

DYNEX™

Dynex Hands-Free Wireless Microphone

Microphone sans fil mains libres de Dynex

Micrófono Inalámbrico de Manos Libres de Dynex

DX-M1113

USER GUIDE

GUIDE DE L'UTILISATEUR • GUÍA DEL USUARIO

Dynex Hands-Free Wireless Microphone DX-M1113

Contents

Important safety instructions	2
Wireless microphone components.....	3
Setting up your wireless microphone	4
Using your wireless microphone.....	5
Troubleshooting	6
Specifications	7
Legal notice.....	8
Français	9
Español.....	17

Important safety instructions

Location

- Do not use your receiver or transmitter in an area with a high magnetic field.
- Make sure that the receiver is at least 10 feet (3 meters) above the floor and 10 feet (3 meters) from surrounding walls.
- Do not place the receiver or transmitter in direct sunlight. Do not expose the receiver or transmitter to rain or moisture.

Repairs

Do not try to repair your wireless microphone yourself. Opening the case could expose you to high electrical voltage. Refer all service to qualified service personnel.

Handling

- Do not drop the receiver or transmitter.
- Do not set anything on top of the receiver.

Wireless microphone components

Package contents

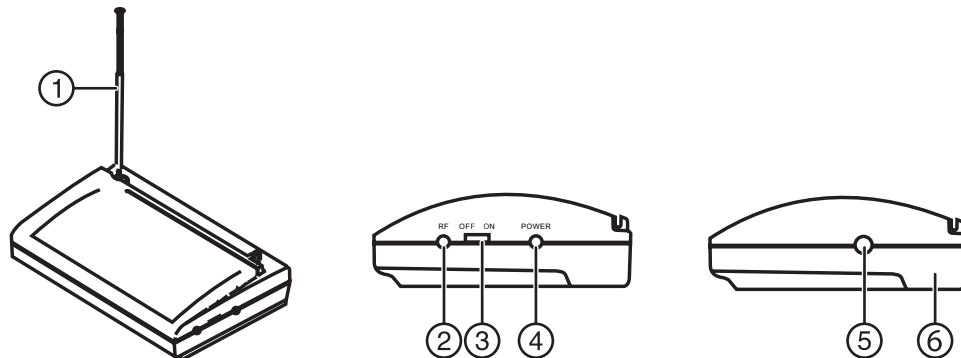
You wireless microphone comes with:

- Headset
- Transmitter
- Audio cable
- Receiver
- two AA batteries
- One 9 V battery
- User guide

You wireless microphone features:

- High-frequency and mid-frequency narrow band filters to reduce interference from stray signals
- Built-in headset antenna
- Quartz crystal oscillating circuits that insures a steady frequency
- Audio compression and expansion technology that provide rich sound at low volume

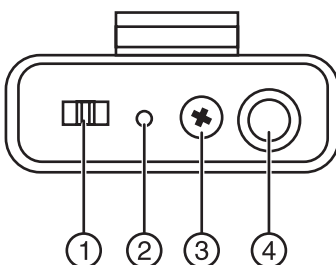
Receiver



	Component	Description
1	Antenna	Receives RF signals from the transmitter. Fully extend the antenna for the best reception.
2	RF indicator	Lights when receiving RF signals from the transmitter.
3	OFF ON	Turns the receiver on and off.
4	POWER indicator	Lights when the receiver is turned on.

4*Setting up your wireless microphone*

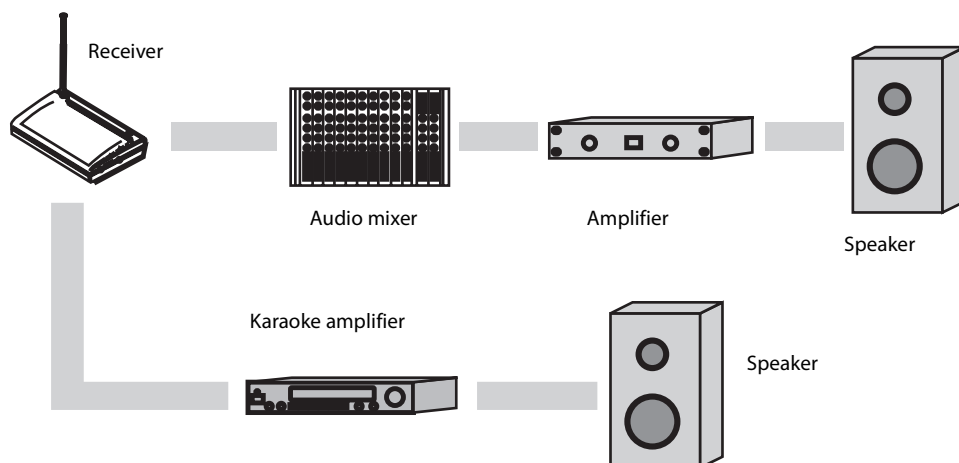
	Component	Description
5	AUDIO OUT jack	Connect an external amplifier to this jack.
6	Battery compartment	Insert two AA batteries into this compartment.

