

EMIX[®] **AWM-SERIES** AFFORMIX WIRELESS MICROPHONE SYSTEM



Key Features

- ▶ **UHF technology** for superior signal stability and interference resistance
- ▶ **30 selectable channels** to avoid RF conflicts
- ▶ **Plug-and-play dongle receiver** for easy setup and ultimate portability
- ▶ **Handheld or Bodypack wireless microphone** with reliable audio capture
- ▶ **Compact design** ideal for classrooms, meetings, weddings, and portable PA use

The **EMIX AWM-Series** is a UHF-based single or dual channel wireless microphone system featuring a handheld or bodypack transmitter and a compact USB-style dongle receiver. Built for reliable cordless performance, this system offers up to 30 selectable channels, making it ideal for navigating congested RF environments with minimal interference. Thanks to its compact receiver size, the AWM-Series eliminates the need for bulky 1U rack-mounted receivers, making it perfect for space-limited setups. Whether you're hosting a wedding, running a classroom, leading a meeting, or organizing a small-scale event, this system delivers clear, stable audio every time.



AWM-091H

UHF-based single channel wireless microphone system featuring a 1 Unit handheld transmitter and a compact USB-style dongle receiver.

AWM-091B

UHF-based single channel wireless microphone system featuring a 1 Unit headset, bodypack transmitter and a compact USB-style dongle receiver.



AWM-092H

UHF-based dual channel wireless microphone system featuring a 2 handheld transmitter and a compact USB-style dongle receiver.

AWM-092B

UHF-based dual channel wireless microphone system featuring a 2 Unit headset, bodypack transmitter and a compact USB-style dongle receiver.



SPECIFICATIONS

Model	AWM-091H/AWM-091B	AWM-092H/AWM-092B
Receiving Channel	Single channel	Two channels
Receiving Mode	Non Diversity	Non Diversity. RF Combiner for each channel
Frequency Stability	±0.003%	±0.003%
Carrier Frequency Range	570 MHz – 587.4 MHz	550 MHz – 567.4 MHz for CH A 570 MHz – 587.4 MHz for CH B
Total Frequency Channel	30CH	30CH*2
Sensitivity	>105 dB	>105 dB
Bandwidth	18 MHz	38 MHz
Max. Deviation Range	±48KHz	±48KHz
S/N	>103db(1KHz@A)	>103db(1KHz@A)
T.H.D	<0.4 @ 1 kHz	<0.4 @ 1 kHz
Frequency Response	45 Hz ~ 18 kHz ±3dB	45 Hz ~ 18 kHz ±3dB
Transmitter Transmission Strength	30 mW for handheld & bodypack	30 mW for handheld & bodypack
Spurious Emission	>55dBc	>55dBc
Operating Distance	30 meters in line of sight & low RF noise environment	30 meters in line of sight & low RF noise environment
Audio Interface	6.3mm unbalanced audio output	6.3mm unbalanced audio output
Power Supply	3.7V lithium-ion battery	3.7V lithium-ion battery
Battery	3.7V 18650 for handheld, AA 1.5V for bodypack	3.7V 18650 for handheld, AA 1.5V for bodypack
Battery Life	~ 6 hours for handheld & bodypack	~ 6 hours for handheld & bodypack
Power Consumption	120 mA for handheld & bodypack	120 mA for handheld & bodypack
LCD Display	Power, RF, MUTE for Receiver Frequency, CH, Battery for Handheld & Bodypack	Power, RF, MUTE for Receiver Frequency, CH, Battery for Handheld & Bodypack
Dimensions (WxDxH)		
Weight	0.35KGS	0.55KGS
Packaging Dimensions (WxDxH)	305*191*65MM	305*191*65MM
Packaging Weight	0.20KGS	0.25KGS