





Quick Installation Guide  

**TPA-311**  
1.01

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## Package Contents

- TPA-311
- Multi-Language Quick Installation Guide
- Power Adapter (7.5V, 1A)
- Cat.5 Ethernet Cable (1.5 m/4.92 ft.)

## System Requirements

- Ethernet enabled device (e.g. PC, router)
- Existing RG-59/U Coaxial cabling

## 2. Hardware Installation

1. Connect an Ethernet cable from **Ethernet1** or **Ethernet2** on the TPA-311 to the Ethernet port on your PC or Ethernet-enabled device.

2. Connect a coaxial cable from the HPNA port on the TPA-311 to the F-type connector on the wall.

3. Connect a coaxial cable from the HPNA port on the TPA-311 to the F-type connector on your TV set.

4. Connect the **AC Power Adapter** to the TPA-311 and then to a power outlet.

5. Verify that **PWR**, **LAN1** or **LAN2** and **HPNA** LEDs are lit.



ENGLISH

ESPAÑOL

PORTUGUÊS

### Your Installation is complete

For detailed information regarding the **TPA-311** configuration and advanced settings, please refer to the Troubleshooting section or TRENDnet's website at <http://www.trendnet.com>.

### Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: [www.trendnet.com/register](http://www.trendnet.com/register)

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## Technical Specifications

<b>Standards</b>	<ul style="list-style-type: none"><li>• HomePNA 3.1 over Coaxial Cable</li><li>• IEEE 802.3, IEEE 802.3u</li><li>• ITU-T G.9954</li></ul>
<b>Interface</b>	<ul style="list-style-type: none"><li>• HomePNA Coax: F-Type Female Coax</li><li>• TV Coax: F-Type Female Coax Connector</li><li>• 2 x 10/100Mbps Auto-MDIX Ports</li></ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"><li>• Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)</li><li>• HPNA: Up to 256Mbps (PHY Rate), Up to 144Mbps (Throughput)</li></ul>
<b>Flash Memory</b>	1024Kb
<b>Max Attenuator</b>	60db@64Mbps
<b>Point to Multipoint</b>	<ul style="list-style-type: none"><li>• 10 clients per band (CG3210 Environment)</li><li>• 8 clients per band (Mix: CG3210, CG3110, CG3010)</li></ul>
<b>Quality of Service</b>	802.1p Priority Queue, TOS, Tag-based VLAN Pass through QoS, Guaranteed QoS on HomePNA 3.1 parameterized QoS
<b>Diagnostic LEDs</b>	<ul style="list-style-type: none"><li>• PWR: Lights green when adapter is receiving power</li><li>• LAN1/LAN2: Lights green when the Ethernet port is connected successfully. Blinks green when data is being transmitted or received.</li><li>• HPNA: Lights green when the HPNA port is connected successfully. Blinks green when data is being transmitted or received.</li></ul>
<b>Distances</b>	<ul style="list-style-type: none"><li>• HPNA: 1600 meters</li><li>• Ethernet: 100 meters</li></ul>
<b>Power Adapter</b>	Output : 7.5V DC, 1A
<b>Power Consumption</b>	4.5W(max)
<b>Dimensions</b>	118.47 x 82.13 x 30 mm (4.664 x 3.233 x 1.18 in)
<b>Weight</b>	0.14kg (5 oz.)
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operating: 0° ~ 40° C (32° ~ 104° F)</li><li>• Storage: -10° ~ 65° C (14° ~ 149° F)</li></ul>
<b>Humidity</b>	10% ~ 95%, non-condensing
<b>Certifications</b>	CE, FCC

**After connecting the TPA-311 to a power outlet, the PWR LED does not turn on.**

1. Check the connection of the external power adapter to the TPA-311 and the power outlet.
2. Check that the power outlet is receiving power.

**The PWR LED is on, but the LAN LED does not turn on. What should I do?**

1. Make sure the Ethernet cable is firmly connect on both the TPA-311 and the opposing connection.
2. Try another Ethernet cable.
3. The maximum distance for Ethernet is 100 meters (333 feet). Do not use an Ethernet cable longer than 100 meters.

**The PWR LED is on, but the HPNA LED does not turn on. What should I do?**

1. Make sure the Coaxial cable is firmly connected on both the TPA-311 and the F-connector.
2. Second, the maximum distance is 1600 meters (5,249 feet). Do not use a Coaxial cable longer than 1600 meters.

If you still encounter problems or have any questions regarding the **TPA-311**, please contact TRENDnet's Technical Support Department.

## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

### TPA-311 - 2 Year Limited Warranty

#### **AC/DC Power Adapter, Cooling Fan and Power Supply carry a 1 year limited warranty**

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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## Certifications

This equipment has been tested and found to comply with FCC and CE 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.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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