

The logo for kubu, featuring the word "kubu" in a bold, lowercase, sans-serif font. The text is white and is set against a solid gray rectangular background.

kubu, inc.

WTX-10 Wireless Audio Transmitter

User Manual

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WTX-10 User Manual

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Introduction

The Kubu WTX-10 Wireless Audio Transmitter transports an externally provided audio signal over an 802.11n wireless network for eventual reception and playback by 802.11n devices equipped with the capability to do so. The Kubu WTX-10 operates as an 802.11n dedicated access point which these devices can connect to. The operation of these receiving devices and/or software is outside the scope of this manual. This manual only covers the installation and operation of the WTX-10 device.

Package Contents

The Kubu WTX-10 package contains the following items.

- Kubu WTX-10 Wireless Transmitter (1)
- A/C Power Adapter (1)
- Antenna (1)
- Audio cable (1)
- User Manual (1)

Installation

Follow the steps below to install the Kubu WTX-10.

- Connect the antenna included with the WTX-10 to the antenna connector on the back panel. The antenna screws into the connector.
- Place the WTX-10 near the audio source you intend to use.
- Connect the output of the audio source to the audio input on the back panel of the WTX-10 using the included audio cable.
- Plug the included A/C power adapter into a standard 110v A/C power outlet and connect it to the power input jack on the back panel of the WTX-10.

Operation

The Kubu WTX-10 automatically comes up and begins operating once power is applied to it. No user configuration is required.

As soon as power is applied the WTX-10 it will initialize and begin operating as an 802.11n access point with a unique factory configured SSID. The SSID will be in the form “kubu_XXXXX” where XXXXX is a unique identifier made up of a combination of numbers and letters (e.g kubu_abc17).

The Kubu WTX-10 will digitize the audio signal input to it via the cable plugged into the audio jack and it will transmit that digitized audio stream over the Wifi network using the unique factory SSID.

Devices capable of receiving/playing the audio transmitted by the WTX-10 can then be connected to the Wifi network that has unique SSID for the Kubu WTX-10 device.

Any device capable of displaying available wifi networks can be used to verify that the WTX-10 has come up and established the wifi network since the SSID should be visible when looking for wifi networks to connect to from a wifi enabled device such as a laptop.

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 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.

Operation with non-approved equipment is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.