mm output
Max Input/Output Level	1.4VRMS / 1.4VRMS
Total Harmonic Distortion	<1%
Dimensions (W x H x D)	9.0" x 6.1" x 1.2" (229mm x 155mm x 30mm)
Weight	17.5 oz (496g)

CLEARMIKE

Description	Pendant-style transceiver
Earbud Lanyard	Magnetic clasp with integrated earbud
Wireless Communication	Access Technology (1.9 GHz)
Integrated Microphone	Uni-directional electret
Analog Audio I/O	3.5mm TRRS
Digital Audio I/O	USB-C
Control Buttons	Power/mute, volume up/down, alert
Volume Control	+/- 12dB
Total Harmonic Distortion	<1%
Display	E-paper display
Battery Power	3.7V LiPo battery pack
Battery Life	8 hours (fully charged)
Charging	Cradle charger or USB-C
Dimensions (L x W x H)	3.0" x 1.2" x 0.9" (76mm x 30mm x 23mm)
Weight	1.3 oz (37g)

SHAREMIKE

Description	Handheld transceiver
Wireless Communication	Access Technology (1.9 GHz)
Total Harmonic Distortion	<1%
Integrated Microphone	Uni-directional electret
Audio Input	3.5mm TRRS
Battery Power	3.7V LiPo battery pack
Battery Life	8 hours (fully charged)
Charging	2 contacts for cradle charging
Power	On/off button
Registration	Push button for registration with Access Link
Dimensions (L x W x H)	6.0" x 1.1" x 1.1" (153 x 28 x 28mm)
Weight	2.6 oz (73g)

MEDIA CONNECTOR

Description	Wireless audio transceiver
USB Power	5V USB-C connector
Wireless Communication	Access Technology (1.9 GHz)
Tone Control	1 bass/treble control
Audio Input	Three (3) 3.5mm inputs, One (1) Toslink digital input
Audio Output	Two (2) 3.5mm outputs
Audio Link Indicator	1 LED on front panel
Device registration	Push button for Access Link
Dimensions (W x H x D)	7.5" x 4.2" x 1.14" (190 x 107 x 29mm)
Weight	8.6 oz. (245g)



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