



Envoi HL Transmitter

User Guide

English (2 – 5)

Appendix

English (6)

User Guide (English)

Introduction

Refer to the **Operation** chapter to start using Envoi HL Transmitter.

Box Contents

Envoi HL Transmitter	User Guide
2 AA Batteries	Safety & Warranty Manual
Lavalier Mic	Headset Mic

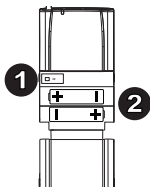
Support

For the latest information about this product (system requirements, compatibility information, etc.) and product registration, visit **denonpro.com**.

Features

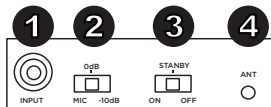
Front Panel

1. **IR Transmitter:** Hold this up to a receiver to pair.
2. **Battery Compartment:** Install 2 AA batteries inside by pulling both sides of the compartment (with the arrows pointing to you) to open. Make sure the polarities of the batteries (+ and -) are installed correct.



Top Panel

1. **Microphone Input:** When using the included lavalier or headset microphones, input the connector into the input and screw in the connector clockwise to secure the cable.

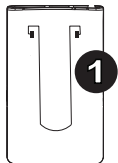


Note: Other cables with TS, TRS, or TRRS connectors can be used, though they may not be able to lock in place.

2. **Gain Selector:** Use this switch to set the gain of the audio input to Mic level, 0 dB, or -10 dB.
3. **Power:** Adjust this switch to turn the transmitter **ON** (transmitter and audio are on), **STANDBY** (transmitter is in standby mode, powered on but audio is muted), or **OFF**. The LED above the power switch will illuminate when the power is on.
4. **Antenna:** This is used to transmit the audio signal to a receiver.

Rear Panel

1. **Belt Clip:** Attach the transmitter bodypack to your clothing beltline or hip area.



Operation

Wireless Mic Setup

To use a wireless mic, follow these setup steps:

1. Ensure 2 new AA alkaline batteries are installed in the Envoi HL Transmitter.
2. Pair the mic to a receiver. Both the Denon Professional Envoi and the Marantz Professional Voice Rover can be used as a receiver.
 - a. Turn on the Envoi HL Transmitter and the receiver.
 - b. Select the UHF channel on the receiver that you want to use with the best reception.
 - c. Place the IR sensor (found above the battery compartment) near the receiver's IR LED and press the **ASC** button once on the receiver. Wait for about 3 seconds until the IR LED stops flashing. When it finds an interference-free channel the RF LED will illuminate on the receiver showing the mic is matched to that channel.
3. To connect the mic to Envoi HL Transmitter, insert the connector into the input and screw in the connector clockwise to lock it. To unplug, reverse this process.
 - **If using a headset mic**, position the mic about 3" (76 mm) from your mouth, but away from the wind path to avoid breath and "pop" sounds.
 - **If using a lavalier mic**, clip this on your shirt at chest-height, up to 6" (152 mm) away from your mouth.
4. Adjust the volume on the UHF receiver. If you are using the Denon Professional Envoi or Marantz Professional Voice Rover, turn the **Power-Vol** knob clockwise on the UHF receiver panel.
5. As you speak, watch the AF indicator on the receiver to make sure a signal is being received. The Gain Selector on the Envoi HL Transmitter can be adjusted for more or less output signal.

Troubleshooting

If you encounter a problem, try doing these things first:

- Make sure all cables and other devices are properly and securely connected.
- Make sure you are using the Envoi HL Transmitter as described in this *User Guide*.
- If you believe Envoi HL Transmitter is not working properly, check the following table for your problem and solution.

Problem:	Solution:	Please see:
Power does not turn on.	Make sure a fresh pair of AA batteries are installed in the Envoi HL Transmitter.	Operation> Wireless Mic Setup
Envoi HL Transmitter does not produce any sound.	Make sure all cable and device connections are secure and correct. Make sure none of the cables are damaged. Place the microphone close to your mouth to ensure the best audio signal. Make sure the volume settings on your receiver, loudspeaker, mixer, etc. are correct.	Operation> Wireless Mic Setup
The signal is weak.	Make sure there are no objects (computers, walls, pipes, etc.) between the transmitter and receiver.	Operation> Wireless Mic Setup
The signal quality is poor.	Keep any connected audio cables away from the antenna and power cable. Select another channel using ASC (Auto-Sync Channel) on your receiver.	Operation> Wireless Mic Setup

Appendix (English)

Technical Specifications

Specifications are subject to change without notice.

Wireless reception and range are affected by walls, obstructions, and movement. For optimal performance, place the product in the center of the room so it is unobstructed by walls, furniture, etc.

Power	Power Adapter: 5V DC, 3 A, center-positive Input Voltage: 100 – 240V AC, 50/60 Hz
Frequency Range	863 – 865 MHz (EU/UK), 584 .4– 606.75 MHz (US)
Maximum Number of Channels	16
Output Power	10 mW
Harmonic/Spurious Emissions	> 50 dBc
Modulation Depth	+/- 55 KHz
Maximum Input Level	< 1%
Distortion	> 250mV
Frequency Response	50 Hz - 16 KHz
Power	2 AA batteries
Battery Life	Up to 8 hours
Dimensions (width x depth x height)	2.6" x 4.1" x 0.9" 65 x 105 x 24 mm
Weight	0.18 lbs. 0.08 kg

Trademarks & Licenses

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All other product names, company names, trademarks, or trade names are those of their respective owners.

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC ID: Y4O-DX24

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