




Activate System™

User Manual

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IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use the apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/ accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. When the mains plug or appliance coupler is used as the disconnect device, it shall remain readily operable.
16. Please keep the unit in a good ventilation environment.
17. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
18. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
19. Warning - battery pack shall not be exposed to excessive heat such as sunshine, fire or the like.

SECTION 1:

OVERVIEW

SYSTEM COMPONENTS AND UNPACKING

The standard configuration of the Activate System will contain:

Small group pods



Flexmike + earbud lanyard



Activate station with power supply



Activate Mobile App



PLEASE NOTE: Activate Station and Pods may be purchased as additions to an Access Classroom System for small group instruction. All Access components are registered together at the factory and are labeled as such. Please keep all components together as a system. Moving them from one system, or room, to another will result in the need to re-register them in order to function.

Standard Components (U.S. and Canada)

ACT	Activate Station with power supply
POD	Activate Pod with rechargeable battery pack
FM-EBL	Flexmike pendant microphone with earbud lanyard and battery pack
NH2.5V	2.5V NiMH rechargeable battery pack for pods
NH2.4V	2.4V NiMH rechargeable battery pack for Flexmike
24V-1.75-NA	16V/2.0A power supply for FCCS, U.S. and Canada

Standard Components (Outside U.S. and Canada)

ACT-1881-__	Flexcat charging station with power supply, specify country
POD-1881	Flexcat speaker pod with rechargeable battery pack
FM-EBL-1881	Flexmike pendant microphone with earbud lanyard and battery pack
NH2.5V	2.5V NiMH rechargeable battery pack for pods
NH2.4V	2.4V NiMH rechargeable battery pack for Flexmike and remote
24V-1.75-__	16V/2.0A power supply for FCCS, specify country

6. Safety & Specifications

5. Maintenance & Troubleshooting

4. Additional Information

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OPTIONAL COMPONENTS

Equipment which may be part of your system:

Additional pods



Team teaching kit:
2nd Flexmike + earbud lanyard



Optional remote control



Optional Accessories

POD	Activate Pod with rechargeable battery pack (U.S. and Canada)
POD-1881	Activate Pod with rechargeable battery pack (outside of U.S. and Canada)
FM-EBL	Flexmike with earbud lanyard (U.S. and Canada)
FM-EBL-1881	Flexmike with earbud lanyard (outside U.S. and Canada)
FCHRC1	Handheld remote control with battery pack
MSC3535	3.5mm-3.5mm stereo audio cable

POD CONTROLS AND CONNECTIONS



- 1. CHARGING INDICATOR:** this light turns red when charging, green to indicate charging complete. During operation, this light will turn green when the call button is pressed.
- 2. POWER/LOW BATTERY INDICATOR:** this light blinks blue when powered on, turns solid blue when ready for operation and turns red when the battery is low.
- 3. POD NUMBER:** the number will light as a clear visual indicator for the teacher to determine which pod represents which group number.
- 4. VOLUME:** up/down buttons adjust the volume of the pod speaker. The volume level (-5 to 5) will be shown in the LED window.
- 5. CALL BUTTON:** students can press this button to notify the teacher they need assistance.
- 6. LOUDSPEAKER:** the internal loudspeaker distributes the teacher's voice.
- 7. MICROPHONES:** the internal microphones that picks up the student's voice are located at each end of the pod.
- 8. HEADPHONE OUT:** connect headphones for private listening. The pod speaker is muted when headphones are connected.
- 9. USB CHARGING/POWER INPUT:** to charge pods in addition to those in the charging station, plug the charging cable from the Activate station or other USB power source into this jack.
- 10. POWER:** press to power on. Press and hold for 3 seconds to power off.

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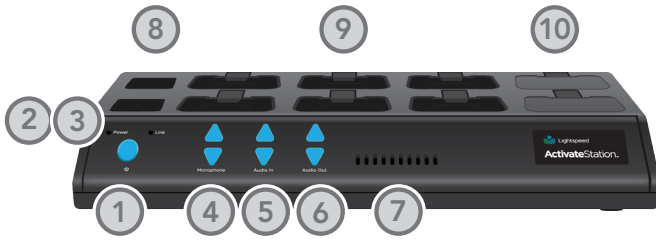
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ACTIVATE STATION: CONTROLS, CONNECTIONS AND INDICATORS



- POWER/SLEEP:** press to place the Activate Station and classroom audio system into sleep mode. The Activate Station will continue to charge devices when in sleep mode.
- POWER INDICATOR:** the light will turn blue when powered on, amber when placed in sleep mode.
- LINK INDICATOR:** this light is solid green to indicate Activate is connected to the audio system and ready for operation. It will blink green for several seconds when initially plugged into power.
- MICROPHONE VOLUME:** adjusts the volume level of the classroom speaker for all connected microphones. The indicator lights to the right change to show volume level.
- AUDIO INPUT VOLUME:** adjusts the level of multimedia devices plugged into the 3.5mm audio input ports.
- AUDIO OUTPUT VOLUME:** adjusts the level of ALD or recording devices plugged into the 3.5mm audio output ports.
- VOLUME LEVEL INDICATORS:** shows the volume level of the last source that was adjusted (Microphone, Input, Output). The source level will be updated once a new volume button is pressed.
- FLEXMIKE CHARGING SLOTS (2):** place your Flexmike(s) in these slots for nightly charging.
- POD CHARGING SLOTS (8):** place your pods in these slots for nightly charging
- CHARGING COVERS:** covers are included to protect unused pod charging slots from dust and debris

ACTIVATE STATION: CONTROLS, CONNECTIONS AND INDICATORS



11. **AUDIO INPUTS (1-4):** connect a multimedia audio source to wirelessly send the audio to be played through the whole classroom speaker(s).
12. **AUDIO OUTPUT (ALD):** connect Assistive Listening Device to send the whole classroom audio to an individual student's device.
13. **AUDIO OUTPUT (REC):** connect recording device to send the teacher's selected audio source - whole classroom speaker or individual pod - to a recording device or installed camera.
14. **BLUETOOTH PAIRING (1-2):** press this button to pair Activate to a mobile device. Download the Lightspeed Activate app from the iOS App Store or Google Play for complete instructions.
15. **ACCESS REGISTRATION:** this button is used to pair the Activate Station with the classroom audio system. If purchased together this is done by default at the factory.
16. **USB CHARGE OUTPUTS (PHONE/PODS):** use the first two USB ports to charge a mobile phone or additional pods.
17. **USB CHARGE OUTPUTS (PODS/REMOTE):** use these two USB ports to charge additional pods or optional remote control.
18. **AUX POWER INPUT:** 5V USB power from a laptop or USB power pack can be used in a portable application to power the Activate Station wireless audio functions (in place of the standard 24V power supply). Note charging is disabled when auxiliary power is used.
19. **DC POWER INPUT:** plug the primary 24V/1.75A power supply into this jack.

