

RM2

Remote Control for SM Series Transmitters



Fill in for your records:

Serial Number:

Purchase Date:



- Provides acoustically coupled remote control of SM Series wireless transmitters
- Operating range up to two feet
- Fixed functions with dedicated switches
- Long-life CR2032 lithium battery
- Rugged cast metal housing
- Includes quick release “key ring”

The RM2 provides economical remote control of SM Series transmitters using a “dweedle” tone played into the microphone to enable and disable the Sleep and Lock modes, and to adjust the transmitter input gain.

In situations where the transmitter is buried in costumes and not easily accessible, remote control saves time, extends battery life during extended waiting periods and eliminates last minute costuming adjustments. Separate buttons and a level control are provided for each function to simplify operation.

Transmitter settings are adjusted by holding the speaker on the RM2 close to the microphone and pressing one of the buttons. The tone plays and the parameter on the transmitter is set immediately.

Adjustments can be made to set:

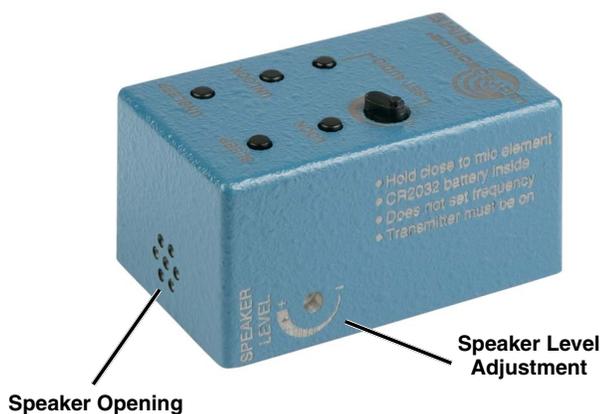
- Turn the transmitter Sleep Mode On and Off
- Lock or Unlock transmitter controls
- Adjust transmitter Audio Input Gain

In the **Sleep Mode** an SM Series transmitter will only consume 20% of the normal battery drain, so battery life will be 5 times longer. This is for use in situations where the transmitter is buried deep inside costuming and there are lengthy waiting periods between use. The transmitter can “sleep” for several hours and then be awakened and adjusted when the production is about to begin. The transmitter can only be awakened with the remote control or by removing its battery.

The **Lock Mode** enables or disables the controls on the transmitter to guard against accidental changes that could interrupt a production. The transmitter controls can only be unlocked with the remote control unit or by removing the battery from the transmitter.

Audio Input Gain Adjustment is a simple procedure using the knob and switch labeled SET AUDIO. Rotate the knob to the desired gain setting, then press the button to send the tone and adjust the transmitter input gain. The knob is not calibrated precisely, but the setting is repeatable. The exact setting is displayed on the transmitter LCD after the tone is received.

The loudness of the speaker is adjusted with a small screwdriver inserted into a recessed trimpot on the side panel. The default setting is fully clockwise (loudest setting), which works well for almost all situations.



NOTE: The speaker level control is normally set in the fully clockwise (loudest setting) position.

Operating Instructions

Hold the RM2 within two feet or less from the microphone. The usable distance will vary depending upon the speaker loudness, the transmitter input gain setting and the ambient noise level in the vicinity. In general, it is best to hold the unit within a few inches of the microphone.

Pressing any button turns the RM2 on and sends a burst of tone data. The RM2 then turns off. It is necessary to press a button again to send the data again. If a button is held down, the RM2 will send the tone once and remain turned on until the button is released. If the

button is held down continuously, it will consume a little extra current and will discharge the battery in about 37 days. In normal use the battery should last for several years.

Press the button to send the code.

- SLEEP puts the transmitter into an “idle” state with the carrier and LCD turned off.
- UNSLEEP awakens the transmitter and turns the carrier and LCD on for normal use.
- LOCK disables the control panel buttons on the transmitter but leaves it operating.
- UNLOCK enables the control panel buttons on the transmitter.
- SET AUDIO (KNOB) adjusts the gain level to be set on the transmitter.
- SET AUDIO (BUTTON) sends the tone to set the transmitter gain.

The SET AUDIO (KNOB) must be set to the desired level before pressing the SET AUDIO (BUTTON). The gain settings on the knob are only approximate but they are repeatable, with the exact value displayed on the transmitter LCD.

Attaching and Removing the Quick Release Mount



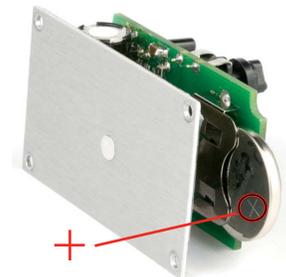
The Phillips head mounting screw fits **inside** the sleeve so that the threads are exposed through the small hole in the sleeve. The screw fits into a threaded insert (PEM nut) in the side of the housing.

Replacing the Battery

The RM2 is powered by a CR2032 lithium “coin cell.” Remove the four screws from the back cover and pull the circuit board assembly out of the housing. If it sticks, gently press on the SET AUDIO knob on the other side.



Remove the battery by gripping its edge and pulling it out of the clip. You can also push the battery out of the clip with a toothpick or small tool, but be careful not to damage any of the components mounted on the circuit board.



Check the battery contacts for corrosion and, if necessary, clean with alcohol and a small cotton swab. Insert the new battery with the (+) side facing the back cover. Replace the back cover and tighten the screws gently.

Optional Lectrosonics Lanyard

A blue and white “logo” lanyard with replacement quick release fastener is available from the factory as part number QRLANYARDRM.



LIMITED ONE YEAR WARRANTY

The equipment is warranted for one year from date of purchase against defects in materials or workmanship provided it was purchased from an authorized dealer. This warranty does not cover equipment which has been abused or damaged by careless handling or shipping. This warranty does not apply to used or demonstrator equipment.

Should any defect develop, Lectrosonics, Inc. will, at our option, repair or replace any defective parts without charge for either parts or labor. If Lectrosonics, Inc. cannot correct the defect in your equipment, it will be replaced at no charge with a similar new item. Lectrosonics, Inc. will pay for the cost of returning your equipment to you.

This warranty applies only to items returned to Lectrosonics, Inc. or an authorized dealer, shipping costs prepaid, within one year from the date of purchase.

This Limited Warranty is governed by the laws of the State of New Mexico. It states the entire liability of Lectrosonics Inc. and the entire remedy of the purchaser for any breach of warranty as outlined above. NEITHER LECTROSONICS, INC. NOR ANYONE INVOLVED IN THE PRODUCTION OR DELIVERY OF THE EQUIPMENT SHALL BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL, OR INCIDENTAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THIS EQUIPMENT EVEN IF LECTROSONICS, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL THE LIABILITY OF LECTROSONICS, INC. EXCEED THE PURCHASE PRICE OF ANY DEFECTIVE EQUIPMENT.

This warranty gives you specific legal rights. You may have additional legal rights which vary from state to state.

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.

