

TT5800 Quick User Guide

802.11a 310mW

Package Contains

1. TT5800 802.11a PCBA (1)
2. IEEE 802.11a miniPCI radio card (1)
3. Power over Ethernet Injector (1)
4. 48VDC Power Adapter (1)
5. Ethernet Cable (2)
6. Waterproof RJ-45 Connector (1)
7. Mounting Hardware (1)
8. 23dBi Subscriber antenna,
9. 20cm RF cable (cable loss: 8dB)
10. User Manual



Quick Installation

Always double check for any missing parts from the kit you received before deployment.

Next step is to set up the computer Ethernet interface for configuring the TT5800. Since the default IP Address of the unit is on the 192.168.10.x IP range in both Client Bridge and AP mode you'll need to set the computer Ethernet interface within the same IP range, such as 192.168.10.66.

Hardware Installation

Follow the procedure below to install your TT5800 device:

1. Select a suitable place on the network to install the TT5800. For best wireless reception and performance the external antenna should be positioned within Line of Sight from the AP with proper alignment.
2. Connect the TT5800 to the ODU side of the PoE Injector via a straight Ethernet cable (Cat-5), then connect the NET side of the PoE Injector to either a computer or an Ethernet Switch.

Note: The TT5800 now fully supports the MDI/MDI-X standard and no longer require the use of cross over cable to connect directly with a computer.

3. Connect the 48VDC power adapter to the power jack on the PoE injector to power on the TT5800.

Check the LEDs on the TT5800 to confirm if the status is okay. At this point the **PWR** and **LAN** LEDs should be on green. The **WLAN** light should light up once the unit is associated wirelessly with another wireless device. However at this point the unit is still in factory default setting so do not be alarmed that the WLAN light doesn't light up.

Web Control Interface

Default IP Address in Client Bridge Mode: **192.168.10.241**



Default IP Address in Access Point Mode: **192.168.10.240**



Default Login / Password: **Nothing needs to be typed in for login and password authentication.**

For detailed instructions on how to configure the TT-5800, please refer to www.teletronics.com/Support.html

TT5800 is current designed to be configured only for the point-to-point operation mode, one access point (AP) and one access client (AC) are needed.

Use in the following applications:

- Financial banks and brokerage houses sensitive data transmission
- Government agencies data connection among buildings
- Central office to branch office(s) connection
- Remote wireless monitoring
- TT5800 has one antenna port, one data/power port and one console port. The antenna port is N-Type female connector used to connect to the RF cable then to the flat panel antenna. The data/power port is used to link to the cable from the power injector. When the TT5800 and the network/power injector are connected together, The TT5800 is turned on and initialized if the network/power injector in the indoor is also installed successfully.

Warranty Policy

Limited Warranty

All Teletronics' products warranted to the original purchaser to be free from defects in materials and workmanship under normal installation, use, and service for a period of one (1) year from the date of purchase.

Under this warranty, Teletronics International, Inc. shall repair or replace (at its option), during the warranty period, any part that proves to be defective in material of workmanship under normal installation, use and service, provided the product is returned to Teletronics International, Inc., or to one of its distributors with transportation charges prepaid. Returned products must include a copy of the purchase receipt. In the absence of a purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be voided if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than a Teletronics International, Inc. employee or authorized service facility, or any use in violation of instructions furnished by Teletronics International, Inc.

This warranty is also rendered invalid if this product is removed from the country in which it was purchased, if it is used in a country in which it is not registered for use, or if it is used in a country for which it was not designed. Due to variations in communications laws, this product may be illegal for use in some countries. Teletronics International, Inc. assumes no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it is intended.

IN NO EVENT SHALL TELETRONICS INTERNATIONAL, INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER.

Some states do not allow the exclusion or limitation of special, incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

RMA Policy

Product Return Policy

It is important to us that all Teletronics' products are bought with full confidence. If you are not 100% satisfied with any product purchased from Teletronics you may receive a prompt replacement or refund, subject to the terms and conditions outlined below.

IMPORTANT: Before returning any item for credit or under warranty repair, you must obtain a Return Merchandise Authorization (RMA) number by filling out the RMA form. Products will not be accepted without an RMA number. All products being shipped to Teletronics for repair/refund/exchange must be freight prepaid (customer pays for shipping). For all under warranty repair/replacement, Teletronics standard warranty applies.

30-Day full refund or credit policy:

- I. Product was purchased from Teletronics no more than 30 day prior to the return request.
- II. All shipping charges associated with returned items are non-refundable.
- III. Products are returned in their original condition along with any associated packaging, accessories, mounting hardware and manuals. Any discrepancy could result in a delay or partial forfeiture of your credit.

Unfortunately, Teletronics cannot issue credits for:

- I. Products not purchased from Teletronics directly. If you purchased from a reseller or distributor you must contact them directly for return instructions.
- II. Damaged items as a result of misuse, neglect, or improper environmental conditions.
- III. Products purchased direct from Teletronics more than 30 days prior to a product return request.

To return any product under 1 year warranty for repair/replacement, follow the RMA procedure.

Note:

This device must be installed by professional.

End-user cannot set the functionality by hardware or software from one to another directly.

End-user can adjust output power through a drop down menu, but cannot adjust the output power over the application; it is 310mW for 5.8GHz. The EUT will be settled output power not greater than the application by manufacturer.

Installation of this device should be accomplished only by a qualified wireless LAN system installer who is:

- Knowledgeable of the use. Installation and configuration procedures and associated networking components.
- Knowledgeable of each system component's equipment User and Installation Guide.
- Knowledgeable of the installation procedures, safety, and code requirements for the site's antenna, antenna mast, antenna cabling, and installation. TELETRONICS highly recommends that the antenna installation be performed by a qualified antenna installation professional.

The intended use is generally not for the general public. It is generally for industry/commercial use.

The device cannot be sold retail, to the general public or by mail order. It must be sold to dealers or have strict marketing control.

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FCC Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 100 centimeters between the radiator and your body.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.