SECTION 2:

INITIAL SET-UP

1. DETERMINE SET-UP LOCATION

Activate Station:

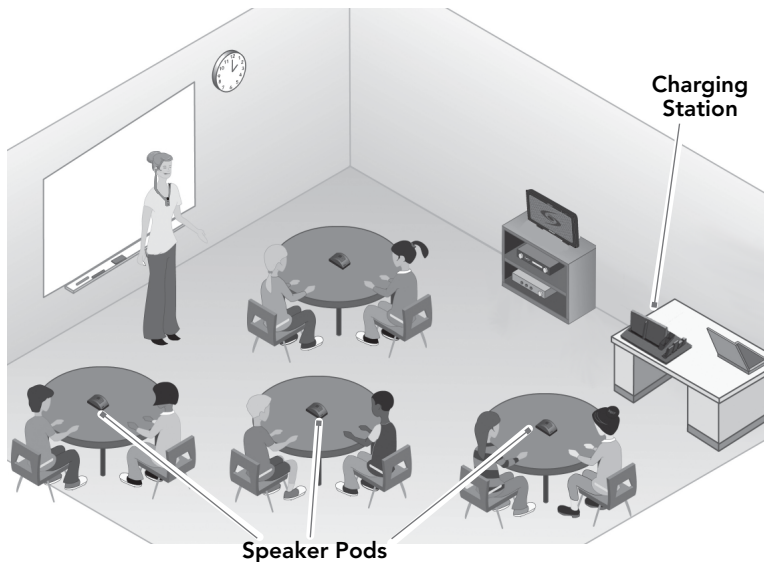
The Activate Station charges and organizes and charges the pods and microphone(s) and also wirelessly connects audio to the classroom audio system and your mobile device. Set it up in a convenient place near a power source that is highly accessible for both teachers and students. If plugging in multimedia audio sources, it should be located in close proximity to minimize cable runs.

Key considerations:

- Close proximity to AC power outlet
- Accessible for daily charging of all components
- Near multimedia audio sources if desired
- Do not place in a fully enclosed metal cabinet

Pods

The pods are designed to be highly portable and move around the room with the student group. For optimum audio quality, they should be placed in the center of a table or group. Pods can be taken out of the room up to about 100 feet before communication is lost.



NEW DIAGRAM REQUIRED

2. PLUG IN THE ACTIVATE STATION

1. Locate the 24V power supply and power cable.
2. Connect the AC power cord into the DC power supply.
3. Insert the DC connector into the DC Power jack on the back.
4. Plug the AC power cord into an electrical outlet.
5. The blue power light on the front of Activate Station will glow.
6. The green link light will begin blinking as it searches for its paired classroom audio base station (Redcat, Topcat, 955 or Access Link).

Note: If Activate System is being added to an existing Lightspeed audio system, please refer to please refer to the Registration Procedure at www.lightspeed-tek.com/accessregistration for proper pairing instructions.



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3. PLACE THE COMPONENTS IN THE ACTIVATE STATION

Prior to full operation, all system components should be fully charged (at least 8 hours) to ensure optimum performance. In most cases, there should be enough battery life for initial setup and testing.



1. Insert all pods into the Activate Station. If your system has more than 8 pods, the additional pods can be plugged into the USB charging ports on the back with the included cables.
2. Each pod will power on and the charge light will turn red to indicate normal charging. When fully charged, they will turn green.
3. Insert the Flexmike(s)* into the Activate Station.
4. The Flexmike(s)* will power on and charging light will turn red to indicate normal charging. When fully charged, it will turn green. The blue microphone 1 or 2 light will blink for several seconds as it establishes a link, then turn solid.
5. For systems with optional handheld remotes, those can be plugged into the rear USB Pods/Remote charging ports. The charging light will turn red to indicate normal charging. When fully charged, it will turn green.

If your Activate System was purchased together with a Lightspeed audio system (Redcat, Topcat, 955 or Access Link), all components were registered (paired) together at the factory.

The components are registered and ready for operation when:

- Microphone(s) has a solid blue #1 or #2 light
- Pods have a red LED number and solid blue power light
- Activate Station has a solid green link light

5. REGISTER ANY NEW ACTIVATE SYSTEM COMPONENTS

If the Activate Station and Pods were purchased separately from the Lightspeed classroom audio system, the new components will need to be registered (paired) with the audio system for operation.

Please visit the Lightspeed website at www.lightspeed-tek.com/accessregistration to obtain registration instructions.

6. DOWNLOAD THE MOBILE APP

With your iOS or Android device, visit the App Store or Google Play to download the "Lightspeed Activate" mobile app.



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7. PAIR YOUR MOBILE DEVICE TO ACTIVATE STATION

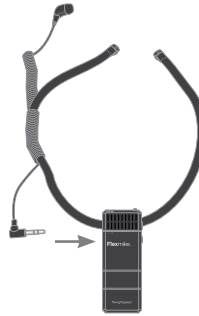
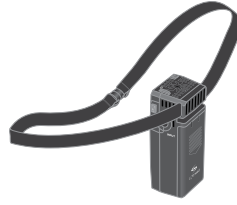
1. Open the Activate App on your device and make sure Bluetooth is turned on.
2. Follow the pairing instructions on the App to pair with the Activate Station. Press the Bluetooth 1 button on the back of the Activate Station. All the registered pods should appear on the mobile app.
3. Now you will be prompted by the app to pair Bluetooth audio. Press the pair button within the Activate app when prompted - **please note the device name of the connected Activate Station.**
4. Go to your mobile device Bluetooth settings to complete the pairing process.
5. Select the specific Activate station as indicated. When prompted, enter the pin #0000 to complete the pairing process. The device should now show as connected.
6. Return to the Activate mobile app. It will take you through a tutorial on how to use the various functions, including some additional functions available only through the app.

