

PRYME®

SPM-4200-USBC SPM-4200-LI (Lightning) Amplified Speaker Microphone with “SMART PTT” Button

A revolutionary wired microphone, for Android and Apple smartphones and tablets with USB-C connectors or Apple phones and tablets with Lightning connectors running many different Push-to-Talk over Cellular (PoC) apps.



Model No. SPM-4200-USBC and SPM-4200-LI
Made in Taiwan
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CONTROLS AND CONNECTION

Amplified, Front Firing Speaker

Received calls are heard over this speaker. RX audio is amplified to be loud enough for most situations. The volume level can be controlled using either the Volume Up / Down buttons on the speaker microphone, or by using the volume controls on the handset.

Smart PTT Button

Pressing and holding this button will cause your PTT Over Cellular (POC) app to transmit a message. Release the button when done speaking.

Clothing Clip

The alligator-type clip secures the speaker microphone to the user's clothing during use. The clip can be rotated to allow the microphone to be better positioned.

Hook Button

This button can be pressed to answer or hang up phone calls. Pressing and holding the button will either reject an incoming call or launch your smart device's voice assistant (if no phone call is incoming).

Earphone Jack

This jack is used to connect an (optional) wired listen-only earphone to the speaker microphone for enhanced privacy.

USB-C Charge Jack

This jack is used to recharge the removable battery of the speaker microphone by connecting the speaker microphone C to a USB charger or any powered USB source.

USB-C or Lightning Accessory Connector

The connector on the microphone plugs into the accessory jack on your smart device.

Microphone:
This microphone picks up the user's voice audio when sending a call.

Volume Up and Down Buttons
These buttons can be used to turn the receive audio volume of the speaker microphone up or down.

Status LED
The status LED will light red when the speaker microphone is plugged into a charger and turn off when the battery in the microphone is fully charged.

Mobile Mounting Hardware
A replacement basket is supplied for users in mobile environments who wish to hand the microphone up rather than clipping it to their clothing.

CHARGING THE SPEAKER MICROPHONE

To power the amplifier, this speaker microphone has an internal rechargeable battery pack which must be charged prior to operation, and must be recharged regularly.

A fully charged battery should provide greater than 40 hours of continuous operation before needing to be recharged. However, operating time can vary depending on usage and the condition of the battery pack. Recharge the battery regularly. When the battery is low the status LED will light red to inform the user.



TO CHARGE THE SPEAKER MICROPHONE

1. Ensure the speaker microphone is unplugged from the smartphone.
2. Plug the charge cable into any powered USB outlet, such as an AC wall charger, and then into the charge jack on the bottom of the speaker microphone.
3. Once the charging process has begun, the LED indicator on the bottom of the speaker microphone will show a constant red light.
4. Typical charge time is approximately five hours. Actual charge time will vary depending on several factors including the battery's charge state, condition, and age.
5. When the battery is fully charged the LED indicator on the side of the speaker mic will turn off.
6. Disconnect the charger from the adapter when charging is completed.

Charging Cautions:

- Do not use a wall charger or charge cable that appears to be damaged. (Example: frayed wires, melted plastic, etc.)
- Do not tamper with or modify the speaker microphone or charger.
- Always disconnect the speaker microphone from the smartphone when charging.

INSTALL OPTIONAL BUTTON HOOK FOR VEHICULAR MOUNTING (P-CLIP-P16-BUTTON)



The supplied clothing clip can be removed and the optional vehicle mounting button can be installed on the rear of the microphone using a Phillips head screwdriver and the supplied screws.

The vehicle hang-up hook should be mounted somewhere within easy reach of the user where the microphone cable can reach the handset but will not block or become tangled with any of the vehicle's controls.

POC APP SETUP

The speaker microphone is compatible with most PTT Over Cellular apps and in most cases no setup is needed. Just connect the MICROPHONE kit to your smart device and sign into your POC app. On some apps you may need enable the "headset" button function in the app's settings menu.

