

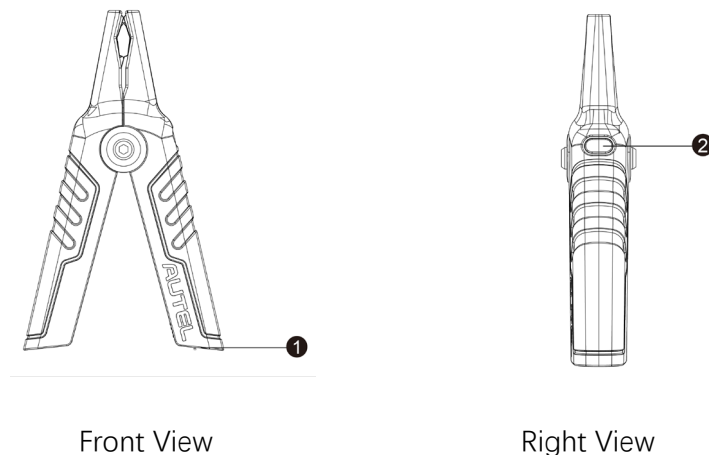
Quick Reference Guide

TPC-B/TPC-R Wireless Temperature Clamp

Thank you for purchasing the TPC-B/TPC-R Wireless Temperature Clamp. When used with Autel diagnostic tools (sold separately), the clamp measures the temperature of the automotive air conditioning piping and transmits data via Bluetooth, providing parameter-based evidence for air conditioning systems diagnostics.

Our products are manufactured to a high standard and — when used according to these instructions and properly maintained — will provide years of trouble-free performance.

Product Description



1. Battery Compartment — holds 2 x AAA batteries. Slide the latch switch to the Unlock position to open the cover. Slide the latch switch to the Lock position to secure the cover.
2. Power Button/Status LED — long press to power on/off the device. Refer to Table 1-1 Status LED Description for details on status LED.

Table 1-1 Status LED Description

LED	Color	Description
Status	Yellow	● Flashes yellow when the clamp is upgrading its software or flashes yellow three times quickly before shutting down. ● Lights solid yellow when the clamp is performing a self-test or when a Bluetooth error occurs during self-test.
	Green	Lights solid green when the clamp battery level is normal.
	Blue	● Lights solid blue when the clamp is connected via Bluetooth, but there is no data being transmitted. ● Flashes blue when transmitting Bluetooth data.
	Red	● Lights solid red when the clamp battery level is low. ● Flashes red when the clamp is open or incorrectly

		clamped.
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Technical Specifications

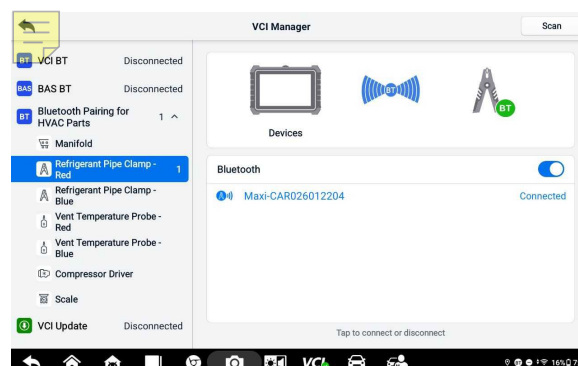
Item	Description
Connectivity	BT V5.0
Battery Type	2 x AAA
Pipe Size Compatibility	6 mm to 30 mm (0.2" to 1.2")
Measurement Range	-46°C to 125°C (-50.8°F to 257°F)
Accuracy	±0.5°C (±0.9°F)
Wireless Range	50 m (164")
Radio Frequency	2.4 GHz
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Weight	143 g (0.32 lbs.)
Dimensions (H x W x D)	161.5 mm (6.36") x 100 mm (3.94") x 34 mm (1.34")

Getting Started

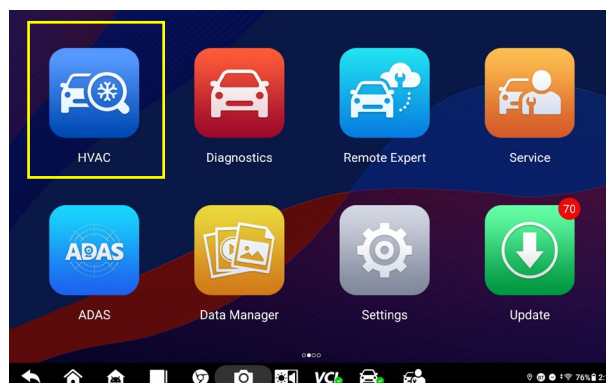
WARNING: Before operating or maintaining this device, please read these instructions carefully, paying extra attention to the safety warnings and precautions. Failure to do so may cause damage and/or personal injury and will void the product warranty.

1. Install the batteries into the battery compartment. (2 x AAA batteries)
2. Long press the Power button to power on the **clamp**.
3. After powering on the MaxiHVAC tablet, connect the **clamp** to the MaxiHVAC tablet via Bluetooth.

(The Bluetooth ID **will match the product serial number which can be found on the product label.**)



4. Tap **HVAC** on the MaxiHVAC Job Menu.



5. Follow the dynamic graphic instructions on the screen to use the clamp.

Maintenance

Clean the exterior of the clamp with a damp cloth. Do not use detergents or solvents.

Packing List

Wireless Temperature Clamp – Red/Blue 2 PCS	放 200001415 框图
Quick Reference Guide (This document)	
Multilingual Safety Instruction (Optional)	
Multi-language Documentation Download Guide (Optional)	

Warranty

Autel guarantees that the clamp is free from material and manufacturing defects for a period of 12 months. Autel will replace **at its own discretion** any merchandise **determined to be defective** during the warranty period. The warranty shall be void if any of the following occurs:

1. Improper installation of the product;
2. Improper use;
3. Product damage due to collision, man-made damage or natural disasters;
4. Exceeding the product-specific use restrictions.

Compliance Information

Autel Intelligent Technology Corp., Ltd. hereby declares that the radio equipment types TPC-B/TPC-R are in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following URL:

<https://www.autel.com/download.jhtml>

NOTE: The illustrations in this guide are for reference only. The actual product may differ.

FCC Information and Copyright

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.

15.19 Labelling requirements.

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.

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

FCC RF warning statement: the device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: This device may not cause interference.

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

- RF exposure statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

- French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

Cet appareil ne doit pas causer d'interférences.

Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Déclaration d'exposition RF:

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans des conditions d'exposition portable sans restriction.