**ADD SCREEN SHOTS AND
IMAGE OF BT PAIRING
BUTTON ON BACK OF
ACTIVATE**

8. SET UP THE FLEXMIKE + EARBUD

Initial Setup

- Locate the earbud lanyard
- Hang your Flexmike on the lanyard opposite the magnetic clasp.
- Plug the earbud into the headphone connection on the Flexmike.
- NOTE: if you prefer to wear the earbud in your left ear:
 - Turn the lanyard around so the earbud goes up to your left ear.
 - Route the plug around the back side of the microphone to plug into the headphone jack.



Wearing the Flexmike + Earbud Lanyard

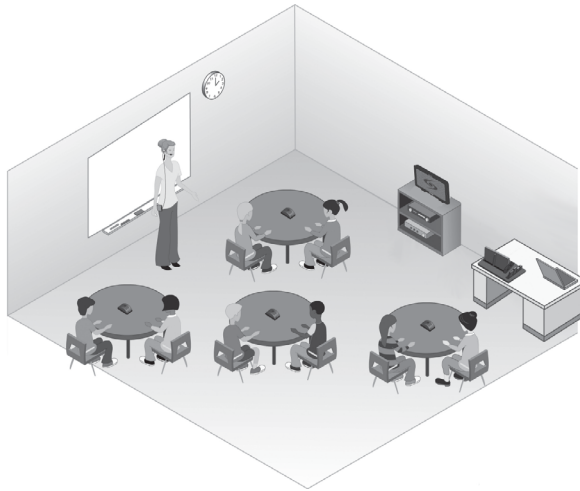
- The earbud can be worn in either ear depending on how the lanyard is connected to your Flexmike.
- Place the lanyard and microphone around your neck, connecting the magnetic clasps behind your neck.
- Insert the earbud into your ear
- If the earbud cable does not seem long enough to comfortably fit your ear, unwind it from the lanyard 2-3 coils.



9. SET THE PODS OUT IN THE CLASSROOM

The pods should be placed in the middle of student groups or learning stations as follows:

- Placed on a stable, flat surface
- Within 3-6 feet of all students in that group
- Top surface of the speaker should be clear with nothing set on top to ensure optimum sound quality and microphone pickup.



10. TEST GENERAL SYSTEM OPERATION

1. From your mobile device, open the Lightspeed Activate App.
2. Select the classroom speaker and begin speaking into your microphone. You should hear your voice and a comfortable, but not loud volume level. Tap the mute button to ensure that is working properly. The microphone icon on the app and the power light on the Flexmike will both turn red.
3. Select Pod #1. Note that it takes approximately 1.5-2 seconds to connect - the button will blink and you will hear a tone in your earbud to confirm that pod is live. Begin speaking and confirm that your voice is coming through that pod. You should also be able to hear audio in your earbud. If possible, have another person sit next to and speak into the pod. Try muting your microphone to just monitor the conversation.
4. Try selecting each of other pods to make sure they are all properly connected to the system.
5. Enable Pod to Class sharing by swiping one of the pods to the class speaker icon. This allows a student to pick up the pod and speak into it like a microphone to present to the class. The student's voice will be amplified by the class speaker, allowing all students to clearly understand. Note that the teacher's microphone can also be live or muted during student sharing.
6. Try capturing a video. Press the Record tab. The camera on your device will be activated. You should see a headphone icon on the lower left hand side of the screen to indicate a bluetooth audio connection is active. Swipe to the right to pull out the remote arc and select an audio source to record. To record just your microphone, select the class icon. To record a student conversation, select the specific pod to record that audio.
7. Press the red recording button to start the recording. Make sure you or another individual is speaking into the microphone and/or select pod. After several seconds, press the red stop button to end the recording.
8. Review the video. You can either click on the thumbnail for the video you just recorded, or click on the Library tab to pull up a list of your recordings. Select the video and press play. By default, the audio will play back directly to your earpiece. If you wish to play the audio back through the class speaker or an individual pod, un-mute the microphone and select the desired audio source from the control arc. Make sure you can hear the appropriate audio you were attempting to record.
9. That covers the general functionality of the system. Please refer to the tutorial in the mobile app and additional sections in this user manual for more detailed operation.

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9. SETTING SYSTEM VOLUME LEVELS

To allow for maximum flexibility, the Flexmike, pods and classroom audio system all have independent volume controls. To set the proper volume for your classroom, place the microphone around your neck and take the following steps:

Flexmike Volume (classroom speaker and pods)

To adjust, use the up/down buttons on the Flexmike.

1. Select an individual pod and begin speaking in a normal voice.
2. The volume should be at a level that the kids seated around the pod can clearly hear, but not so loud that other nearby groups could hear.
3. Press the class button to turn on the classroom speaker and speak in a normal voice.
4. The volume should be at a level that the kids can clearly hear from the other side of the room. You should just barely be able to hear your own voice.

NOTE: at proper volume levels, there should not be any "feedback" or squealing from the speaker outside of 2-3 feet. If there is, turn the Flexmike volume down slightly.



Pod Speaker Volume

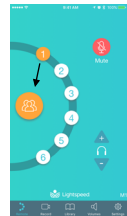
1. The speaker volume of each individual pod can be adjusted using the up/down buttons on the pod.
2. The default volume setting is at the center point or "0". The pods can be adjusted 5 "steps" up or down to a maximum of 5 and a minimum of -5.
3. Press the up/down buttons to adjust the speaker volume level as desired.



Pod to Class Volume

1. Enable "Pod to Class" sharing mode by swiping pod #1 to the class icon on the mobile app.
2. With the teacher's Flexmike muted, grab pod #1 and begin speaking, holding it 3-4" from your mouth.
3. The volume should be just loud enough to hear your own voice, but loud enough to enable kids on the other side of the room to clearly hear you (it is helpful to have another person in the room to verify).
4. Press the volume tab and adjust pod to class volume up/down on the to optimize the level.

