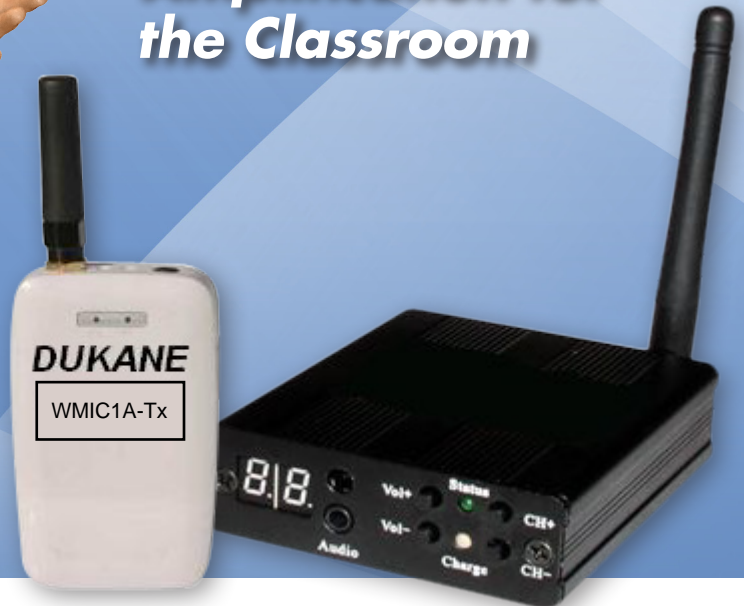


Dukane iHear Wireless Mic

Affordable RF Voice Amplification for the Classroom



System Includes:

- Headset Mic
- Clip-on Mic
- Transmitter
- Receiver
- Lanyard
- Charging Adapter

Provides the instructor with added voice power so teachers can be heard by all. Improves retention and learning in the classroom.

Features

- Lightweight transmitter on lanyard with volume adjust
- Range of 75 feet without being blocked using RF at 2.4GHz
- Can easily select any of 120 separate channels
- Comes with 3 mics, a headset, a insert, and a lapel mic
- Uses a rechargeable Li battery for 8 plus hours of operation
- Output from receiver can be connected to any projector with speakers or audio amp



NEW
Insert mic
plugs into mini
Transmitter

DUKANE CORP

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Specifications

The system consists of a small light weight lanyard held transmitter with an attachable mic that sends the voice signal via a digital encoded bit stream at high speed to a receiver. The receiver converts the digital bits stream back to regular audio output can then be coupled to an audio amplifier and speakers. This results in a conventional sound enhancement or voice augmentation system.

There are 120 selectable channels available from 2.400 to 2.480 GHz available for operation.

The complete system includes 3 mics, a head mounted, insert, and a lapel mic that all have a 3.5mm mini plug. They plug into the 3.5mm port on the small transmitter. This transmitter sends out the digital signals to the receiver which decodes and outputs the signal at a audio base band level of 100 to 500 mV.

The system also includes a power adapter to recharge the transmitter and a DC power adapter for the receiver. A clip on lanyard is attached to the transmitter.



Description	Microphone (Transmitter)	Receiver
Operating voltage	3V DC	9V DC
Operating current	Max 120 mA	Max 300 mA
Operation Temperature	5 - 149° F	5 - 149° F
Frequency Range	2400 - 2483 MHz	2400 - 2483 MHz
Channel Band (Space)	1MHz	1MHz
Frequency stability	150KHz	150KHz
Baud rate	2M bps	2M bps
Optional Channels, Selectable	120 CH	120 CH
Transmit Power	18dBm	
Output Level	260mv (max)	
Sensitivity	-90dBm	
Frequency Response	20 – 20,000Hz (+/-3dB)	
Latency time	0.5 ms	
Sampling ratio	48kHz@16 bit*2	
Effective operating distance	65 ~ 98 ft (without obstacle between Tx and Rx)	
Modulation	GFSK	
Signal-to-Noise Ratio (SNR)	95 dB	
THD Distortion	0.8%@1kHz	
Dynamic Range	90dB	

Carton size: 12" x 10" x 2.5" • Carton wt: 1.5 lb • Warranty: 1 year