

Operational Description

How to install Transmitter (AD200P)

1. Screw the transmitter antenna (97mm long) into the **ANT.** hole at the bottom panel of the transmitter (microphone).

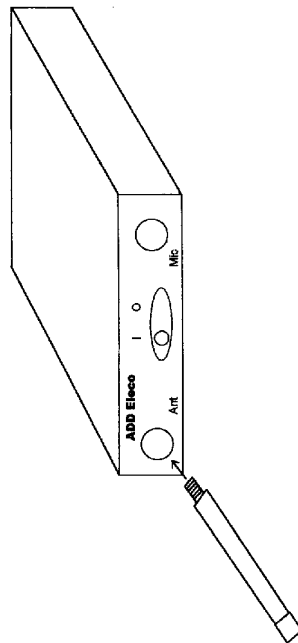


Figure 11. How to connect antenna to transmitter

2. First, confirm all parts of the **AD200P** transmitter. Packed with the **AD200P** transmitter are one 9V battery and one helical antenna. (Note: Any disposable alkaline and rechargeable 9VDC battery can also be used.)
3. In order to insert a battery into the battery holder, which is inside the transmitter, open the transmitter battery compartment by grabbing the ball of transmitter and turning the microphone handgrip to the left. Check the "+" and "-" marks written on the battery holder inside of the transmitter(microphone). The average life of an alkaline battery is longer than 20 hours. A rechargeable 9VDC battery can also be used.

* The **LED** is flickering when low voltage. (less than 6.2V)

Transmitter Installation

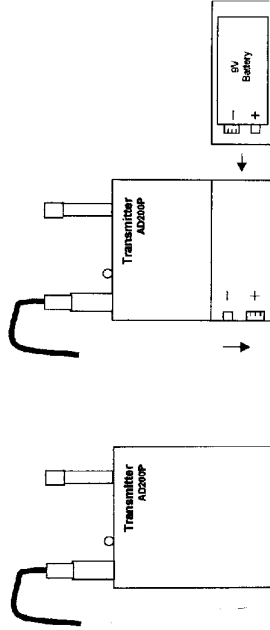


Figure 12. How to insert a 9V battery.

4. Slide the **POWER ON/OFF** switch of the transmitter to the right side, and you can find the red **ON** LED illumination
5. Insert the cord of the audio signal cable into the microphone input of your Amplifier or Mixer.
6. Turn the **V200/V201/V202TW** receiver on.
7. Turn the Mixer on.
8. Speak at a normal voice level. Turn the audio amplifier or mixer level up as required. The audio from the speaker should sound clear and distinct. Enjoy your **ADDY** system.
9. If acoustic feedback (squeal or howl) occurs in the speaker, you must change the location of either the microphone or the speaker in to prevent it.

Transmitter Installation

10. If the voice sounds weak, but not distorted, adjust by turning the volume control on the receiver up. If adjusting the volume control clockwise causes the distortion of the voice, you are overdriving the amplifier or mixer. Then, return the volume control to the midpoint setting.

Interference: The interference can occur with any radio device at any time. They are basically two types of interference, mild and severe. Before using the **ADDY** system, we recommend that you monitor the channel for interference. To do so, install the receiver of your **ADDY** system only at the desired location. DO NOT turn on any other receiver or transmitter at this time.

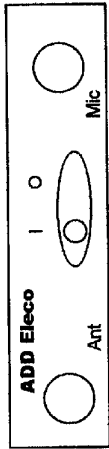


Figure 13. The bottom side panel of the transmitter.

The **ADDY** system, which is shipped, is pre-adjusted for the optimal installation and will normally not require any further adjustment. We recommend that all users read these basic tips for carefully and follow them when you operate the wireless microphone system.

Technical Specifications

Receiver :

- Carrier Frequency 174MHz -216MHz FM (F3E)
- Modulation 50Hz-15,000Hz(±3dB)
- Frequency Response Less than 2%
- Total Harmonic Distortion 2:1, Philips NE571
- Compander Type 15dBµV @50dB S/N.
- Signal Sensitivity 70dB
- Image Rejection Ratio 50µsec
- De-emphasis 1/4 Wave length
- Antenna Type -40dB 200ohms,Adj.
- Audio Output 20Watt @ 4 ohms
- Microphone Level Balanced AC120V / DC12V
- Power Amp. Output
- Power Supply
- Dimension (W x D x H mm, without antennas)

- Weight

- 150X187X38mm for V200
- 182X230X38mm for V201
- 182X230X38mm for V202TW
- 730g for V200
- 850g for V201
- 960g for V202TW

Transmitter :

- OSC Type X-Tal Controlled
- Bandwidth ±150KHz
- RF Power 10mW
- Spurious Emission Less than -40dB Below Carrier
- Pre - emphasis 50µsec
- Battery Type 9V or 1.5V X 2alkaline
- Battery life Approximately 20 hours (Alkaline)
- Dimension 36mm X 215mm
- Weight 233g

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Transmitter Installation