

## Inclusions

- 1 UHF microphone (*UHFUSB1A model*)
- 2 UHF microphones (*UHFUSB2A model*)
- 1 USB powered receiver
- 2 x AA batteries for each microphone

## Technical Assistance

If you need assistance setting up or using your Stadium product now or in the future, call Stadium support Australia  
TEL: 03 - 8587 8898  
FAX: 03 - 8587 8866  
Mon-Fri 9am - 5pm AES  
Please retain this user guide for future reference

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stadium

# USB Wireless Microphone

## User Manual



UHFUSB1A  
UHFUSB2A



## Introduction

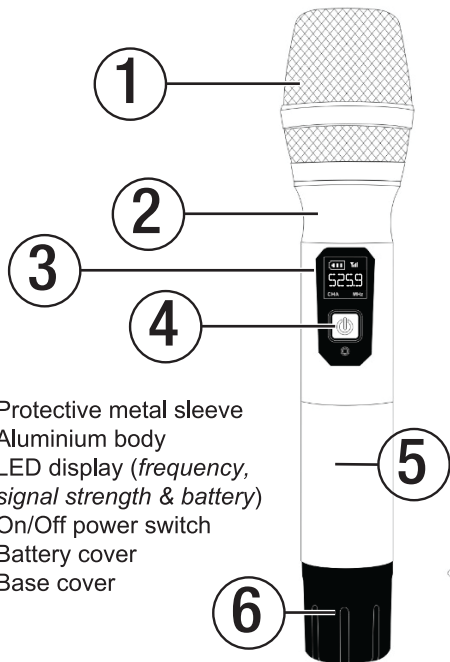
The UHFUSB1A & UHFUSB2A is a dual mode analogue/digital UHF Wireless Microphone System. The system is designed for both professional and consumer applications, with a long working range and excellent sound reproduction. This system can be used with both digital and analogue devices and auto detects what kind of device the receiver is plugged into. It also has a 3.5mm aux output for non compatible devices so that the applications are almost unlimited. Voices are reproduced faithfully whilst allowing freedom of movement to a distance of up to 40M. If the receiver has clear line of sight to the microphone and the microphone battery's are fully charged the system can even work out to as much as 50M. The shorter the distance the stronger the signal and the less likely the signal will be subject to interference. The UHFUSB1A (Single Mic Kit) & UHFUSB2A (Dual Mic Kit) comes with 8 different frequencies per microphone to avoid

interference between each microphone and other sources of local interference. The USB receiver automatically pairs with the wireless microphones frequency.

## Features

- Wireless UHF frequency microphone
- High quality aluminium body
- Auto sensing connection
- 8 selectable frequencies available by easily pressing one key on the microphone
- Wireless range up to 40 Metres
- Digital/Analogue audio interface
- 3.5mm audio output on USB receiver
- Connects directly to any PC or USB3 Wireless ready active devices
- Compatible with Windows, Mac or Android systems
- Compatible with PS3, PS4 and Wii
- Compatible with Stadium ST15W PA Speaker
- Can be used with Ultralink devices
- Works with any device that has a USB charging port/ auxiliary input (*May require additional cable*)

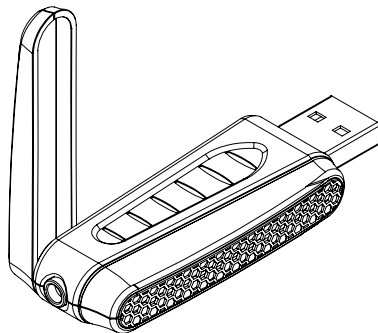
## Microphone



1. Protective metal sleeve
2. Aluminium body
3. LED display (*frequency, signal strength & battery*)
4. On/Off power switch
5. Battery cover
6. Base cover

## Receiver

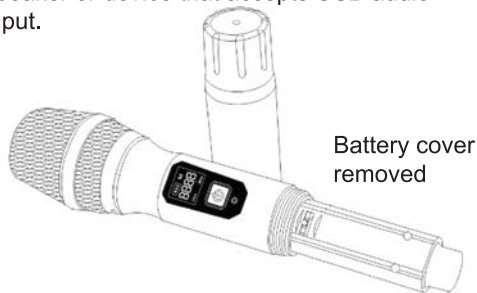
1. The receiver simply plugs into a USB port.
2. Once powered one blue LED lights up and 4 green LED's flash for 1 second.
3. When the mic(s) are turned on, the receiver will automatically pair to the microphone(s).
4. Green LED lights turn on once successful pairing has occurred. For UHFUSB2A 2 green lights per mic. For UHFUSB1A all 4 light up.



