QUICK GUIDE

14221-1600-1010

May 2016

PRELIMINARY

Harris® Bluetooth®

Remote Speaker Mic

12082-0800-01

HARRIS® TECHNOLOGY TO CONNECT, INFORM AND PROTECT™

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MANUAL REVISION HISTORY

REV.	DATE	REASON FOR CHANGE
-	May/16	Initial release.

CREDITS

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Repairs to this equipment should be made only by an authorized service technician or facility designated by the supplier. Any repairs, alterations or substitution of recommended parts made by the user to this equipment not approved by the manufacturer could void the user's authority to operate the equipment in addition to the manufacturer's warranty.

This product conforms to the European Union WEEE Directive 2012/19/EU. Do not dispose of this product in a public landfill. Take it to a recycling center at the end of its life.

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REGULATORY

FCC Part 15

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

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.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must

not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada

1. This device complies with Industry Canada license-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.
2. 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.

OVERVIEW

The Harris Bluetooth® Remote Speaker Mic (RSM), 12082-0800, is a wireless device that utilizes Bluetooth® technology. The RSM incorporates a speaker, microphone with push to talk, emergency button, and auxiliary buttons. Support for an audio headset is provided by a 4 pin audio jack, which when used, mutes the RSM speaker. The internal battery is charged using an industry standard micro-USB connector. The rear of the speaker mic includes a clip for attachment to a lapel or belt.

The RSM supports a covert mode in which LED indications are suppressed and audio annunciations are selectively muted.

The Bluetooth Microphone supports Harris LMR portable and mobile radios, as well as Android™ and iOS devices running the BeOn® application. Depending on the operating mode; LMR vs. BeOn, buttons may have different functionality assigned to them. For detailed instructions on setting up and using your RSM, refer to the User Manual, 14221-1600-2100, available online at http://pspc.harris.com.

Figure 1: Controls and Indicators

Figure 2: RSM Rear View

GETTING STARTED

CHARGE THE BATTERY

The RSM should be charged before first use and after 10-12 hours of use.

1. Power OFF the RSM and connect a micro USB cable to the RSM's USB port.
2. Connect the USB-A connector to a computer or a wall charger. (provided)
3. A SOLID RED light on the RSM indicates charging. The light turns SOLID GREEN once the unit is fully charged.

POWER ON/OFF AND LED

1. Power On: Press the Power button for 3 seconds and release.
2. Power Off: Press the Power button for 3 seconds and release.
3. After power up, the LED indicator may be turned off, if desired, by operating the device in COVERT mode (see below)

VOLUME CONTROL

Volume Up: Press the upper volume button for 2-3 seconds on the side of the RSM. Press the button longer to increase the volume; an audio beep indicates each audio increase step.

Volume Down: Press the lower volume button on the side of the RSM. Functionality and audio indications are the same as the volume up button.

FIRST TIME OR NEW PAIRING

NOTE: Refer to the user documentation for the radio or phone when performing this procedure.

1. Delete previously paired RSM device through the radio or phone's Bluetooth menu.
2. Perform a Software Reset on the RSM (see below for instructions).
3. From the radio or phone's Bluetooth menu, select 'add new.' Follow the steps displayed on the radio/phone, and select the desired RSM to pair. See the following table for LED and audio indications for troubleshooting.

BUTTONS AND INDICATORS

BUTTON*	DESCRIPTION/ STATE/EVENT	LED INDICATION
Power	Powers on/off RSM. In low battery condition, device may turn itself on momentarily and then turn off. After power on, if the device is not already paired, it will go into Pairable mode. Device may be reset and put in this state after a Software Reset (described below).	Red for approximately 2 seconds
	Call setup/connection/ acceptance by host after software reset.	Combination of blue and purple blinks
	Connected and active. Sequence of two quick and one slow blinks indicate issues with reconnect. Cycle power and connect. Software Reset may be necessary if re-connection fails several times.	Blue blinks
	Link loss.	Red blinks
	After power on, if the device is already paired previously, it will go through search and connection sequence.	Combination of blue and purple blinks
	Charging.	Solid red. If powered on during charging: combination of solid red and the other colors, depending on the state.
	Charging completed.	Solid green

BUTTON*	DESCRIPTION/ STATE/EVENT	LED INDICATION
	Low battery.	Red with the same pattern as the state it is in
PTT	There are two PTT buttons on the RSM: PTT1 and PTT2. For LMR use, there is no difference between them and the control is the same.	Continuous red during PTT
Volume	There are two volume buttons (up/down) on the power button side of the RSM. See VOLUME CONTROL for functionality and more detail.	
SWB1 (long press)	Enable covert mode. When enabled, there is no speaker audio; audio from headset only.	Two red blinks, and then no LED
SWB1 (long press)	Disable covert mode.	depending on the state
Simultaneous SWB1, SWB2, PTT1, and PTT2	Software Reset.	After a few seconds, two red blinks indicate that the device is reset and then it enters pairable state
MFB (short press)**	Answer call (ONLY if NO SPP link is established).	Depends on RSM state
MFB (long press)**	Reject/end call. Active call (ONLY if NO SPP link established)	Depends on RSM state.
* Some buttons on iOS devices are configurable. Refer to the BeOn User documentation, available online at http://pspc.harris.com/Solution/BeOn.aspx.		
** For BeOn applications only. Refer to the BeOn User documentation, available online at http://pspc.harris.com/Solution/BeOn.aspx.		

MICROPHONE PERFORMANCE TIP

For best results, do not hold the microphone directly in front of your mouth and do not shout. Best results are achieved when holding the microphone at 15-20 cm in front of your mouth and speaking in a normal volume.

OPERATION

For detailed instructions on setting up and using your RSM, refer to the User Manual, 14221-1600-2100, available online at http://pspc.harris.com.

CUSTOMER CARE

If any part of the equipment is damaged on arrival, contact the shipper to conduct an inspection and prepare a damage report. Save the shipping container and all packing materials until the inspection and the damage report are completed.

In addition, contact the Customer Care center to make arrangements for replacement equipment. Do not return any part of the shipment until you receive detailed instructions from a Harris representative.

Contact the Customer Care center at:

http://www.pspc.harris.com/CustomerService or:

North America:

Phone Number: 1-800-368-3277

Fax Number: 1-321-409-4393

E-mail: PSPC–CustomerFocus@harris.com

International:

Phone Number: 1-434-455-6403

Fax Number: 1-321-409-4394

E-mail: PSPC–InternationalCustomerFocus@harris.com

WARRANTY REGISTRATION

Please register this product within 10 days of purchase. Registration validates the warranty coverage, and enables Harris to contact you in case of any safety notifications issued for this product.

Registration can be made on-line at the Customer Care center webpage:

http://www.pspc.harris.com/Service/Customer service.aspx.

While on the webpage, please review the applicable battery and/or product warranty literature.

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately $8 billion in annualized revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

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