All of the following apps work with the MICROPHONE including Zello, Wave Communicator, KODIAK Networks app (such as AT&T EPTT and Verizon PTT Plus), ES Chat, ZINC, VOXER and many more.

As long as your POC app supports using the Headset Hook button for Push-to-Talk or Toggle-to-Talk, the MICROPHONE should work!

USING THE SPEAKER MICROPHONE

When the MICROPHONE is connected to your smart device:

- Media audio, phone audio and PTT app audio will be heard through the speaker microphone or a connected earphone.
- You can make a PTT Over Cellular call by pressing the holding the Smart PTT Button on the speaker microphone.
- You can make or take a phone call by using the controls on the screen of your smart device.
- You can answer an incoming phone call, or hang up a call in progress, by pressing the Hook button on the speaker microphone.
- When you make a phone call or PTT Over Cellular (PoC) app call, the sound of your voice will be picked up by the built-in microphone. You should speak slowly and clearly with the microphone positioned approximately 3-6 inches away from your mouth.
- You can press and hold the Hook button on the speaker microphone to launch your smart device's voice assistant feature.

TROUBLESHOOTING

The Smart PTT Button on my Speaker Microphone isn't working.

First, make sure that the speaker microphone is fully plugged into the smartphone's accessory jack and that receive audio is coming through the microphone speaker. If no audio is heard the microphone may need to be recharged before use.

Next, make sure that you are signed into your POC app, that you have an active cellular data or WiFi connection, and have selected the contact you wish to speak with in your POC app.

Lastly, you may need to enable the Headset/Hook button to be used for Push-to-Talk or Toggle-to-Talk from within your app's settings menu. The exact steps for doing this will vary from app to app.

The Smart PTT Button on my Speaker Microphone is out of synch (transmits when released).

In the unlikely event that this occurs, press and release the Hook button on the speaker microphone. This should restore normal operation.

SPECIFICATIONS

MCU:	MCU HID with audio CODEC
Power:	Built-in 1,000 mAH Li-Ion battery
Functions:	PTT, HOOK, VOL +/-
Speaker:	Amplified 2-watts
Speaker Output:	108 dB @ 10 cm
Connector:	USB Type-C or Lightning with coiled cable
Charging:	USB Type-C, 500 mA
Talk Time:	>40 hours
LED:	Low battery RED ON, fully charged LED OFF

OPTIONAL EAPRPHONES

Although the speaker microphone has a built-in speaker for listening to received calls, some users may prefer to use a listen-only earphone for enhanced privacy.

The accessory jack on the speaker microphone will accept any mono earphone with a 3.5 mm audio plug. When an earphone is used, the front-firing speaker is disabled.

PRYME makes a variety of listen-only earphones in different styles that will work with the speaker microphone.

PRYME EH-1389SC model shown. Earphone sold separately.



Model	Model	Cable Length/Type	Connector
EH-389SC	Rubber Ear Hook	15" Coiled	3.5mm right angle
EH-389XC	Rubber Ear Hook	25" Coiled	3.5mm right angle
EH-1289SC	Plastic D-Ring	15" Coiled	3.5mm right angle
EH-1289XC	Plastic D-Ring	25" Coiled	3.5mm right angle
EH-1389SC	Acoustic Tube	15" Coiled	3.5mm right angle
EH-1389XC	Acoustic Tube	30" Straight	3.5mm right angle
EH-1399X	Acoustic Tube	30" Straight	3.5mm right straight
EH-GH89-SC	G-Hook (swivel)	10" Coiled	3.5mm right angle

SUPPORT AND WARRANTY

PRYME Radio Products warrants this product against defects in materials or workmanship for a period of one year from the date of retail purchase. PRYME will repair or replace a defective unit, at our option, without charge for parts or labor. The limited warranty is extended only to the original purchaser and is valid only to consumers in the United States and Canada. It does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning, or other incidences of excessive voltage, or any tampering or repairs by other than a PRYME authorized repair facility. It does not cover replacement of consumable parts, transportation costs, or damage in transit.

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