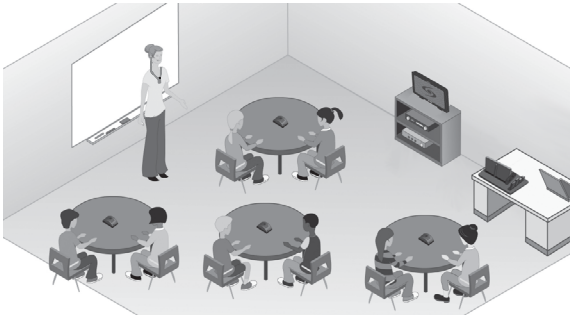
NOTE: check the pod sharing volume level at the pod nearest the classroom speaker to verify there is no "feedback" or squealing. If there is, turn down the volume slightly.



SECTION 3:

DAILY OPERATION INSTRUCTIONS

1. Remove the Flexmike from the charger and put on.
2. Remove the pods from Activate Station and place them on the group tables.
 - Note the location of the pod numbers.



- The microphone will default to the Mute position, the microphone status light will turn to red.
- Place the microphone around your neck and insert the earbud.
- Press the power/mute button. The microphone status light will turn blue, indicating the microphone is active.



Power /
Mute



3. Open the Lightspeed Activate app on your mobile device and begin instruction. Use the app to:
 - Address the whole class
 - Monitor and Instruct small groups
 - Activate student group sharing
 - Capture an audio/video recording
 - Take classroom photos
 - Adjust volume levels



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DAILY OPERATION CON'T

4. Using the Activate mobile app:

(Refer to the app tutorial for instructions)

Function	Command	Description
Whole Class Instruction	Press class button	Activates classroom speaker to distribute teacher's voice to the entire room.
Small Group Instruction	Press Pod #	Connect to each individual student group pod. The pod # button will light and a tone will sound in the earbud when connected (1-2 seconds).
Just Listen	Press MUTE	Mute your microphone and move from pod to pod to monitor (listen only) student groups, gaining critical insights to the learning process.
Pod to Class Sharing	Swipe Pod # to class button	Allows one student group to address the whole class. Both the class and pod # buttons will turn orange.
Disconnect	Press activated pod # again	Disconnects the transmission and turns any audio off.
Teacher earbud volume	Press Vol UP/DOWN arrows	Turns the volume to the teacher's earbud up or down.
Recording	Tap the record tab	Select video, audio, or photo to capture. Tap the record button to begin.
Recording audio source	Swipe right to reveal control arc	Tap the desired audio source: class for teacher microphone only, or any pod to capture student group interaction.

5. Pod call button:

- Each pod has a call button for students when they need assistance.
- When the button is pressed, a tone sounds in the teacher earbud and the corresponding pod # will blink on the app.
- The light will continue to blink until the teacher selects that pod.
- To clear multiple blinking lights: press class button.
- If undesirable, this feature can be turned off in the app settings.

6. Return the components to the Activate Station for nightly recharging:

- Place all components in their respective charging slots
- Charging lights will light: red = charging; green = fully charged.
- The units will fully charge overnight.

SECTION 4:

RECORD AND CAPTURE

1. VIDEO + AUDIO RECORDING

The Activate mobile app allows teachers to utilize their device video camera synched together with the Activate system audio to capture key moments in the classroom. Through the Bluetooth audio link, the App will seamlessly synch up the selected audio source (teacher microphone or pods) with the video you have recorded.

1. Tap the record tab

- Verify the Bluetooth audio connection is present as indicated by a "headphone" icon in the lower left hand corner of the screen.
- Select Video capture at the top of the screen.

2. Select desired audio source

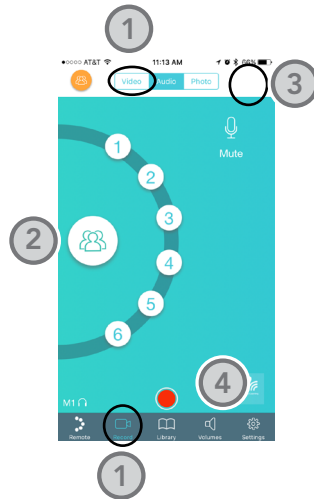
- Note the select source in the upper left hand corner of the screen.
- If you wish to change the source, swipe right on the screen to reveal the control arc.
- To record teacher audio only, select the class button. Make sure you microphone is unmuted.
- To record student group audio, select the desired pod.

NOTE: for optimum student audio quality, the teacher microphone should be muted.

3. Select front or back camera

4. Begin recording

- Tap the red record button to begin the video recording.
- Tap the button again when you are ready to stop.
- You will see the last recorded video appear as a thumbnail for quick review.



2. AUDIO ONLY RECORDING

In addition to video recording, teachers can record just the audio of a lesson or student interaction. with the video you have recorded.

1. Tap the record tab

- Verify the Bluetooth audio connection is present as indicated by a “headphone” icon in the lower left hand corner.
- Select Audio at the top of the screen.

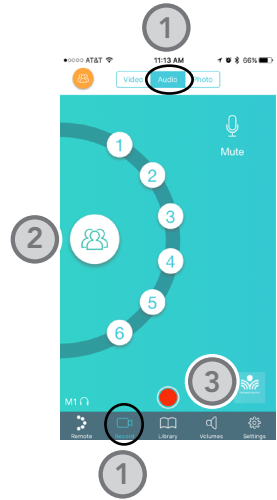
2. Select desired audio source

- Note the select source in the upper left hand corner of the screen.
- If you wish to change the source, swipe right to reveal the control arc.
- To record teacher audio only, select the class button. Make sure your microphone is unmuted.
- For student audio, select the desired pod.

NOTE: for optimum student audio quality, mute the teacher microphone.

3. Begin recording

- Tap the red record button to begin the video recording.
- Tap again when you are ready to stop.
- You will see the last recorded audio file appear as a thumbnail for quick review.



3. PHOTO CAPTURE

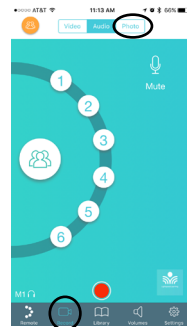
While utilizing the video and audio recording, teacher can also snap still photos of their students to capture student interaction and classroom activities.

1. Tap the record tab

- Select Photo capture at the top of the screen.

2. Capture Photos

- Tap the white photo button to capture an image
- You will see the last photo file appear as a thumbnail for quick review.



