

# TEoC GigaKit

Quick User Guide

Part Number: 310500

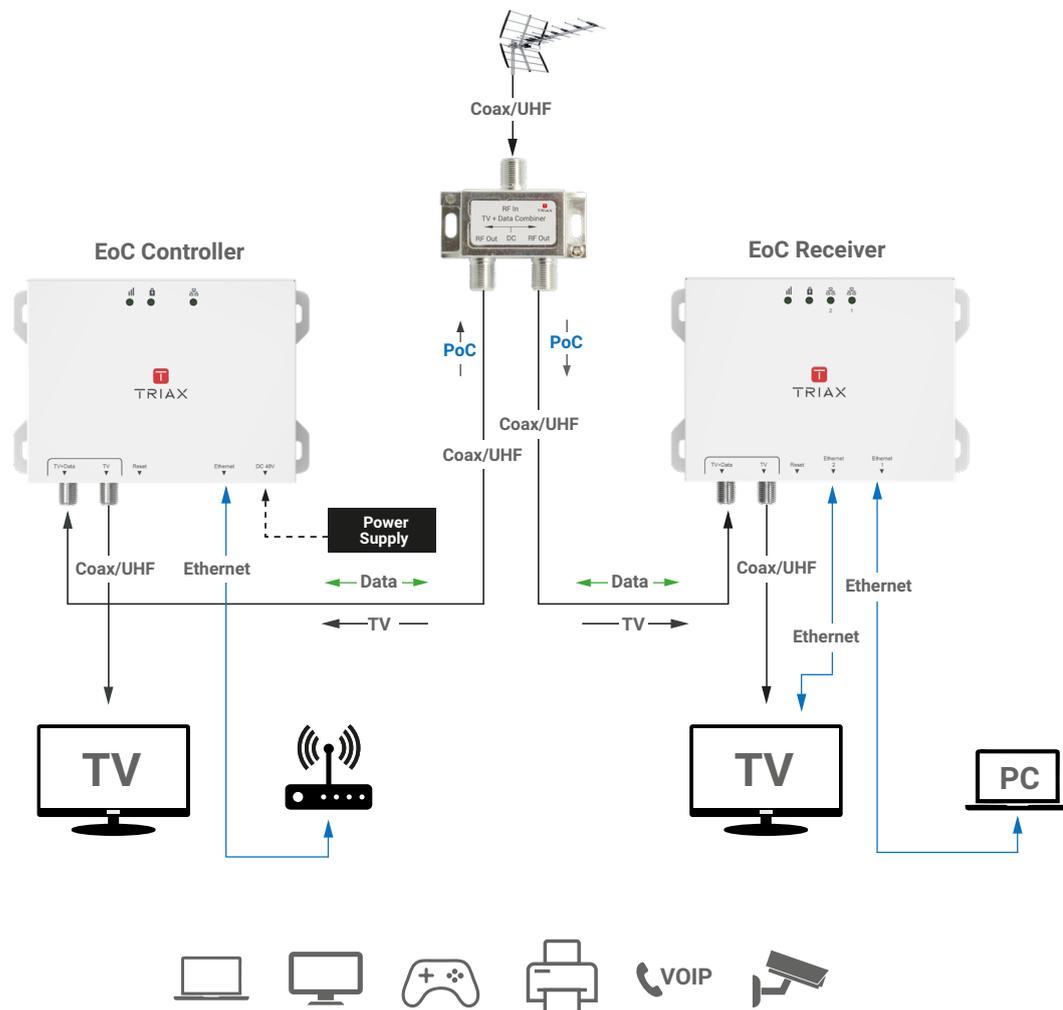
## A. Contents:

This document outlines the basic functionality of the Point to Point TEoC GigaKit.

- Connections
- Front and Rear panel configuration
- How to Pair and Unpair
- How to Reset the Controller and Receiver
- Web GUI access

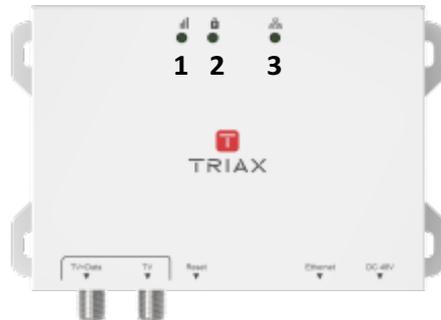
## B. Connection Diagram:

Connect the TEoC GigaKit as shown in the diagram below and follow 'Section E' to pair the devices:



## C. Front Panel LEDs:

### TEoC Controller



### TEoC Receiver



#### 1. Link Quality:

- a. Off: No TEOC link
- b. Flashing: Indicates TEOC Tx and Rx activity
- c. Flashing Green: The TEOC link is connected and the estimated speed >40Mbps
- d. Flashing Amber: The TEOC link is connected and the estimated speed is between 20Mbps and 40Mbps
- e. Flashing Red: The TEOC link is connected and the estimated speed <20Mbps. It also shows as red when system is booting

#### 2. Pairing:

- a. Off: The device is not paired
- b. Slow Flashing: The TEOC is pairing (Pairing may take a few minutes)
- c. Fast Flashing: The TEOC is unpaired / Returned to factory default settings
- d. On: The device is paired

#### 3 & 4. Ethernet:

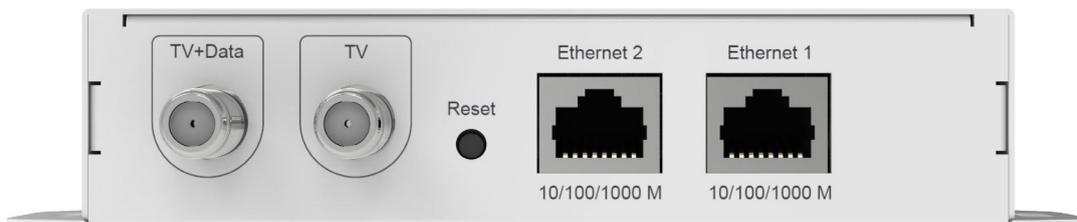
- a. Off: The Network port is not connected
- b. Flashing: The Network port is connected and is active

## D. Rear Panels:

### Controller



### Receiver



1. DC Jack: Connects to the power supply
2. Ethernet Port: Connects to the router or other network device (PC, Laptop, etc) to access the Internet. It also provides access to the TEOC GigaKit device Web GUI
3. RESET button:
  - a. Press the RESET button for 2 to 4 seconds and release:  
This starts the TEOC pairing procedure (the pairing LED starts flashing slowly)
  - b. Press the RESET button for 5 to 9 seconds and release:  
The TEOC is unpaired (the pairing LED starts flashing quickly)
  - c. Press the RESET button for 10 seconds or more: The TEOC units are reset to factory default (the Link Quality LED shows RED when the system is rebooting)
4. TV Port: Connects to TV or STB
5. TV + Data Port: Connects to other TEOC devices via the TV + Data Combiner (see notes)

#### Notes:

- a. Using PoC (Power over Coax)
- b. Maximum of 2 x TEOC Receivers powered via PoC from 1 x Controller

## E. Pairing the TEOC Devices:

When in the factory default state, the TEOC Controller and Receiver are not paired and can automatically connect to all TEOC devices that are also in the factory default state. To use the TEOC device securely, the pairing procedure must be carried out. During the pairing procedure the TEOC device generates a random domain name and encryption key. Only TEOC devices with the same domain name and encryption key can communicate with each other. The pairing of the TEOC Controller and Receiver is carried out as follows:

1. Connect the TEoC Controller and Receiver to the RF Outputs of the TV + Data Combiner via coax cables
2. Press the RESET button on the two TEoC devices for 2 to 4 seconds and release to start pairing. The pairing LEDs on the front panels start to flash slowly  
**Note:** At initial installation, it is recommended the devices are positioned local to each other during the pairing procedure
3. When the pairing procedure is complete, the pairing LEDs will stop flashing. The Link Quality LED will also turn on if the pairing is successful  
**Note:** The pairing process may take a few minutes. The TEoC Controller and Receiver will need to be re-paired after a factory reset

## **F. Unpairing G.hn Devices:**

To unpair the TEoC Controller and Receiver, press the RESET button for 5 to 9 Seconds and release. The pairing LEDs start to flash quickly. When the pairing LEDs turn off, the TEoC Controller and Receiver are unpaired

## **G. Restoring Factory Default Settings:**

To restore factory default settings, press the RESET button on both the TEoC Controller and Receiver for more than 10 seconds and release  
(The Link Quality LED turns RED when the TEoC Controller and Receiver reboots)

## **H. Access Web GUI:**

By connecting a PC or Laptop to the TEoC's Ethernet port, and setting the computers IP address to 10.10.1.XXX, you can access the TEoC's Web GUI. 'XXX' can be a number between 2 > 254 with the exception of 69. The default IP Address and Password of the TEoC are listed below:

- Default IP: 10.10.1.69
- Web GUI password: paterna
- Reset to factory default password: betera

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