How to Choose the Right Accessories for Your RT86

The Retevis RT86 professional two-way radio is the core of reliable team communication. However, choosing the right accessories can unlock greater communication range, clearer and more private audio, and a professional communication system. More importantly, they allow you to tailor your device perfectly to the demands of different scenarios. This guide will assist you in selecting compatible and suitable accessories.

1. Antenna

(1) Compatibility Requirements:
①Physical Interface: RT86 antenna interface SMA-F. The antenna interfaces must be compatible; incompatible interfaces will prevent installation.
②Operating Frequency: Ensure that the frequency range marked on the antenna completely covers the actual frequency range used by the RT86.
(2) To improve communication clarity and ensure long-term antenna use, the following parameters should be considered:
①Antenna Gain: High-gain antennas are preferred.
②Antenna Power: The antenna's rated power should be greater than or equal to the host's power. If the antenna power is less than the host's power, the antenna may be damaged due to overload during prolonged use.
(3) Antennas are frequently purchased by customers of the RT86 walkie-talkie.
Long Antenna: https://www.amazon.com/dp/B013QO4AY8?th=1
Foldable Tactical Antenna: https://www.amazon.com/dp/B07XRNZBQ4?th=1
Short Antenna: https://www.amazon.com/dp/B00ZX1L11S?th=1

Important reminder: Please ensure the antenna is tightened securely and kept vertical during communication for optimal radiation. Avoid holding the antenna completely by the middle and keep it away from large obstacles such as metal objects.

2. Audio accessories

(1) Compatibility Requirements:
The RT86 walkie-talkie uses a K-2 pin audio interface. Accessories with the same plug must be selected for use. If your accessory is not K-2 pin, you can choose an audio interface adapter.



Rt86 audio interface



K-2 pin

(2) Accessory Types and Recommended Combinations for Customers:
①Standard Headset/Earphone: Suitable for everyday environments such as security, shopping malls, and restaurants, providing clear and private calls.
Customers often purchase the following accessories with the RT86:
https://www.amazon.com/dp/B0721JLWNZ
https://www.amazon.com/dp/B08DLPDJPS
②Noise-canceling headset/earphones: Suitable for high-noise environments such as construction sites, factories, and airports. Protects hearing and improves speech clarity through physical sound insulation or electronic noise reduction technology.
Customers often purchase the following accessories with the RT86:
https://www.amazon.com/dp/B0DKP1C6Z3
https://www.amazon.com/dp/B0FB89NB4W?th=1
③Speaker Microphone (Shoulder Microphone):
Clip-on to a shoulder strap or collar, it features a built-in speaker and microphone, allowing for hands-free calling. The volume is typically louder than the built-in speaker, making it suitable for noisy environments or in-car use.
Customers often purchase the following accessories with the RT86:
https://www.amazon.com/gp/product/B08TC9N751
https://www.amazon.com/dp/B07236MNVB

3. Batteries and charging accessories

(1) RT86 original battery: https://www.amazon.com/dp/B0BZ428Y5X
(2) Desktop charger: Single-slot/multi-slot charging dock: Multi-slot chargers are convenient for centralized team management and are highly efficient.
RT86 Original Six-Way Charger: https://www.amazon.com/dp/B0F32CBCJL

4. Functional expansion accessories

(1) Repeater Station This is the core equipment that greatly extends the communication range. Repeaters are usually installed at high places to receive weak signals and forward them with greater power. They can effectively bypass the obstruction of buildings or terrain and effectively extend the communication range of RT86 to tens of kilometers.
RETEVIS RT86 Repeater: https://www.amazon.com/gp/product/B07Q71LZJG?th=1
(2) Cable： It is used to connect computers and walkie-talkies for information and function settings, and is an essential tool.
RT86 Original Cable: https://www.amazon.com/dp/B00FS8SSPS

5. Protective and carrying accessories

Purchasing protective accessories extends the lifespan of your equipment and improves ease of use. They protect your walkie-talkie from drops, scratches, water damage, or dust, providing a more comfortable and secure way to carry it, freeing up your hands. You can choose based on your needs:
(1) Anti-drop protective case/silicone case: absorbs the impact of drops and prevents the outer shell from being scratched.

(2) Waterproof and dustproof cover: Provides extra protection for walkie-talkies in extreme environments such as rain, snow, sandstorms, or dust.
(3) Belt clip/holster: A sturdy rotating belt clip is the most standard way to carry a belt, allowing for quick and easy access. A holster offers another carrying style and sometimes provides better protection.

In addition to the accessories recommended above, there are many other professional, high-quality accessories that we haven't been able to showcase. You can find the accessories you want at the RETEVIS flagship store:
https://www.amazon.com/stores/page/EE1C2C49-7946-4E85-BB39-C6F0FA58563A?ingress=2&lp_context_asin=B013QO4AY8&visitId=a0028236-4fb0-466e-a591-2b85d62c8359&store_ref=bl_ast_dp_brandLogo_sto&ref_=ast_bln

Now you understand how to select the right accessories for your Retevis RT86. Thank you for choosing the Retevis RT86. We believe that with your careful configuration, the RT86 will become a reliable business partner, providing solid and reliable communication support for every operation, and enhancing the reliability, security, and efficiency of team communication.