4. RECORDING LIBRARY AND PLAYBACK

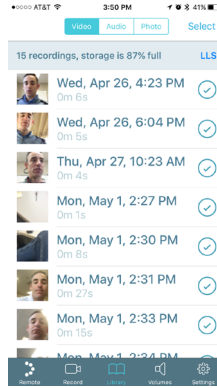
All of your captured video, audio and photo files are organized and stored in the library tab for easy review.

1. Tap the Library tab

- Select from video, audio or photo library at the top of the screen

2. Tap the desired file to begin playback

- Press the play button at the bottom of the screen and adjust volume on your mobile device as desired.
- Play back audio will default to the teacher earbud.
- To direct the audio to the class speaker or a pod, swipe left on the screen to reveal the control arc.
- Select the desired pod or class speaker, and unmute the microphone.

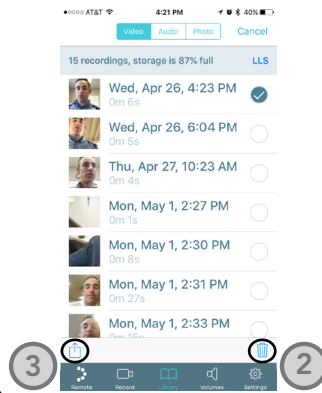


3. Deleting files Edit library and sharing

- Tap the select button and select the desired files to delete.
- Press the trash icon to delete.

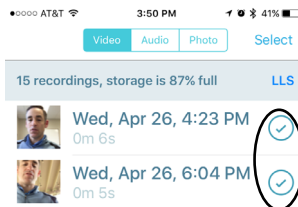
4. To send files to another destination

- Tap the select button and select the desired files to send
- Tap the upload icon on the bottom right of the screen
- Select from the menu on your mobile device where you want to send the file(s) - send via SMS or email, share on social media, send to cloud storage server, etc.



5. Automatic file upload to Lightspeed Learning Space

- When connected to Lightspeed Learning Space account, files will automatically upload
- Files marked with a check-mark indicate successful upload to the LLS cloud service and are available for viewing, sharing, and collaborating.



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SECTION 4:

ADDITIONAL OPERATION INFORMATION

LIGHTSPEED LEARNING SPACE INTEGRATION SETUP

The Activate app is designed to fully integrate with your Lightspeed Learning Space account, providing automatic uploads of video, audio and photo files for storage, viewing, sharing and collaborating. To connect to your Lightspeed Learning Space account:

1. Tap the Settings tab

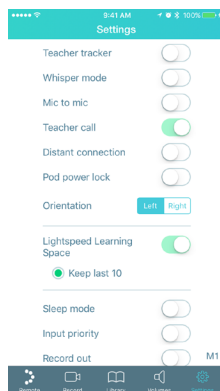
- Toggle Lightspeed Learning Space on

2. Toggle Lightspeed Learning Space ON and enter your account information

- You will be prompted to enter the user name and password

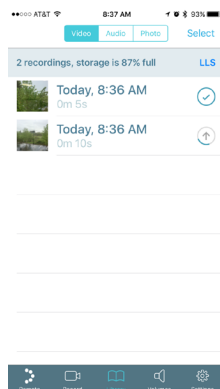
3. Determine local file storage limit

- To keep the last 10 files stored locally on your mobile device, click that option.
- If left on checked, only the last recording will be stored locally on your mobile device.



4. Test with a new recording

- Click the record tab and capture a video file.
- Once you stop the recording, click on the library tab.
- You will notice an uploading icon next to the last video file. Once the upload is complete after several seconds (a checkmark will appear).
- You can click on the "LLS" link in the grey bar to directly connect to your LLS account to verify the file the upload is complete.

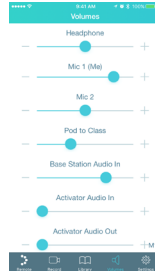


Note: A subscription and user account is required to integrate with Lightspeed Learning Space. Visit www.lightspeedlearningspace.com for more information.

ADDITIONAL CAPABILITIES AVAILABLE WITH ACTIVATE APP

Additional volume adjustments:

On the Volume tab, the teacher can adjust headphone volume, Microphone #1 and #2 volume, Pod to Class sharing, and volume level on the Access amplifier audio input, and Activate Audio In and Out. The pod to class sharing volume can be adjusted only when in the "Pod to Class Mode" (one pod addressing the class through the classroom speaker).



Teacher tracker:

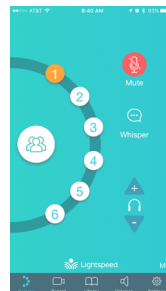
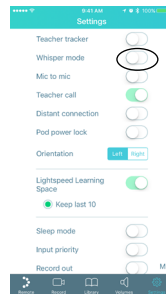
If your system is equipped with a second microphone, this feature allows a teacher to see which group the other instructor is communicating with. When this feature is toggled on, it places a ring around the group the other teacher is connected to.

- In the Settings tab, toggle Teacher Tracker to on to activate this mode.

Whisper Coach mode:

For the purpose of live observation and coaching, Activate allows a coach or administrator to provide immediate feedback directly to the teacher. With whisper mode, a second microphone (for the coach) follows the primary teacher around, listening to the same groups and the interaction the teacher has with those groups. When the coach observes an improvement opportunity, he/she can quickly unmute their microphone and speak directly into the teacher's earpiece, delivering a quick feedback in the moment.

- In the settings tab, toggle Whisper Mode to on.
- The instructor who toggles Whisper Mode on will be designated as "Coach" and will follow the teacher.
- Return to the remote page, and a "Whisper" icon will appear.
- To begin a whisper conversation, press the whisper



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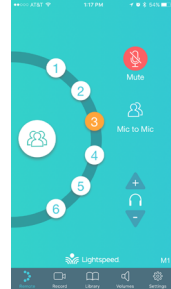
2. Initial Set-up

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ADDITIONAL CAPABILITIES AVAILABLE WITH ACTIVATE APP CONT'D

Mic to Mic:

If your system is equipped with a second Flexmike, the Activate app allows you to activate Mic to Mic mode where two teachers can have a direct 2-way conversation with each other. Toggle the Mic to Mic function ON in the Settings tab and an icon will appear on the remote screen. Tap the Mic to Mic icon to call the other teacher.



Disable Teacher call:

Turning off this feature disables the call button on the side of the pods. This feature is turned on by default, allowing students to notify the teacher when they need assistance.

