



ADN-02

OWNER'S MANUAL



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Preface

Thanks for your favor in our product. To derive optimum performance from the product, please read this manual carefully before use.

This manual is applicable to the following product:

ADN-01 Wireless Audio Adapter (PD70X series)

ADN-02 Wireless Audio Adapter (PD60X series)

ESW01 Wireless Earpiece

Disclaimer

Hytera Communications Corporation Limited (the Company) endeavors to achieve the accuracy and completeness of this manual, but no warranty of accuracy or reliability is given. All the specifications and designs are subject to change without notice due to continuous technology development. No part of this manual may be copied, modified,

translated, or distributed in any manner without the express written permission of us. If you have any suggestions or would like to learn more details, please visit our website at: <http://www.hytera.com>.

Instructions

- Ensure the distance between the wireless earpiece and the radio is within 10 meters during operation.
- Only use the wireless earpiece if traffic conditions permit safe use and check if local laws and regulations restrict the use of wireless earpiece while driving.
- Do not use the wireless earpiece during lightning storm weather to avoid malfunction.
- Exposure to loud noise from any source for extended periods of time may temporarily or permanently affect your hearing. Use as low a volume as possible and avoid prolonged wearing.

Items in the Package

Please unpack carefully and check that all items listed below are received. If any item is missing or damaged, please contact your dealer.

No.	Name	Qty.
1	Wireless Earpiece	1
2	Earhook	1
3	Rubber Ear Cushion	3
4	Wireless Audio Adapter	1
5	Owner's Manual	1

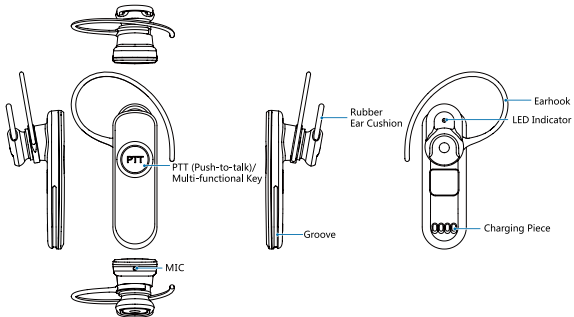
Function Overview

This exquisite, easy-wearing and low-powered wireless kit is applicable to Hytera portable radios with firmware version of 5.05 and above.

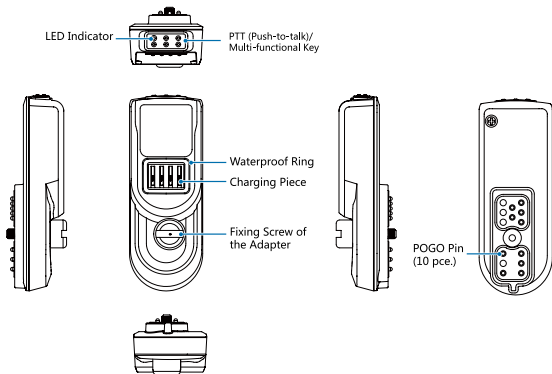
With Hands-free function, you can have convenient and safe communication within a distance of 10 meters from the radio.

Product Overview

Wireless Earpiece



Wireless Audio Adapter



Specification

Talk Time	>4 hours
Dust/Water Protection Class	IP54
Operation Temperature	Wireless Earpiece: -20°C to +60°C Wireless Audio Adapter: -25°C to +65°C
Storage Temperature	Wireless Earpiece: -40°C to +75°C Wireless Audio Adapter: -40°C to +75°C

Charging the Wireless Earpiece



Note :

- To charge the wireless earpiece, simply connect it to the adapter on the radio. It is recommended to use the high-capacity battery specified

by the Company to ensure the optimal operation duration of the radio.

- Charging the wireless earpiece will not affect the radio operation.
- If the earpiece is idle for a long time, charge it at least once within three months.
- If the LED indicator does not glow red while the wireless earpiece is being charged, charge the earpiece for 10 to 20 minutes for it to recover to normal status.

Charge the wireless earpiece before use. The LED indicator of the wireless earpiece glows red during charging and glows blue when the wireless earpiece is fully charged. Also, the LED indicator indicates the pairing and connection status. Please refer to LED Indication for details.



1. Connect the wireless audio adapter to the radio and secure the screw to fasten it.



2. Fix the wireless earpiece into the wireless audio adapter. Make sure the wireless earpiece is fully fixed into the adapter.

3. Turn on the radio.



Caution: The wireless earpiece can be charged only when the radio is powered on.

Pairing with and Connecting to the Adapter

Before initial use, the wireless earpiece needs to be paired with and connected to the adapter automatically. Afterwards, the wireless earpiece can be connected to the adapter automatically upon power-on.



Note: Wireless ring PTT is an optional accessory. Please contact us or your local dealer for details.

Auto Pairing and Connection

When the wireless earpiece is connected to the adapter for initial use, the wireless earpiece will be paired with and connected to the adapter automatically.

1. Disconnect the wireless earpiece from other devices (excluding wireless ring PTT).
2. Connect the wireless earpiece with the radio. See Charging the Wireless Earpiece for details.
3. Turn on the radio, and the wireless earpiece will be powered up.
4. The wireless earpiece will be paired with and connected to the adapter automatically.
 1. Pairing mode: The LED indicator of the wireless earpiece/adapter flashes red and blue alternatively.
 2. Connection status: When the connection is completed, the LED indicator of the wireless earpiece flashes blue rapidly and the LED indicator of the adapter glows blue (waiting for pairing and connection of the wireless ring PTT).
 - » When there is a wireless ring PTT available for pairing and connection and it is paired and connected successfully, the LED indicator of the adapter flashes blue rapidly.
 - » When there is a wireless ring PTT available for pairing and connection but it is not paired and connected successfully, the adapter will exit the pairing and connection mode of the wireless ring PTT after about three minutes, and the LED indicator of the adapter flashes blue rapidly at the same time.
 - » When there is no wireless ring PTT available for pairing and connection, the adapter will exit the pairing and connection mode of the wireless ring PTT after about three minutes, and the LED indicator of the adapter flashes blue rapidly at the same time.

Manual Pairing and Connection

Scenario One

When the wireless earpiece is not connected to the adapter for initial use, the wireless earpiece needs to be paired with and connected to the adapter manually.

1. Disconnect the wireless earpiece from other devices (excluding wireless ring PTT).
2. Connect the wireless audio adapter to the radio and secure the screw to fasten it.
3. Turn on the radio, and the wireless audio adapter will be powered up.
4. Long press the **PTT/ Multi-functional** key of the wireless earpiece and wireless audio adapter respectively until the LED indicators flash red and blue alternatively to enter the pairing mode. Then release the **PTT/ Multi-functional** key.

For LED indications of the wireless

earpiece and wireless audio adapter after the connection is completed, please see sub-step 2 of Step 4 in Auto Pairing and Connection.

Scenario Two

When the wireless earpiece is paired with and connected to the adapter, if you want to add or replace the wireless ring PTT, you will need to connect the wireless earpiece to the wireless ring PTT manually.

1. Disconnect the wireless earpiece from other devices (excluding wireless ring PTT).
2. Long press the **PTT/ Multi-functional** key of the wireless audio adapter and then turn on the radio. Do not release the **PTT/ Multi-functional** key of the wireless audio adapter until the LED indicator of the wireless audio adapter flashes red and blue alternatively to enter the pairing mode.
3. Long press the **PTT/ Multi-functional**

key of the wireless earpiece and the + key and – key of the wireless ring PTT until the LED indicator of the wireless earpiece flashes red and blue alternatively and the LED indicator of the wireless ring PTT glows blue to enter the pairing mode.

The LED indicators of the wireless earpiece, wireless audio adapter and wireless ring PTT flash blue rapidly after the connection is completed.

Wearing the Wireless Earpiece



Tips: There are three rubber ear cushions with different sizes provided with the wireless earpiece for your comfortable wearing.

Wear the wireless earpiece after the connection is completed. Adjust the rubber ear cushion to position it into your ear canal, and adjust the earhook to secure the earpiece.



Transmitting

After detaching the wireless earpiece from the adapter, you can hold down the **PTT/ Multi-functional** key on the wireless earpiece or the **PTT/ Multi-functional** key on the adapter to make a call.

Powering On/Off

The wireless earpiece will give ring indication (you can hear it only when you are wearing the wireless earpiece) upon power-on/off.

Powering On

- Automatic power-on: When attached to the radio via the adapter, the wireless earpiece will be powered on automatically when the radio is turned on.
- Manual power-on: When the wireless earpiece is not attached with the adapter, you can power on the wireless earpiece by long pressing the **PTT/ Multi-functional** key on it. The adapter can be powered on by turning on the radio only.

release the **PTT/ Multi-functional** key when the LED indicator glows red.

The LED indicator flashes after the wireless earpiece is powered on. Please refer to LED Indication for indication details.

Powering Off

To power off the adapter, turn off the radio.

To power off the wireless earpiece, long press the **PTT/ Multi-functional** key after the wireless connection is disconnected (the LED indicator flashes blue slowly) and

LED Indication

LED Indication	Wireless Earpiece Status	Adapter Status
The LED indicator flashes red and blue alternatively.	Pairing	Pairing
The LED indicator glows red.	• Transmitting • Charging	Transmitting
The LED indicator flashes red.	Low battery power	/
The LED indicator flashes blue twice rapidly.	Connected with no voice	Connected with no voice
The LED indicator flashes blue once rapidly.	Connected with voice	Connected with voice
The LED indicator flashes blue slowly.	Paired but not connected	Paired but not connected
The LED indicator glows blue.	Fully charged	Waiting for pairing and connection of the wireless ring PTT

Troubleshooting

Phenomena	Analysis	Solution
The LED indicator does not glow red while the wireless earpiece is being charged.	The battery power of the wireless earpiece may run out completely.	Charge the wireless earpiece for 10 to 20 minutes.
The wireless earpiece cannot pair with the adapter.	The wireless earpiece or the adapter may pair with other wireless devices.	Move away from other wireless devices and restart the radio to pair the wireless earpiece with the adapter.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and

(2) This device must accept any interference, including interference that may cause undesired operation of the Device.

The device compliance with SAR limits, users can obtain Canadian information on RF exposure and compliance

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 n' 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.

Après examen de ce matériel aux conformité aux limites DAS et/ou aux limites d'intensité de champ RF, les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir les informations correspondantes

Under Industry Canada regulations, this radio transmitter may only operate using an

antenna of a type and maximum (or lesser) gain approved for the transmitter by

Industry Canada. To reduce potential radio interference to other users, the antenna

type and its gain should be so chosen that the equivalent isotropically radiated power

(e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut

fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé

pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de

brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type

d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.)

ne dépasse pas l'intensité nécessaire à l'établissement d'une communication

satisfaisante.