

MIPRO®

MRM-70B Wireless Receiver Module

User Guide



The MRM-70B is a single channel, frequency agile, wireless microphone receiver module.

I. Part Names, Fig. 1

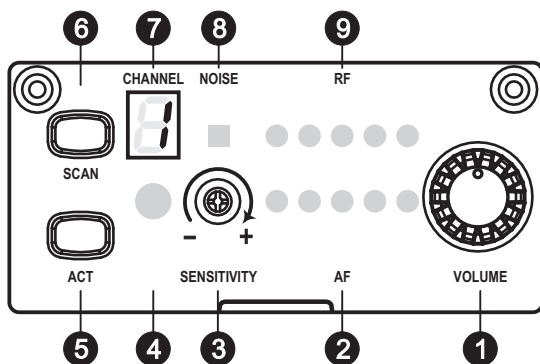


Fig. 1

- ① Power/Volume Control.
- ② Audio Signal Meter.
- ③ Sensitivity Adjuster.
- ④ ACT Infrared (IR) Sync Window.
- ⑤ ACT Sync Button.
- ⑥ Scan Button.
- ⑦ Channel LED Screen.
- ⑧ Noise Indicator.
- ⑨ RF Signal Meter.

II. Receiver Channel

1. Receiver Channel Setting:

(A) Scan Automatically for a Receiver Channel: Press & hold SCAN button **6** for 1 second, channel number in LED screen starts blinking. Press and release SCAN button once will automatically scans the environment and stops at the next open, interference-free channel. The new channel appears on the display, Fig. 2.

Note: If SCAN button is not pressed within six (6) blinks during activation the channel number reverts back to the last default channel number.

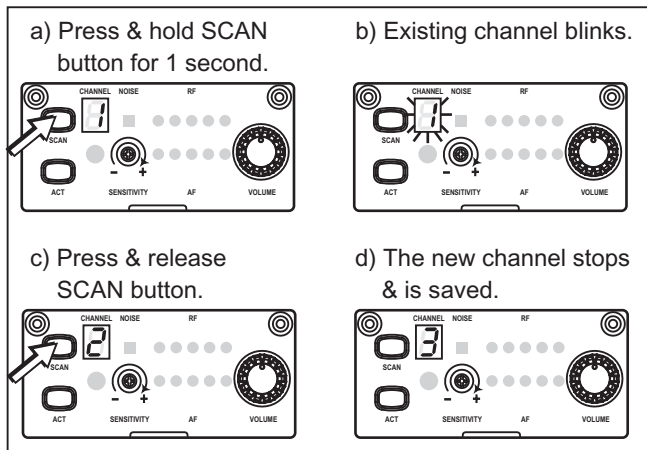


Fig. 2

Wireless Receiver Module

- (B) Scan Manually for a Receiver Channel: Press & hold SCAN button **6**, channel number in LED screen starts blinking. Press & hold SCAN button will force the channel number to go forward to the next channel in order after two consecutive blinks. When the desired channel number is located, release the button to stop and the new channel appears on the display, Fig. 3.

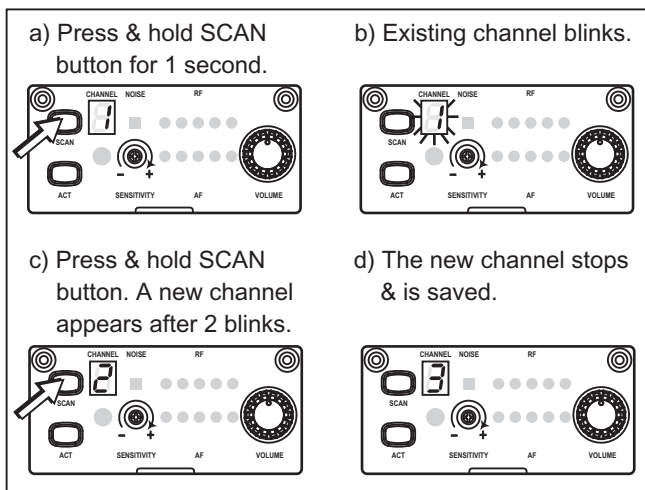


Fig. 3

2. When to Change a Receiver Channel?

- (A) When noise interference is heard during operation.
- (B) When multiple compatible channels are required to be used at the same installation and at the same time.

Wireless Receiver Module

3. Tips on Setting Receiver Channels:

- (A) Do not change receiver channel during multiple compatible channels operation to prevent possible interference with existing transmitting signals.
- (B) When channel number displays “_” denoting the channel is under interference. Change to another channel is recommended.

III. ACT Synchronization, Fig. 4

1. Turn on the receiver. Press the ACT (sync) button on the receiver. The channel / group number start blinking.
2. Turn on the transmitter. Align the red color IR sync windows of both the transmitter and receiver at a distance of <math><30\text{ cm}</math> (12 inch), Fig. 4.
3. When the transmitter and receiver are properly aligned, the sync will automatically occur and channel / group number will stop to blink.

Note: If the ACT sync fails, repeat the sync procedure, carefully maintaining alignment between the IR windows of the transmitter and receiver and ensure fresh batteries are installed in the transmitter.

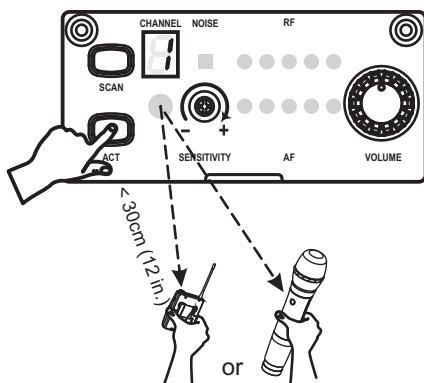


Fig. 4

IV. Receiver Module Dimensions and Wiring Diagram

The dimensions of MRM-70B module are as shown in Fig. 5. To install the receiver module, carefully align the edge connector and push the receiver module into place. Then fasten the two outside locking screws to secure the receiver module.

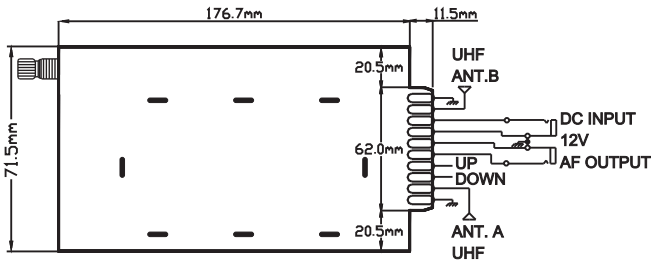


Fig. 5

V. Notes

1. Refer to actual product in the event of product description discrepancy.
2. Frequency range and maximum deviation comply with the regulations of different countries.

FC & IC - ID

THIS DEVICE COMPLIES WITH PART15 OF THE FCC RULES AND RSS-123 ISSUE 2 OF CANADA. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

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.

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