



# Microtune, Inc. "CableFree USB" Kit User Manual

# DRAFT

MT0760-CF30 · MT0760-CF100  
*Patent Pending*



## Host Requirements

Wireless USB connectivity can be achieved between Windows-based hosts and common peripheral devices.

## Package Contents

The Microtune MT0760-CF30 USB "CableFree USB" Kit should contain the following items:

- MT0760-UD2P USB Slave Dongle with "A" type connector
- MT0760-UM2P USB Master Dongle with "B" type connector and 5V power jack
- PS5-USB-NA 5V Regulated Wall Adapter North American Power Supply
- C-USB-A/B Receptacle Adapter

The Microtune MT0760-CF100 USB "CableFree USB" Kit should contain the following items:

- MT0760-UD1P USB Slave Dongle with "A" type connector
- MT0760-UM1P USB Master Dongle with "B" type connector and 5V power jack
- PS5-USB-NA 5V Regulated Wall Adapter North American Power Supply
- C-USB-A/B Receptacle Adapter

## USB Dongle Specifications

Bluetooth Wireless Connection Specification	
Standard	Bluetooth version 1.1
Frequency Range	2.400 to 2.4835 GHz
Radio Type	Class 2 (MT0760-CF30) Class 1 (MT0760-CF100)
Range	30 ft (MT0760-CF30) 100 ft (MT0760-CF100)
Data Throughput	100 Kbps
USB Connection Specifications	
USB Standard	USB version 1.1
USB Connector Type	USB Male Type "A" (Slave) USB Male Type "B" (Master)
USB Power Input Requirement	5V (From Host or PS)
USB Master Power Output	5V (to Peripheral with use of PS)
Dongle General Specifications	
Master Power Connector	1.3mm Jack Connector (5V +/-5% External Supply Required)
Dongle Operation Indication	Green LED
Dongle Temperature Range	-20 to +50C
Certification & Regulatory	USB1.1, BT1.1, FCC, CE
Interoperability & USB Device Conformance	Printers – Most HP, Cannon Scanners – Most HP, Cannon Cameras – PTP Conformance

## Instructions

### Installation

- Connect the MT0760-UD1P/MT0760-UD2P slave dongle to the PC at an available USB port
- Connect the MT0760-UM1P/MT0760-UM2P master dongle to the peripheral's USB port
- Attach power supply to port on MT0760-UM1P/MT0760-UM2P master dongle and plug into wall socket

### Usage

- Use peripheral in accordance with usage of a standard USB cable.
- The MT0760-CF30 will allow wireless connectivity up to a range of 30 feet, the MT0760-CF100 will extend to 100 feet.





## **Technical Support**

If you experience problems, please contact:

Microtune, Inc.  
Wireless Connectivity Business Unit  
6440 Lusk Blvd. Suite D-205  
San Diego, CA 92121 USA  
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## **Regulatory Information**

This product complies with the regulations of the following organizations:

- FCC
- European Union (EU) and EFTA
- Bluetooth SIG

This equipment is Bluetooth 1.1 qualified according to specification.

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.

Statement according FCC part 15.21

Modifications not expressly approved by Microtune, Inc. could void the user's authority to operate the equipment.

Statement according FCC part 15.105

NOTE: 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.

Exposure to Radio Frequency Radiation

The radiated output power of this internal wireless radio is far below the FCC radio frequency exposure limits. Nevertheless, the wireless radio shall be used in such a manner that the radio is 20 cm or further from the human body.

The internal wireless radio operates within guidelines found in radio frequency safety standards and recommendations, which reflect the consensus of the scientific community. Microtune, Inc. therefore believes the internal wireless radio is safe for use by consumers. The level of energy emitted is far less than the electromagnetic energy emitted by wireless devices such as mobile phones. However, the use of wireless radios may be restricted in some situations or environments, such as aboard airplanes. If you are unsure of restrictions, you are encouraged to ask for authorization before turning on the wireless radio.

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