



# Tenda BN073-A090009E PON Optical Network Terminal User Manual

[Home](#) » [Tenda](#) » Tenda BN073-A090009E PON Optical Network Terminal User Manual 

## Contents

- [1 User ManualTenda BN073-A090009E PON Optical Network Terminal](#)
- [2 Specifications](#)
- [3 Safety Precautions](#)
- [4 Get support and services](#)
- [5 FCC Statement](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)

# *Tenda*

User ManualTenda BN073-A090009E PON Optical Network Terminal



Please read this manual before you start with the quick setup upon the first use. You can see the product name and model on the product label.


For product or function details and more information such as the description of symbols displayed on relevant materials, please go to [www.tendacn.com](http://www.tendacn.com) or scan the Product Documents QR code in this user manual to download the user guide.

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## Specifications

### HG3

- Adapter Model: BN073-A09009E/BN073-A09009B
- Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
- Input: 100-240V AC, 50/60Hz 0.4A
- Output: 9.0V DC, 1A
-  : DC Voltage

### HG6/HG7/HG7C

- Adapter Model: BN073-A12012E/BN073-A12012B
- Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
- Input: 100-240V AC, 50/60Hz 0.4A

- Output: 12V DC, 1A
-  : DC Voltage

## HG9/HG15

- **Adapter Model:** BN074-A18012E/BN074-A18012B
- **Manufacturer:** SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
- **Input:** 100-240V AC, 50/60Hz 0.6A
- **Output:** 12V DC, 1.5
-  : DC Voltage

## Safety Precautions

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- Do not use the device in a place where wireless devices are not allowed.
- Please use the included power adapter.
- Mains plug is used as the disconnect device, and shall remain readily operable. (HG3/HG7/HG7C/HG15)
- The power socket shall be installed near the device and easily accessible.
- Operating environment: Temperature: 0°C to 45°C; Humidity: (10% -90%) RH, non-condensing; Storage environment: Temperature: -40°C to +70°C;
- **Humidity:** (5% – 90%) RH, non-condensing.
- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
- Unplug this device and disconnect all cables during lightning storms or when the device is unused for long periods.
- Do not use the power adapter if its plug or cord is damaged.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty and might cause safety hazards.

## Get support and services

Scan the Product Documents QR code to get related documents for quick installation.



\* Specific product models can be found on the label of the device.

**(HG7/HG7C/HG9/HG15)**

For EU/EFTA, this product can be used in the following countries:

	AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES
	FI	FR	HR	HU	IE	IT	LT	LU	LV	MT
	NL	PL	PT	RO	SE	SI	SK	UK(NI)		

**CE Mark Warning**

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

The mains plug is used as a disconnect device, the disconnect device shall remain readily operable.

(HG3/HG7/HG7C/HG15) Operations in the 5.15-5.25GHz band are restricted to indoor use only.

(HG7/HG7C/HG9/HG15)

This equipment should be installed and operated with a minimum distance of 20cm between the device and your body.

**NOTE:**

1. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.
2. To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

**Declaration of Conformity**

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the device is in compliance with Directive 2014/53/EU.

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

<https://www.tendacn.com/download/list-9.html>

**Operating Frequency:**

- 2.4 GHz: 2.412-2.472 GHz (CH1-CH13)
- 5 GHz (HG7/HG7C/HG9/HG15):
- 5.170-5.250 GHz (CH36-CH48)

- 5.735-5.815 GHz (CH149-CH161)
- 5.815-5.835 GHz (CH165)

#### **EIRP Power (Max.):**

- 2.4 GHz  $\leq$  25.5 dBm
- 5 GHz (HG7/HG7C/HG9/HG15)  $\leq$  24 dBm

**Software Version:** V1.X.X

#### **FCC Statement**

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 the 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.

#### **The device is for indoor use only.**

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.

#### **Radiation Exposure Statement**

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

This equipment should be installed and operated with minimum distance 20cm between the device and your body.

#### **Caution:**

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

#### **Operating frequency:**

- 2412-2462 MHz, 5150-5250 MHz,
- 5725-5850 MHz (HG7/HG7C/HG9/HG15)
- 2412-2462 MHz (HG3/HG6)

#### **NOTE:**

1. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to

this equipment.


2. To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

## RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to the retailer when he buys new electrical or electronic equipment.

## Documents / Resources

	<p><a href="#">Tenda BN073-A090009E PON Optical Network Terminal</a> [pdf] User Manual V7THG15, HG15, V7THG15, BN073-A090009E PON Optical Network Terminal, BN073-A090009E, PON Optical Network Terminal, Optical Network Terminal, Network Terminal, Terminal</p>
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