

The WTX1016 Wireless USB dongle transmitter is the ideal solution for customers ready to make their audio products wireless. It can be plugged into the USB sockets on a laptop computer or a desktop computer. Whether you're in the development stage or ready to mass manufacture, the WTX1016 will provide the reliable, standards-compliant, guaranteed performance you need.

This document is designed to provide general information for use of the Wireless audio USB dongle transmitter WTX1016.

EMI/EMC Compliance Guidelines

FCC Compliance

This device complies with Part 15 of the FCC Rules. 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

IC Compliance

This Class B digital apparatus complies with Canadian RSS-210.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is Subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

When using the WTX1016 USB dongle, you must:

1. Use only the provided chip antenna.
2. Operate WTX1016 according to the specifications listed in this user's manual.
3. Include a label clearly visible on the exterior of the product which states: "Contains FCC ID: WUO-WTX1016/ IC: 7985A-WTX1016".

Specifications

WTX1016 functional block diagrams

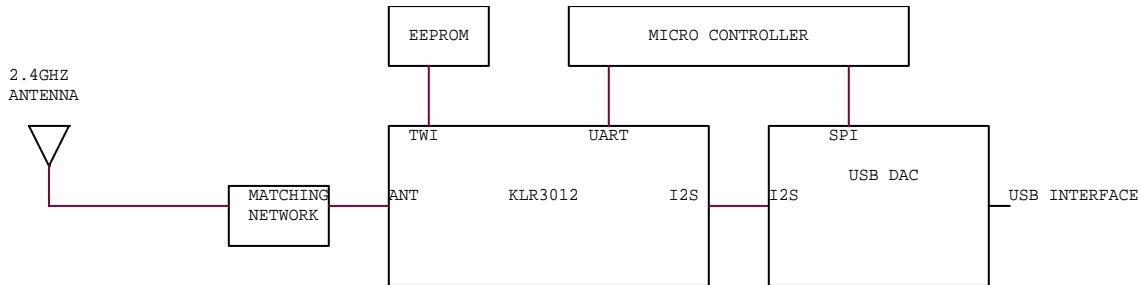


Figure 1

RF Performance:

Outdoor range (LOS) 15m.

Maximum Transmitting RF Power - 0 dBm.

Frequency ISM 2.400 - 2.480 GHz.

Electrical Parameters

Supply Voltage: 5 VDC

Current Requirements – 10-15mA

Operating Temperature Range - 0 to 70 °C / 32 to 158 °F

Other features

WTX1016 is RoHS compliant.

WTX1016 is FCC approved (documentation available on request).

WTX1016 is IC approved (documentation available on request).