

**Crestron MP-FSMIC**  
FreeSpeech™ Wireless Microphone  
Installation Guide



**Further Inquiries**

If you cannot locate specific information or have questions after reviewing this guide, please take advantage of Crestron's award winning customer service team by calling Crestron® at 1-888-CRESTRON [1-888-273-7876]. For assistance in your region, please refer to the Crestron Web site ([www.crestron.com](http://www.crestron.com)) for a listing of Crestron worldwide offices.

You can also log onto the online help section of the Crestron Web site ([www.crestron.com/onlinehelp](http://www.crestron.com/onlinehelp)) to ask questions about Crestron products. First-time users will need to establish a user account to fully benefit from all available features.

**Future Updates**

As Crestron improves functions, adds new features and extends the capabilities of the MP-FSMIC, additional information may be made available as manual updates. These updates are solely electronic and serve as intermediary supplements prior to the release of a complete technical documentation revision.

Check the Crestron Web site periodically for manual update availability and its relevance. Updates are identified as an "Addendum" in the Download column.

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Specifications subject to  
change without notice.

**Regulatory Compliance**

As of the date of manufacture, the MP-FS-RX1 and MP-FS-RX2 have been tested and found to comply with specifications for CE marking and standards per EMC and Radiocommunications Compliance Labelling



**Federal Communications Commission (FCC) Compliance Statement**

This device complies with part 15 of the FCC Rules. Operation is subject to the following 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.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance 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

**Industry Canada (IC) Compliance Statement**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**DESCRIPTION**

Crestron FreeSpeech™ systems provide a very simple and affordable solution for adding speech reinforcement as part of a complete classroom media presentation system. Compact and lightweight, the MP-FSMIC can be clipped to a lapel, hung around the neck, or placed in a tabletop stand\*. As part of a complete FreeSpeech wireless mic system, the MP-FSMIC affords reliable and hassle-free operation. Simply press the **ON** button and go.

Advanced FreeSpeech RF/IR wireless technology ensures consistent performance with complete freedom of movement — and minimized risk of noise or feedback. The infrared "beacon" signal prevents interference between multiple FreeSpeech systems in adjacent rooms, and even shuts the mic off automatically if the instructor leaves the room with the mic on.

An internal rechargeable battery provides six hours of usage to last a full school day. Recharging for up to two MP-FSMICs is handled by the MP-FSDS2 docking station\*.

**MP-FSMIC**



\*Item(s) are sold separately or as part of a MP-FS100\_PAK or MP-FS200\_PAK system package.

**SPECIFICATIONS**

Specifications for the MP-FSMIC are listed in the following table.

**MP-FSMIC Specifications**

SPECIFICATION	DETAILS
Wireless Communication	
RF	2.4 GHz ISM Device; 79 Channels FHSS (2402 to 2480 MHz)
IR	38 kHz
Range (typical)	50 ft (~15 m) indoor, subject to site-specific conditions (requires MP-FS-RX1 or MP-FS-RX2 receiver)*
Battery	
Battery Type	Lithium Ion Polymer, 3.7 Volt, 180 mAh
Usage per Charge	6 hours
Charging Time	2 hours
Cycle life	>500 cycles (80% capacity) (Requires MP-FSDS2 docking station/charger)*
Environmental	
Temperature	41° to 104° F (5° to 40° C)
Humidity	10% to 90% RH (non-condensing)
Enclosure	Plastic, matte black, includes magnetic clip for lapel or lanyard attachment
Dimensions	
Height	2.10 in (54 mm)
Width	1.00 in (26 mm)
Depth	0.95 in (24 mm)
Weight	0.7 oz (20 g)
Included Accessory	
MP-FS-LANYARD	Lanyard for MP-FSMIC
Available Accessories	
MP-FS-RX1	FreeSpeech Single-Channel Wireless Mic Receiver
MP-FS-RX2	FreeSpeech Dual-Channel Wireless Mic Receiver
MP-FS100_PAK	FreeSpeech Single-Channel Wireless Mic System Package
MP-FS200_PAK	FreeSpeech Dual-Channel Wireless Mic System Package
MP-FSDS2	FreeSpeech Dual Wireless Mic Docking Station/Charger
MP-FSTTS	Tabletop Stand for MP-FSMIC

\*Item(s) are sold separately or as part of a MP-FS100\_PAK or MP-FS200\_PAK system package.