5. For improved signal strength adjust the antenna to the up position
6. 3.5mm audio output connection

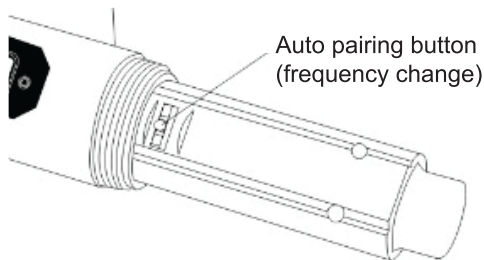
## Operating instructions

1. Remove battery cover of the microphone by twisting, and insert 2x 1.5V AA batteries into the microphone. Pay attention to polarity as indicated inside casing. Place battery cover back onto microphone and twist till secure.
2. Press the power button on the microphone to turn on You will see the frequency on the display, the battery power indicator and UHF signal strength indicator.
3. After 20 seconds the display will turn off
4. Press the power button on the microphone again to turn off.
5. Place the USB receiver into the amplifier, speaker or device that accepts USB audio input.



## Pairing & Frequencies

1. In order to avoid interference from other wireless devices, the microphone is designed with 8 selectable frequencies. When the microphone is powered on, just press the “One key auto pairing button” to change the frequency. The receiver will pair with the microphones frequency automatically.
  2. When the receiver light is green it has been successfully paired with the microphone.
  3. There is a battery indicator on the microphone, please change the battery when it is low for maximum performance.
- NOTE: When not using or storing for a long time, remove batteries from the microphones.*



## Frequencies

Selectable frequencies are as below:

### UHFUSB1A

523.40, 524.50, 525.90, 562.00, 563.10,  
564.30, 565.40, 566.50

### UHFUSB2B

Mic 1

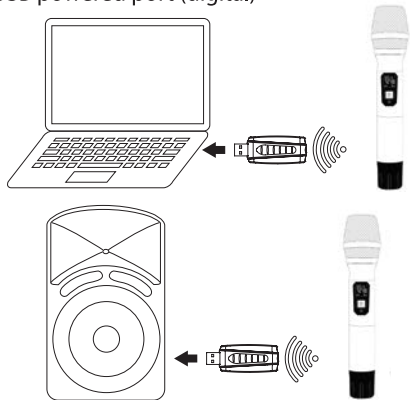
523.40, 524.50, 525.90, 562.00, 563.10,  
5564.30, 565.40, 566.50

Mic 2

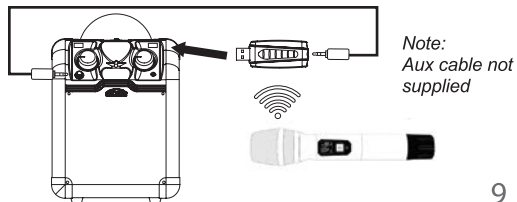
603.10, 604.10, 605.00, 606.00, 606.90,  
607.90, 608.80, 609.80

## Configurations

USB powered port (digital)

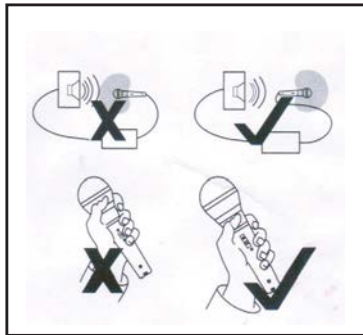


USB charge only port, 3.5mm audio output (analogue)



## Handling precautions

1. Do not store the microphone in a place with high temperature or humidity.
2. The microphone is very sensitive. Do not drop or apply any shock to it.
3. If the microphone head gets too close to the speaker, a screeching sound may occur. To prevent this, first decrease the volume and do not place or point the microphone directly at the speaker. Keep a suitable distance to alleviate screeching.



## Specifications

### Microphone:

Frequency range.....	UHF 523.40 - 609.80MHz
Preset Frequencies.....	8 (Auto Pairing)
Frequency response.....	75Hz-18kHz $\pm$ 3dB
Sensitivity..	-69dB $\pm$ 3dB (0dB=1mV/Pa at 1KHz)
Max. Deviation range.....	$\pm$ 50 kHz
THD.....	<1.0%
S/N Ratio.....	>85dB
Impedance.....	600 Ohms $\pm$ 30 %
Working Range.....	<50M
Battery type.....	(1.5V AA x2)
Continuous Working Time.....	Up to 8 hours
Dimensions.....	250 x 55mm
Weight.....	350g

### Receiver:

Channels.....	2x8 Channels
Audio Interface.....	USB3.0/ 3.5mm Aux
Power Supply.....	USB ( 5V 180mA)
Dimensions.....	73 x 30 x 12 mm