Pod Power Lock

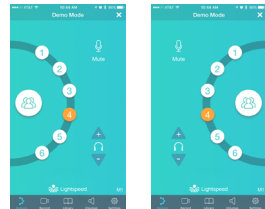
Turning this feature on will lock the pod power in the on position as long as the pods remain linked to the system. This is designed to prevent students from inadvertently powering the pods off. The pods are designed to remain on during charging, so there is generally no need to power them off.

Orientation:

Allows users to flip the orientation of the Remote screen to adapt to right and left handed users.

Enable Sleep mode:

Your Access system comes with sleep mode disabled by default, keeping it powered on and operable at all times. To engage sleep mode, toggle it to the ON position in the settings tab. The Access system will go into sleep (low power) mode after 2 hours of no activity. Wake the system back up by un-muting a microphone.



ADDITIONAL CAPABILITIES AVAILABLE WITH ACTIVATE APP CONT'D

Input priority:

Turning this feature on, gives all priority to an audio source connected to the amplifier audio input. When an audio signal is detected, all other audio coming through the amplifier (including both microphones) will be muted until the audio input signal ends. Microphone audio will then automatically come back.

Record out:

This allows users to set up Audio Output 2 as a true recording output to connect to an external video camera.

- When toggled off, this output will provide audio from the class speaker only. Keep this toggled off when interfacing with an ALD so the student receives just the audio from the teacher in whole class mode.
- When toggled on, this output will provide audio from any selected audio source - class speaker or pod.
- Select Mic or Line level signal depending on the recording device.

Search active pods:

In the event pods are added or removed from the system, press this button to search all active pods. After about 30 seconds, the remote will show only pods that are connected to the system.

Device registration (pairing):

To add or replace a microphone or pod it will need to be uniquely registered, or paired, to the Access audio system. Press the Devices Register button (under the settings tab) to initiate the registration (pairing) process for your new device and it will walk you through the process.



Reset Default Settings:

Pressing this will return the Activate App to its original settings, including volume levels and number of pods.

Unpair:

Press this button to unpair your mobile device from the Activate system. This is useful if you wish to take your device to pair up with a system next door.

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CHARGING PODS #9-12

If your system was equipped with more than 8 pods, those additional pods will need to be charged using the provide USB cable from the back of the Activate Station.

Charging:

- Connect the included charging cable(s) to any of the USB CHARGING OUTPUT ports on the back of Activate Station.
- Connect the other end of the cable to the Micro USB port on the pod.
- The red charge light on the Pod will light to indicate charging has begun.
- When fully charged, the light will turn green.

TIPS AND TRICKS TO SUCCESSFUL USE

Determining optimum placement of the pods

- Pods should be placed in the approximate center of the group
- They can be placed on the center of a table or on the floor where the students are sitting.
- The microphone is designed to pick up students in a 360 degree radius, so it also operates best when in the middle of a group.

Managing equipment and charging

- Leave all components in the on position.
 - When you place them on the charger, they will charge as normal.
 - When you remove them from the charger to start the day, they will be fully charged and ready for operation.
- Assign students to manage the charging of the group speakers.
 - Have one assigned student remove it from the charger to start the day and place it back on the charger at the end of the day.
- If using the LS Remote App, always leave the remote control on the charger to ensure it maintains its link with the Access amplifier and iOS device.

Determining proper volume levels

- This system is not designed to make the teachers voice louder, but to distribute it appropriately so it is heard clearly by the selected group of students or the whole class.
- The pods are designed to be used independently, so turning the volume up too loud can result in bleed-over to another group.
- Typical volume levels at a group speaker are about half of the maximum setting – approximately 12:00 on the dial.
- It should be loud enough that students in the desired group hear you as though you were speaking directly to them at a distance of 3 feet.
- The classroom speaker should also be at a level that is not loud, but clear throughout the whole room. Typically 12:00 on the Access amplifier 'Microphone Volume' control is appropriate.

TIPS AND TRICKS TO SUCCESSFUL USE

CONT'D

Student group sharing

- Press pod #, then rapidly press center button (or swipe pod to class icon on LS Remote App). This allows one student group to address the whole class. Both the center and pod # buttons will light and a tone will sound in the earbud when connected (1-2 seconds).
- To select another group to share with the class, simply press another pod #, followed quickly by the center button (or swipe another group to the class using the LS Remote App).
- For optimal voice pickup, students will likely need to lean in toward the group speaker to within about 24".
- Volume level is adjusted using the Access amplifier "Microphone Volume" control. Level is optimum at the center point, but can be adjusted as needed. NOTE: if you turn that volume up or down, you will likely need to turn the volume on the Flexmike down or up to compensate.
- To avoid feedback between the pod and classroom speaker, the nearest pod should be more than 6 feet away from the speaker.

If your system is equipped with team-teaching

- Make sure to use the corresponding Flexmike and remote for microphone 1 and 2, indicated as follows:
 - Flexmike: microphone 1 or 2 light is on
 - Remote: microphone 1 or 2 sticker on the back of remote (above barcode)
- If you are using the LS Remote App with team-teaching, each teacher will need an iOS device paired with Remote #1 or #2 to match their microphone.
 - When paired, the LS Remote App will show M1 or M2 to indicate which microphone it is operating with.

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SECTION 5:

MAINTENANCE & TROUBLESHOOTING

REGISTRATION OF REPLACEMENT OR ADDITIONAL EQUIPMENT

In order for all system components to operate and communicate with one another, they must be registered to the Access classroom audio system. When purchased as a complete system, major components (Access audio system, Flexmikes, remotes, and pods) will be pre-registered and ready for use, so there is no need to manually register anything.

In the event a component needs to be replaced or an additional component is added down the road, it will need to be registered. Please refer to the Registration Guide provided with the new components or on the Lightspeed website.

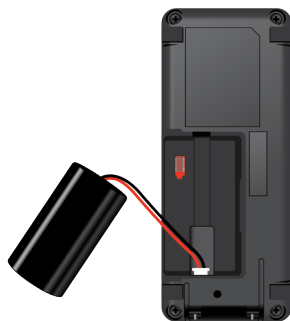
BATTERY REPLACEMENT

Overview of batteries

The pods and Flexmike contain rechargeable battery packs that require daily charging. The battery packs are covered under warranty for 1-year but have a useful life of about 2+ years before they should be replaced. The battery packs must be purchased directly from Lightspeed, and can easily be installed by the user.

