

Vlogmate Neo

Wireless Microphone With Ai Feature

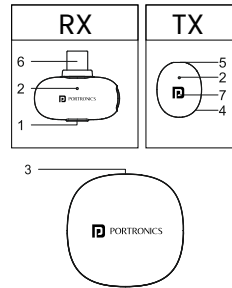


User Manual

PRODUCT INTRODUCTION

Dear users, thank you for purchasing this product. In order to know more about the product, please read this manual carefully before using it. We wish you a pleasant experience! This product is an intelligent wireless microphone with noise reduction, which can provide professional-level recording output plug and play without APP. Multiple uses: It can be used for webcasting, video vlog shooting, program interviews, interview recording, video teaching and other occasions. The wireless microphone is composed of two parts, the microphone transmitter and the mobile phone receiver.

1. key
2. Indicator
3. USB Type-C charging port
4. Charging pin
5. Microphone
6. USB Type-C plug
7. Touch Area



SPECIFICATIONS

Wireless Frequency Range	: 2402-2480MHz
Modulation	: GFSK
Audio Frequency Range	: 20Hz-20KHz
Audio Delay	: ≤25MS
Transmission Power	: ≤10dBm
Operating Current	: ≤30mA
Signal-to-Noise Ratio	: ≥80dB
Microphone Type	: Omnidirectional
Built-in Battery	: TX Transmitter-70mAh, Charging Case-400mAh
Charging Input	: TX Transmitter-DC5V/55mA; Charging Case-DC5V/500mA
Power Management	: TX Transmitter auto-shutdown after disconnected for 5 minutes
Charging Time	: TX Transmitter-1.5h, Charging Case-1h
Usage Time	: TX Transmitter-6h; Charging Case charges upto 10 hours
Transmission Distance	: 30m (Barrier free)
Operating Temperature	: 0°C to 55°C
Storage Temperature	: -20°C to +55°C
Size	: L68*W64*H26.8mm
Total Weight	: 56g

FUNCTIONS OF THE CHARGING CASE



- * The red light of the charging case flashes when charging and the blue light remains on when fully charged.
- * When the charging case charges the microphone, the blue light flashes and turns off when it is fully charged.

1. Place TX and RX correctly into their designated slots in the charging case.
2. When the battery is low, the red light flashes. Please charge the charging case as soon as possible. When charging, the red light flashes. When fully charged, the blue light remains on. After charging is complete, please unplug the charging cable in time.
3. When TX is placed in the charging case, it will automatically shut down, the blue light will flash when the charging case start to charging TX. The indicator light will be off when fully charged.

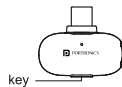
TX TRANSMITTER FEATURES

Touch Keys: Take the microphone out of the charging case to turn it on automatically, or press and hold the touch area for 3 seconds to power it on.
Low Battery: The red light flashes. Please charge the TX as soon as possible. While charging, the red light flash slowly. The light turns off when fully charged.



RX RECEIVER FUNCTION DESCRIPTION

Single Click the RX button (to switch noise reduction mode):
 Green Light: High-Fidelity Mode (Default).
 Blue Light: AI Noise Reduction.
 Purple Light: Deep AI Noise Reduction.
Double-click the noise reduction key (Mute/Unmute):
 Red Light On: Muted.
 Red Light Off: Unmuted.

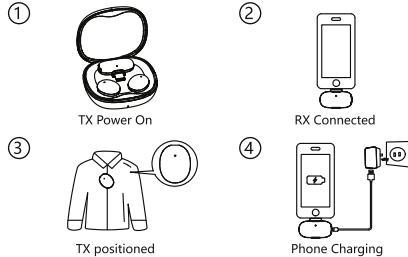


1. **During startup:** The light alternates between red and blue slowly, indicating it is in pairing mode. The green light stays solid when the connection is successful.
2. **Clip:** Attach the transmitter to your clothing within 20cm of the sound source, such as a collar.
3. **Pairing resetting:** Long press for 3 seconds, and the red and blue lights will flash alternately. (TX automatically connects after startup, no operation is required)

* Connect the RX to phone, and it will automatically power on and paired.
 * Some Android phones requires to turn on the OTG function manually for external plug-in device.

USAGE STEPS

1. Take TX and RX out of the charging case. TX will automatically power on and flash alternately in red and blue.
2. Connect RX to the mobile phone. TX and RX will automatically pair. The green light will remain constantly after the TX is turned on. The device will automatically shut down if disconnected for 5 minutes.
3. When your phone's battery is low, you can charge it using the Type-C port on the side of the RX.



PRODUCT USAGE GUIDELINES

1. As a precision electronic device, avoid water exposure or severe impacts. If liquid ingress occurs, power off immediately, drain residual moisture, and seek professional assistance.
2. For prolonged storage, recharge the battery every two months to maintain optimal performance.
3. Never expose internal batteries to direct sunlight, open flames, or extreme heat environments.
4. Use only original cables provided with the product or those recommended by authorized dealers/manufacturers. Third-party cables may compromise functionality due to inconsistent

technical standards.
 5. Always select chargers certified with China Compulsory Certification(CCC) to prevent equipment damage and safety hazards.
 6. Maintain face-to-face alignment between transmitter (TX) and receiver(RX) during operation to ensure stable signal transmission.

As shown in the picture below:

