



Hytera SM27W2 Wireless Remote Speaker Microphone User Manual

[Home](#) » [Hytera](#) » Hytera SM27W2 Wireless Remote Speaker Microphone User Manual 

Contents

- [1 Hytera SM27W2 Wireless Remote Speaker Microphone User Manual](#)
- [2 Preface](#)
- [3 Precautions](#)
- [4 Packing List](#)
- [5 Product Overview](#)
- [6 Product Layout](#)
- [7 Before Use Charging the Battery](#)
- [8 Fixing the Product](#)
- [9 Basic Features](#)
- [10 Troubleshooting](#)
- [11 Care and Cleaning](#)
- [12 FCC Warning](#)
- [13 Documents / Resources](#)
- [14 Related Posts](#)



Hytera SM27W2 Wireless Remote Speaker Microphone User Manual



Preface

Welcome to the world of Hytera and thank you for purchasing this product. To derive optimum performance from the product, please carefully read this manual before use.

This manual is applicable to the following product: SM27W2 Wireless Remote Speaker Microphone

Icon Conventions

The following icons are available through this manual:

NOTE :

Indicates references that can further describe the related topics.

CAPTION:

Indicates situations that could cause data loss or equipment damage.

Copyright Information

Hytera is the trademark or registered trademark of Hytera Communications Corporation Limited (the Company) in PRC and/or other countries or areas. The Company retains the ownership of its trademarks and product names. All other trademarks and/or product names that may be used in this manual are properties of their respective owners.

The product described in this manual may include the Company's computer programs stored in memory or other media. Laws in PRC and/or other countries or areas protect the exclusive rights of the Company with respect to its computer programs.

The purchase of this product shall not be deemed to grant, either directly or by implication, any rights to the purchaser regarding the Company's computer programs. The Company's computer programs may not be copied, modified, distributed, decompiled, or reverse-engineered in any manner without the prior written consent of the Company.

Disclaimer

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 technological development. No part of this manual may be copied, modified, translated, or distributed in any manner without the prior written consent of the Company.

We do not guarantee, for any particular purpose, the accuracy, validity, timeliness, legitimacy or completeness of the third-party products and contents involved in this manual.

If you have any suggestions or would like to receive more information, please visit our website at:
<http://www.hytera.com>.

EU Regulatory Conformance

As certified by the qualified laboratory, the product is in compliance with the essential requirements and other relevant provisions of the following directives:

- 2011/65/EU
- 2012/19/EU
- 2014/53/EU

Please note that the above information is applicable to EU countries only.

Precautions

- When using the product, keep the USB interface covered.
- When using the product while driving, follow the local laws and regulations.
- In a thunderstorm, do not use the product. Otherwise, the product may work abnormally.

Packing List

The product can be shipped with a belt clip or a buckle. According to the type of the product that you have purchased, unpack carefully and check that you have received the following items. If any item is missing or damaged, contact your local dealer.

For the Product with a Belt Clip

Item	Quantity (PCS)
Wireless Remote Speaker Microphone	1
USB Cable	1
User Manual	1

For the Product with a Buckle

Item	Quantity (PCS)
Wireless Remote Speaker	
Microphone USB Cable	1
	1
Hanger	1
ST4.0 x 16.0 mm Screw	2
<u>User Manual</u>	<u>1</u>

NOTE :

Pictures in this manual are only for reference.

Product Overview

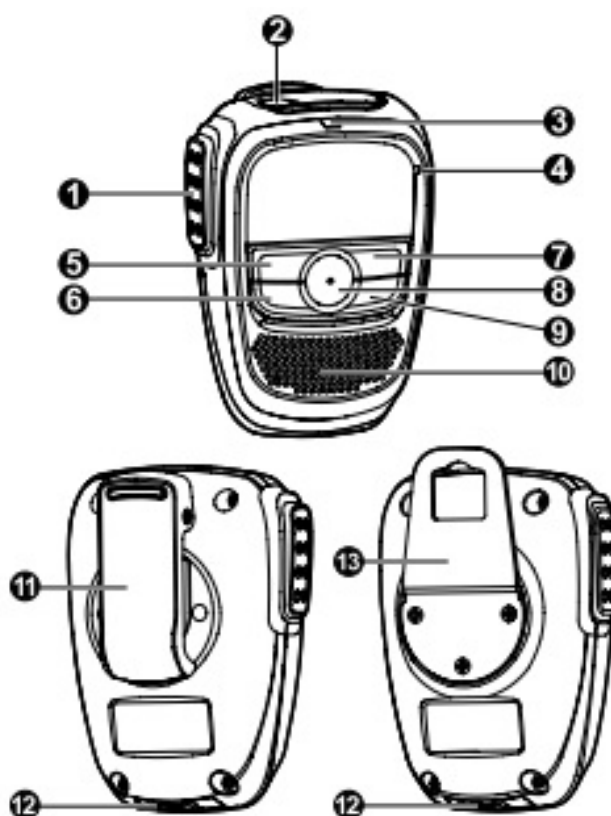
Introduction

The SM27W2 wireless remote speaker microphone is an audio accessory that allows you to connect to Hytera's portable and mobile radios through wireless technology. After connecting to the radio, you can use the product to transmit or receive a voice call without holding the radio. The product is suitable for sectors such as public safety, transportation, and industry and commerce.

NOTE :

For the applicable models of radios, consult your local dealer or Hytera.

Product Layout



No.	Part Name Push-to-Talk	No.	Part Name Multifunction
1	(PTT) Key	8	Key P2 Key
2	Top Key (TK)	9	
3	LED Indicator	10	3S6p0e°aRker
			otatable
4	Microphone	11	UBeSIbT CInlitperface
5	Left Key	12	
6	P1 Key	13	Buckle
7	Right Key	/	/
Prog	rammable Keys		

Programmable Keys

The product provides three programmable keys, including the TK, P1, and P2 keys. For details, consult your local dealer.

LED Indicator

LED Indicat Status	or Description ● The product is being turned
Glowing blue	on (for one second). ● The software version is being checked.

Status	Description <ul style="list-style-type: none"> ● The product is being turned
Glowing red Glowing	off (for two seconds). <ul style="list-style-type: none"> ● The product is being charged. ● The product is transmitting.
green Slowly	The product is fully charged.
flashing blue (once for each time) Slowly	The connection is not established.
flashing blue (twice for each time) Rapidly	The connection is established (without voice). The connection is established
flashing blue Flashing red	(with voice).
and blue alternatively. Slowly	The product is switching to the pairing mode.
flashing red	The battery power is low.

Alert Tone

Alert Tone	Description
Status	The product is being turned
Four tones from	low to high Four tones from
high to low	on. The product is being turned
A tick and a beep	off.
in succession	The product is switching to
A beep	the pairing mode. The connection is
Two beeps in	established.
sFuiycecesusscicoenssive	The product is disconnected
beeps every	from the radio.
B ^m e ⁱⁿ f ^u t ^r e ^e Use	The battery power is low.

Before Use Charging the Battery

NOTE

If not using the product for a long time, charge it at least once within three months.

When the battery power is low, charge it in time. To charge the battery, connect the product to the USB port on the power adapter, mobile power supply, or PC with the data cable. After charging, keep the USB interface covered.



Turning on/off the Product

- Turning on the product
- Long press the Multifunction key for three seconds.
- Turning off the product
- To manually turn off the product, long press the Multifunction key for three seconds.
- The product automatically turns off in the following situations:

- The distance between the product and the radio is beyond the effective communication distance for 10 minutes.
- The product is not connected to the radio within 10 minutes after being turned on.

Pairing

You can select fast pairing or manual pairing. For time-saving and easy operation, fast pairing is recommended. After being paired with the radio, the product will automatically reconnect to the radio when you turn on the product next time.

Fast Pairing

NOTE

To use fast pairing, the radio must also support this feature. Otherwise, you can only manually pair the product with the radio.

1. Turn on the product and the radio.
2. Keep the front of the product close to the radio for pairing.

When the LED indicator slowly flashes blue (twice for each time) and a beep sounds, the product has connected to the radio.

Manual Pairing

1. In shutdown mode, long press the Multifunction key for five seconds to switch the product into pairing mode.
The LED indicator flashes red and blue alternatively.
2. Switch the radio into pairing mode.

When the LED indicator slowly flashes blue (twice for each time) and a beep sounds, the product has connected to the radio.

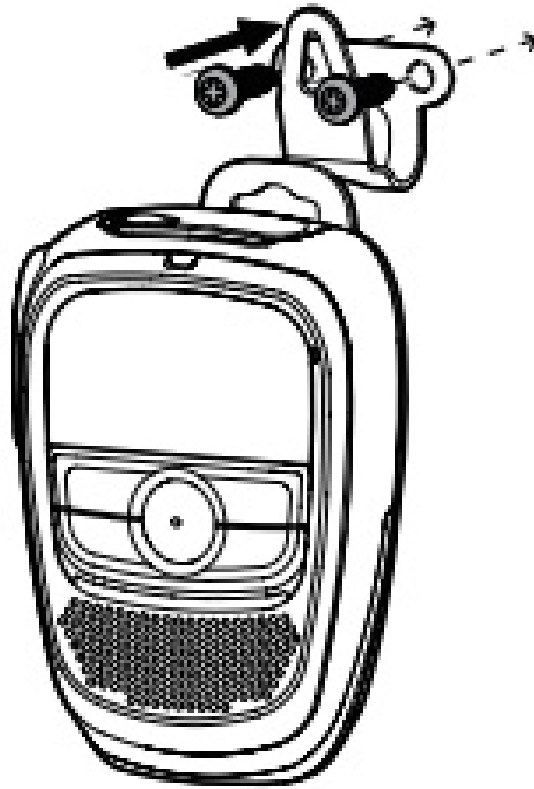
Fixing the Product

For the Product with a Belt Clip

You can wear the product to epaulettes, jacket pockets, belts, and other proper positions.

For the Product with a Buckle

1. Fix the hanger to a proper position with two ST4.0 x 16.0 mm screws.



2. Insert the buckle of the product into the hanger, as shown in the following figure.



Basic Features

Adjusting the Volume

With the product turned on and connected to the radio, press the Left key to decrease the volume, or press the Right key to increase the volume.

Transmitting

1. Press and hold the PTT key to speak into the microphone.
2. When you finish speaking, release the PTT key.

Answering/Declining/Ending a Call

- Answering a call: When you need to manually answer a call, press the PTT key.
- Declining a call: When you want to decline a call that need to be manually answered, do as follows:
 - a. Press the Multifunction key to enter silent mode.
 - b. Press again the Multifunction key to decline the call.

The silent mode is canceled at the same time.

- Ending a call: press the Multifunction key.

Playing/Pausing the Music

In the music play status, press the Multifunction key to play or pause the music.

Switching to the Previous/Next Song

In the music play status, long press the Left key to switch to the previous song, or long press the Right key to switch to the next song.

Checking the Software Version

1. In shutdown mode, long press the Left, P1, and Multifunction keys at the same time for three seconds.
2. On the radio, search for the product in pairing information. You can see the software version contained in the name used for pairing.
3. To exit the checking mode, turn off the product.

CAUTION

When you search for the software version of the product on the radio, the product cannot be connected to the radio.

Troubleshooting

AutomatPichreen-ocomnneanea ction	Analysis	Solution
fNaoiliss.e exists during a call.	The distance between the produ ct and the radio	Keep the product and the radio within the e ffective communication distance.
When you press the PTT key,	is beyond the effective	
the LED indicator does not glo w.	communication distance.	
The product cannot be	The battery power is running	
turned on.	out.	Charge the product.
During charging, the LED indic ator does not glow.	The battery power is running out .	Charge the product for 10 minutes to 20 mi nutes. After charging, the LED indicator wil l glow red.
The press on any one of keys i s invalid.	The product is frozen.	1. Long press the TK , Left , and Right keys for two seconds to reset and
If the above solutions cannot fix	your problem, or you may hav	2. turn off the product. Turn on the product. e some other queries, contact your local

If the above solutions cannot fix your problem, or you may have some other queries, contact your local dealer or Hytera for more technical support.

Care and Cleaning

To guarantee optimum performance as well as a long service life of the product, please follow the tips below.

Product Care

- Do not pierce or scrape the product.
- Keep the product away from substances that can corrode the circuitry.

Product Cleaning

CAUTION

- Before cleaning, remove all cables first.
- Make sure the product is completely dry before use.
- Clean up the dust and fine particles on the product surface and USB interface with a clean and dry lint-free cloth or a brush regularly.
- Use neutral cleanser and a non-woven fabric to clean the keys and shell. Do not use chemical preparations such as stain removers, alcohol, sprays, or oil preparations, so as to avoid the surface and shell damage.

Optional Accessories

CAUTION

Use the accessories approved only by Hytera. Otherwise, we will not be liable for any loss or damage arising out of the use of unauthorized accessories.

Contact your local dealer or Hytera for the optional accessory of the product.

FCC Warning

Any 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 the 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then on. The user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
2. Connect the equipment into an outlet on a different circuit to that of the receiver's outlet.

3. Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

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.

ISED RSS warning

This device complies with ISED 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.

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

This equipment complies with ISED 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.

Documents / Resources

	<p>Hytera SM27W2 Wireless Remote Speaker Microphone [pdf] User Manual SM27W2, YAMSM27W2, SM27W2 Wireless Remote Speaker Microphone, Wireless Remote S peaker Microphone</p>
---	---