Replacement of battery pack in pod

1. Slide the battery door open.
2. Pull the battery pack out and disconnect the cable.
3. Take the new battery pack, connect the cable and insert the battery pack into the compartment.
4. Slide the cover back on.
5. Place the pod in the Activate station to fully charge the new battery pack.
6. The charging light will turn red. It will turn green when fully charged (up to 10 hours).



WARNING:FIRE, EXPLOSION, AND SEVERE BURN HAZARD. When transporting any battery outside of a product, keep battery enclosed in plastic so as to prevent a short circuit and unintentional activation.

TROUBLESHOOTING

Note: Many 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.

PROBLEM: low battery condition.

SOLUTION: check the batteries and ensure proper charging.

- Confirm batteries are properly charged each night. Full charging can take up to 10 hours.
- When placing a component in a charger, ensure the red charging light turns on. The green charging light will turn on when a full charge is reached.
- Regardless of battery life, the red light will turn on for 20-30 minutes to check status. When battery is full, the light will turn green at some time after that.
- Fully charged batteries will operate properly throughout a full school day for a period of at least 1-2 years. If the batteries are older, they may need to be replaced.

PROBLEM: No audio from a speaker pod when selected.

SOLUTION: follow these steps to isolate and eliminate the problem.

- When the pod # button is selected on remote, ensure it turns green.
 - If it does not turn green, this indicates the pod or other component is either not on or not properly registered.
 - If the button turns red, this indicates the microphone is muted. Press the mute button on the remote.
- Ensure speaker pod is on and ready for use as indicated by a solid blue power light.
 - Power the unit on by sliding the switch on the bottom of the pod.
 - Try turning the speaker off, then on again and wait up to 30 seconds for it to properly link.
- Ensure the speaker pod volume is set to a nominal level. If it is turned all the way down, there will be no audio.
- Ensure the Flexmike is on and ready for use as indicated by a steady blue status light (#1 or #2).
 - If the microphone status light is blinking, that indicates the Flexmike is not linked up to the Access amplifier. Ensure the amplifier is plugged in to power.
 - Ensure there is a corresponding green 1 or 2 ready light on the Access amplifier
 - If the microphone status light is red, that indicates the Flexmike is muted. Press the mute button on the remote or Flexmike to unmute.
- Ensure the proper teacher remote is being used.
 - If there are 2 microphones with the Flexcat system, each Flexmike must be paired together with a specific remote, marked Teacher 1 or Teacher 2.
 - Check microphone status indicator light (1 or 2) is on. Ensure you are using the corresponding remote, marked Teacher 1 or Teacher 2 on the serial number label on the back.

TROUBLESHOOTING CONT'D

- Ensure teacher remote is working properly.
 - Press the center “Whole Class” button. It should be lighted green.
 - If it doesn’t light, make sure the Access amplifier is plugged into power and the blue power light is on.
 - Ensure the batteries are fully charged. If the red battery low light is on, it can cause intermittent operation.

PROBLEM: Remote does not light or activate a speaker pod(s).

SOLUTION:

- Ensure the batteries have a charge. They should be charged nightly.
 - If the red low battery light is on, it can cause intermittent operation.
- Try pressing the center “Whole Class” button. It should be lighted green.
 - If this button lights, the remote has a battery charge and is properly linked up. The problem is likely with the pod or pods that do not activate, refer to the “No audio from speaker pod” troubleshooting section.
 - If this button doesn’t light, make sure the Access amplifier is plugged into power.
 - Check to see that the Flexmike is powered on and linked, as indicated by a solid blue light. If that light does not go solid blue, try powering the Flexmike and Access amplifier off, then on again.
 - Check to see that there is a corresponding green 1 or 2 ready light on the Access amplifier.
 - If the microphone still does not link up (turn solid blue), it may need to be re-registered to the Access amplifier. Please refer to the Flexcat registration guide on the Lightspeed website.
 - If there is a second remote, check to see if that operates correctly.

PROBLEM: Feedback or squealing from pod speaker

SOLUTION:

- Make sure the teacher’s Flexmike is 2 feet or more away from the pod. Operation at very close distance can cause feedback.
- Try turning the volume down on the bottom of the pod. Typical volume levels should be around the mid-point (12:00 on the dial).
- Turn the volume on the Flexmike down 1-2 clicks.

TROUBLESHOOTING CONT'D

PROBLEM: Feedback or squealing from classroom speaker

SOLUTION:

- Make sure the teacher's Flexmike is 2-3 feet or more away from the speaker. Operation at very close distance can cause feedback.
- Make sure the nearest pod operating in student sharing mode is at least 6 feet away from the classroom speaker. Operation at very close distance can cause feedback.
- Mute the teacher's Flexmike. If the feedback or squealing persists, the feedback is being caused by a pod that is in student sharing mode.
 - If the feedback or squealing goes away, the feedback is being caused by that Flexmike, likely due to the volume level being too high. Press the volume down button on the Flexmike 1-2 clicks.
 - If the feedback or squealing persists, the feedback is being caused by a pod that is in student sharing mode. Turn the "Microphone Volume" on the Access amplifier down slightly. (NOTE: you may need to press the UP volume on the Flexmike up 1-2 clicks to compensate).

PROBLEM: Cannot hear students in monitor mode

SOLUTION:

- Ensure the desired pod is selected as indicated by a green or red light on the pod # button on the remote.
- Make sure the earbud volume is turned up loud enough to hear by pressing the Vol UP button on the remote (Vol button on left).
- Make sure the earbud is fully plugged into the headphone jack on the Flexmike.
- Select another pod to see if you are able to hear audio from that pod. If you hear audio, the issue is with one specific pod.
- Turn the power of the problematic pod off, wait several seconds, then on again. Let the pod link back up again as indicated by a solid blue light, then try selecting that pod again.

PROBLEM: Student sharing volume is too loud or too quiet

SOLUTION:

- This is designed to work with a student speaking within about 18-24" of the pod microphone. If the volume is too quiet from a further distance, the student should move the pod closer.
- To adjust the student sharing volume, turn the "Microphone Volume" on the Access amplifier up or down. NOTE: this may cause you to adjust the volume on the Flexmike up or down to compensate.

TROUBLESHOOTING CONT'D

PROBLEM: LS Remote app shows message "Attempting to Connect" or "Paired remote is out of range or has no power."