Transmitter

	Component	Description
1	Power switch	Turns the transmitter on and off.
2	Battery indicator	Lights when the battery charge is low.
3	Volume control	Turn to adjust the volume to help eliminate signal interference from other devices.
4	AF input	Plug the headset into this jack.

Setting up your wireless microphone

The following illustration shows two basic ways to connect your receiver to an amplifier.



Using your wireless microphone

5

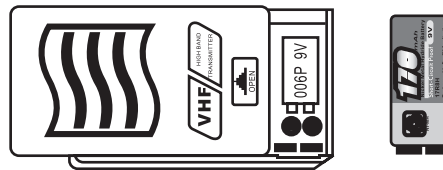
Note: When you install the receiver, make sure that it is at least 10 feet (3 meters) off the floor and at least 10 feet (3 meters) away from surrounding walls.

To set up the receiver:

- 1 Place the receiver on a flat, stable surface.
- 2 Fully extend the antenna, and make sure it is perpendicular to the receiver.
- 3 Open the battery compartment, install two AA batteries into the battery compartment, then close the compartment. Make sure that the + and – symbols on the batteries align with the + and – symbols inside the battery compartment.
- 4 Plug one end of the audio cable into the AUDIO OUT jack on the receiver.
- 5 Plug the other end of the audio cable into the MIX IN or AUX IN on an external amplifier.
- 6 Slide the power switch to the ON position. The POWER indicator lights.

To install the transmitter battery:

- 1 Slide the battery compartment cover to open the battery compartment.



- 2 Insert the 9 V battery into the battery compartment. Make sure that the + and – symbols on the battery align with the + and – symbols inside the battery compartment.
- 3 Slide the cover to close the compartment.

Using your wireless microphone

Note: You can use your wireless microphone within a range of 262 feet (80 meters) of the receiver. The ideal range is 131 feet (40 meters).

To use your wireless microphone:

- 1 Turn on the receiver.
- 2 Plug the headset into the AF input jack on the transmitter.
- 3 Place the headset on your head.
- 4 Turn on the transmitter, then adjust the volume if necessary.

6

Troubleshooting

Troubleshooting

Caution: Do not open the receiver or transmitter cases. There are no user serviceable parts inside.

Symptom	Possible solution
Receiver is turned on, but POWER indicator does not light.	• Make sure that the power cord is plugged in securely. • Make sure that the electrical outlet is supplying power.
The AUDIO indicator lights when speaking into the headset, but there is no sound.	• Make sure that the volume control is not set too low. • Make sure that the audio cable is connected securely to the receiver and amplifier.
The signal range is too small.	• Make sure that the antenna is fully extended. • Make sure that the transmitter battery has a charge. • Make sure that the receiver or transmitter are not located within a magnetic field.
Sound quality is poor.	• Make sure that the transmitter battery has a charge. • Make sure that no other devices in the area are operating on the same frequency as your wireless microphone. Devices using the same frequency should be at least 328 feet (100 meters) apart.

*Specifications***7****Specifications****Transmitter**

Carrier Frequency	VHF 174.1 to 215.6 MHz
Frequency stability	$< \pm 30$ PPM
Frequency response	50 Hz to 15 KHz ± 3 dB
Dynamic range	> 90 dB
Total harmonic distortion	$< 0.5\%$
Audio output level	Separate type: 0 to ± 400 mV Mix type: 0 to ± 200 mV
RF power output	30 mW
Current loss	60 mA
Range	65.6 ft. (20 m) (max.)
Pickup	Dynamic or condenser
Battery	9 V
Transmitter power	8.5 mW
Modulation type	FM, F3F
Maximum deviation	± 25 KHz
Spurious emission	> 40 dB (with carrier)
Battery life	6 to 8 hours

Receiver

Sensitivity	6 μ V @ sinad=12 dB
Spurious rejection	≥ 85 dB (typical)
Image rejection	> 75 dB (typical)
SNR	> 90 dB
AF output	0 to 300 mV
Receiving channel	1 channel
Power	DC 3 V
Power consumption	3 W
De-emphasis	50 μ S
Border on channel rejection	> 80 dB



8

Legal notice

FCC NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

