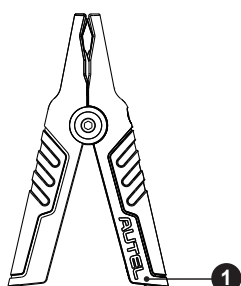


TPC-B/TPC-R Wireless Temperature Clamp

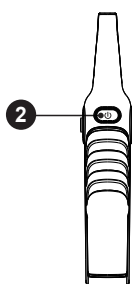
Thank you for purchasing the TPC-B/TPC-R Wireless Temperature Clamp. When used with Autel diagnostic tools (sold separately), the clamp measures the temperature of the automotive air conditioning piping and transmits data via Bluetooth, providing parameter-based evidence for air conditioning systems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



Front View



Right View

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.

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)
Dimensions (H x W x D)	161.5 mm (6.36") x 100 mm (3.94") x 34 mm (1.34")

Item	Description
Wireless Range	50 m (164 feet)
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.)

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 two AAA batteries (purchased separately) into the battery compartment.
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.)

2. Long press the **Power** button to power on the clamp.

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		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.