User Manual

TV Antenna
DX-OAU30TU

DEXP

Dear Customer,

Thank you for choosing our products.
We are pleased to offer you products and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the product, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

Intended Use

The TV antenna is a device designed to receive analog and digital TV signals.

Safety Precautions

- Use the device only for its intended purpose.
- Before connecting the antenna to a TV or another device, make sure all devices are turned off. The antenna is powered via the TV's USB port.
- Before turning on the device, make sure it is securely connected to the power supply.
- Do not place any objects on the device.
- Install the device in a dry, well-ventilated location.
- Keep the device away from open flames, such as lit candles.
- If the device has been exposed to low temperatures for an extended period, leave it at room temperature for at least 1 hour before turning it on.
- Disconnect the antenna from all connected devices and the power supply if it will not be used for an extended period or before a thunderstorm. Do not touch the device or power cord during a thunderstorm.
- Do not use abrasive materials or harsh cleaning agents, such as alcohol or gasoline, to clean the device. A small amount of mild detergent may be used. Always disconnect the antenna from the power supply and other devices before cleaning.
- Do not use the device if there is visible damage to the device, cable, or power adapter. If any damage is found, contact an authorized service center.
- To prevent electric shock, do not disassemble the device yourself. The device contains no user-serviceable parts. Maintenance and repairs must only be performed by qualified personnel at an authorized service center.
- Protect the device from impacts, falls, vibrations, and other mechanical damage.
- To prevent short circuits or electric shock, keep the device away from liquids and do not place open containers filled with liquids near it.
- The device is not intended for use by children or persons with reduced physical, sensory, or mental capabilities unless they are supervised by a person responsible for their safety. Do not allow children to play with the device.
- This device is not intended for commercial use.

Specifications

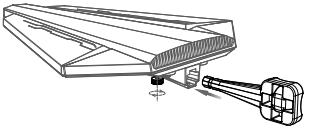
- Model: DX-OAU30TU.
- Trademark: DEXP.
- Frequency range: 470–700 MHz (UHF).
- Maximum gain: 48 dBi.
- Power adapter specifications:
  - Input: 100–240 V ~ 50–60 Hz.
  - Output: 12 V ⎓ 500 mA.
- Device power specifications: 12 V ⎓ 1 A.
- Impedance: 75 Ω.
- Installation location: Outdoor.
- Scope of application: Domestic.

Package Contents

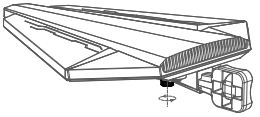
- Antenna.
- Power cable.
- Power adapter.
- Mounting hardware.
- User manual.

Installation

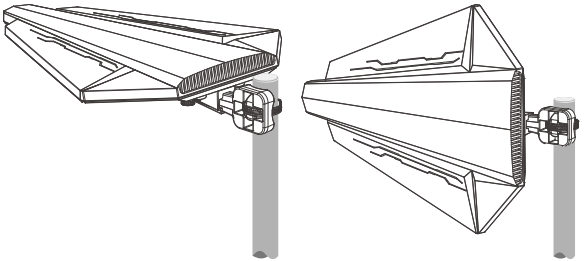
1. Loosen the locking fastener located underneath the antenna.



2. Insert the mounting bracket into the antenna as far as it will go.



3. Tighten the locking fastener.
4. Thread the metal mounting hardware through the bracket to attach the antenna to a vertical support.

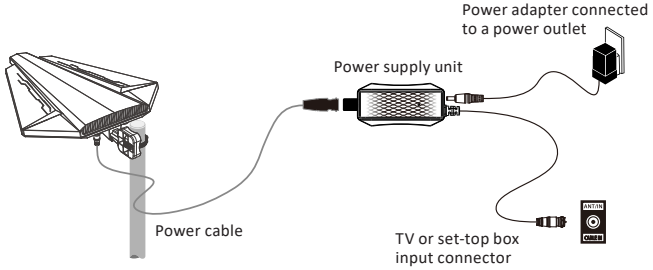


Note: The antenna can be installed in two positions: vertically or horizontally.

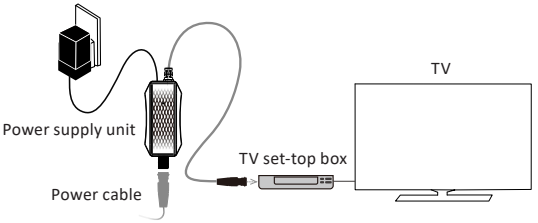
Connection

1. Connect one end of the power cable to the antenna and the other end to the power supply unit.
2. Connect the TV or TV set-top box to the other end of the power supply unit.
3. Plug the power adapter into a power outlet and connect its DC plug to the DC input on the power supply unit.

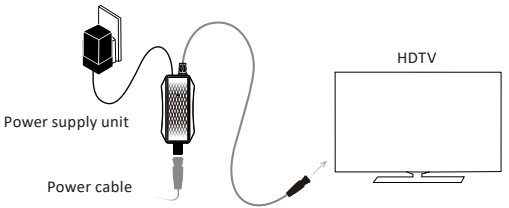
Connection to a two-way splitter



Connection to a TV set-top box



Direct connection to a TV with a built-in tuner



Operating Instructions

Channel Setup

1. Open the TV settings menu and select the appropriate antenna settings as described in the TV's user manual.
2. Select the channel search option in the TV settings menu. For detailed instructions, refer to your TV's user manual.
3. Start the channel scan. All available channels will be added automatically.

Note: If some of the desired channels are not found during the scan, move the antenna to another location or point it in a different direction, then scan for channels again.

Troubleshooting Guide

Issue	Possible Solution
The antenna does not work	Make sure the antenna is properly connected to the TV or third-party receiver
Poor signal quality	Move the antenna to another location. Signal reception may be affected by towers, hills, buildings, and tall trees obstructing the signal path. Try installing the antenna as high as possible to improve reception. Always scan for channels again after moving the antenna
No channels found	Rotate the antenna 10–20° in either direction or move it to another location, then scan for channels again
Low picture resolution	Make sure you are using a high-definition television (HDTV) with a built-in ATSC tuner. If the antenna is connected to a third-party receiver, make sure the receiver supports high-definition signals. Otherwise, HD channels will not be available

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- The installation and mounting conditions for the device are described in the «Installation» section of this user manual.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported under dry conditions.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months
Service Life: 24 months

For the up-to-date list of authorized service centers, please visit:
https://www.dns-shop.ru/service-center/

Additional Information

Manufacturer: Shenzhen Tuko Technology Co., Ltd
2 floor, Plant 2, YouCheng industrial area, Anlan Avenue No. 9-201, Zhangkengjing Community, Guanhu Street, Longhua District, Shenzhen, Guangdong, China.

Made in China.

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.



Production date (mm.yyyy): _____ v.1