SOLUTION:

- This indicates the Bluetooth signal between your device and the Flexcat remote are having trouble communicating, usually due to range between the iOS device and the remote or a dead battery in the remote.
- Make sure your device is within 50-100 feet of the remote. Walk up to the remote and wait several seconds for the app to reconnect.
- If it does not automatically reconnect, try force quitting the app: double tap the Home button on your iOS device, then swipe up the LS Remote app to close it. Re-open the app and it should connect automatically.
- Make sure your remote is active with a charged battery. Place it on the charger and make sure the Red (or green) charging light is on.

PROBLEM: LS Remote app shows "No Response from the Flexcat System"

SOLUTION:

- This indicates the Flexcat remote is not communicating with the Access amplifier, usually due to range between the remote and the amplifier.
- Make sure the remote is within 100 feet of the Access amplifier. Walk up within range of the Access amplifier and attempt to select a pod using the remote. If that works, your app will begin working as well.
- If it does not automatically reconnect, try force quitting the app: double tap the Home button on your iOS device, then swipe the LS Remote app up to close it. Re-open the app and it should connect automatically.
- Keep the remote within range of the Access amplifier for continuous operation.
- If the handheld remote does not operate, make sure the remote is paired to the Access amplifier. If this remote has not been used before, it must be paired to the Access amplifier.
 - Using a paperclip, press the Registration button on the Access amplifier, the #1 and #2 lights on the amplifier will begin blinking.
 - Now use the paperclip to press the registration button on the back of the remote.
 - The #2 light on the Access amplifier will turn off to indicate the remote is now paired.
 - Within a few seconds, the LS Remote app should detect the Flexcat system.

SECTION 6:

WARRANTY, SAFETY & SPECIFICATIONS

THREE-YEAR LIMITED WARRANTY

Lightspeed's Flexcat Group Audio System is covered under warranty against malfunction due to defects in materials and workmanship for a period of THREE (3) 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 Flexcat systems and components within the warranty period indicated below. If any system 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 malfunctioning equipment can be returned to Lightspeed. Any exchanged equipment will remain covered under the original three (3) year warranty.

1. Warranty on Flexcat speaker pods, charging station and handheld remote components is THREE (3) YEARS.
2. Warranty on Flexmike microphone is FIVE (5) YEARS.
3. Warranty on earbud lanyard, Lightspeed NiMH rechargeable battery packs and other cables and minor accessories is one (1) year.
4. Prepaid shipping label 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.
5. 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, 5 a.m. – 5 p.m., PST) will handle all your repair/replacement needs. Customers outside the U.S. should contact their local reseller.

SAFETY WARNINGS AND CERTIFICATIONS



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.



**USE A LIGHTSPEED
SUPPLIED BATTERY ONLY**

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 our website at 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.



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.



UTILISEZ UNIQUEMENT LA BATTERIE LIGHTSPEED FOURNIE

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).

SAFETY WARNINGS AND CERTIFICATIONS

FCC Notice to user

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 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 (that is, the antenna for radio or television that is receiving the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

FCC RF Radiation Exposure Statement

For body worn operation, the portable part (Flexmike) has been tested and meets FCC RF exposure guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice to Canada User

English

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.

French

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

RF Radiation Exposure Statement

English

Your mobile device 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.

French

Votre appareil mobile 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.

SAFETY WARNINGS AND CERTIFICATIONS

NOTICE FOR USB

NOTE: Lightspeed 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.

EU DECLARATION OF CONFORMITY



EU Declaration of Conformity According to EU Directives EMC 2014/30/EU, LVD 2014/35/EU, RED 2014/53/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 Access, Flexmike, Flexcat Pod, Flexcat Charging Station,
Flexcat Hand Remote Control, Media Connector Access, Sharemike, Topcat, Access Link,
955 Access, TCQ2, DRQ

Model Numbers: LSRCA 1881, LSFM 1881, FCP 1881, FCCS, FCHRC, FCHRCB, LSMCA 1881,
LSSM 1881, LSTCA 1881, LSAL 1881, LS955 1881, TCQ2, DRQ

As applicable, products conform to the following EU/AS/NZ test standards listed below:

Safety Standards: IEC/EN 60065 and amendments

EMC/RF Standards: EN301 406 V2.1.1 (2009-07)
EN 301489-1/-6
EN 301489-1/-17
EN 50371 (2002)
EN 50385 (2002)
EN 300 328
EN 55022
EN 55024
AS/NZ CISPER 22
AS/NZ 4268

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

Lightspeed Representative:

Michael Frost, Compliance Engineer

Date: 03/21/2016

P/N: 085-0013-04

LIGHTSPEED TECHNOLOGIES / 11509 SW HERMAN ROAD / TUALATIN, OR 97062 / 800.732.8999 / WWW.LIGHTSPEED-TEK.COM

SYSTEM SPECIFICATIONS

SPEAKER PODS

Battery power:	6V NiMH battery pack
Battery life:	10+ hours (fully charged)
Power output:	5 Watts per speaker
Integrated Speaker:	2" balanced mode radiator (BMR)
Integrated microphone:	Omni-directional electret
Audio output:	3.5mm with volume control
Battery charging:	2 contacts for cradle charging + 16V/0.3A DC input
Wireless communication:	Access Technology (1.9 GHz)
Wireless range (from Access amplifier):	up to 200 ft (60 m); up to 100 ft (30 m) with walls
Dimensions (L x W x H):	8.5" x 5" x 3.5" (216 x 127 x 89mm)
Weight (with battery pack):	1.4 lbs (0.64 kg)

CHARGING STATION

DC power input:	24V / 1.75A
Cradle charging:	8 pods; 2 Flexmikes
DC charging ports:	4 additional pods with cable
USB charging:	5V USB charging output

iOS DEVICE COMPATIBILITY

iPhone:	iPhone 5 and newer
iPad:	iPad 3rd generation and newer iPad Mini (all versions) iPad Pro (all versions)
iPod touch:	iPod 5th generation and newer



AC-MNACT

LIGHTSPEED TECHNOLOGIES

11509 SW HERMAN ROAD / TUALATIN, OR 97062

TOLL FREE: 800.732.8999 / PHONE: 503.684.5538 / FAX: 503.684.3197

LIGHTSPEED-TEK.COM