

FreeSpeech® Wireless Microphone

- > Easy-to-use and highly-reliable
- > Ideal for K-12 primary education classrooms
- > One-piece design is incredibly small and light
- > Includes an integral magnetic lapel clip and lanyard for unobtrusive wearability
- > Optional tabletop mic stand available^[1]
- > Advanced combined RF/IR wireless technology ensures trouble-free performance
- > IR "beacon" signal prevents interference with adjacent rooms, and mutes the mic automatically if the instructor leaves the room with the mic on
- > 2.4GHz RF technology with "error recovery" minimizes noise and feedback
- > Full frequency response delivers natural speech reinforcement for all users
- > Affords full operation via built-in buttons
- > Provides for volume control of the microphone as well as for a DVD player or other program audio source
- > "Ducking" feature automatically turns down the program source whenever the instructor speaks
- > "Automatic Gain Control" maintains consistent speech levels
- > "Alert" button allows for triggering an electronic or audible signal in case of an emergency
- > Long-life Lithium-Ion battery lasts 6 hours on a single charge
- > Requires a receiver (MP-FS-RX1 or MP-FS-RX2^[2]) and docking station (MP-FSDS2^[2])

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^[1]. 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^[2].

SPECIFICATIONS

Wireless Communications

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

Note: Requires MP-FS-RX1 or MP-FS-RX2 receiver^[2]



Connectors

USB: (1) 8-pin mini USB Type B female;
For factory use only

Controls & Indicators

IR Beacon: (2) Infrared LEDs, transmit operation data to MP-FSIR IR Beacon Sensor(s)^[2]

Status: (1) Dual-color green/red LED, indicates operational status and battery/charging condition

ON/MUTE: (1) rocker button, turns wireless mic on and off, and mutes mic audio

VOL: (1) rocker button, adjusts mic volume when mic is unmuted, adjusts program (line) volume when mic is muted

ALERT: (1) pushbutton, triggers ALERT OUT relay and/or alert tone

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)

Note: Requires MP-FSDS2 docking station/charger^[2]

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Plastic, black textured, includes magnetic clip for lapel or lanyard attachment

MP-FSMIC FreeSpeech® Wireless Microphone



MP-FSMIC — Left and Right Angle Views

Dimensions

Height: 2.09 in (54 mm)

Width: 1.00 in (26 mm)

Depth: 0.94 in (24 mm)

Weight

0.7 oz (20 g)

MODELS & ACCESSORIES

Available Models

MP-FSMIC-B-T-1: FreeSpeech® Wireless Microphone, Black Textured

Included Accessories

MP-FS-LANYARD-B-T: Lanyard for MP-FSMIC, Black Textured
(Qty. 1 included)

Available Accessories

MP-FS-RX1: FreeSpeech® Single-Channel Wireless Mic Receiver

MP-FS-RX2: FreeSpeech® Dual-Channel Wireless Mic Receiver

MP-FSDS2: FreeSpeech® Dual Wireless Mic Docking Station/Charger

MP-FSTTS: Tabletop Stand for MP-FSMIC

MP-FS100_PAK: FreeSpeech® Single-Channel Wireless Mic System Package

MP-FS200_PAK: FreeSpeech® Dual-Channel Wireless Mic System Package

Notes:

1. **MP-FSTTS** tabletop mic stand is sold separately or as part of a **MP-FS200_PAK** system package.
2. Item(s) sold separately or as part of a **MP-FS100_PAK** or **MP-FS200_PAK** system package.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

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