

Wireless Mic/Speaker System



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System Includes:

- Pole mounted speaker unit
- Clip-on Mic
- Miniature Transmitter
- Receiver and amp in speaker unit
- Lanyard
- Charging Adapter

Optional wall mounting



DUKANE CORP

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WMIC2 Spec -05

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 80 feet without being blocked using RF at 2.4GHz (same as WiFi)
- Will automatically select any of 20 separate channels
- Comes complete with lapel mic, transmitter, and speaker unit
- Uses a rechargeable Li battery for 8 plus hours of operation
- Speaker unit can be easily attached to projector pole mount
- New model WMIC2B has a 30 watt output and 4 selectable modes for the audio output priority
- Optional wall mounting for speakers available. Also optional adapter to provide the speaker signal for audio recording.

Note: For use with a recording system, a speaker output adapter is available. Part No; 13700028.

Speaker Specifications

Amplifier	Class D Amplifier
Wattage Output	30W
Speaker Spec.	2.75" 10W/8Ω x 2 full range high efficiency speaker and echo tube design
SPL (Sound pressure level)	92dB/W
Frequency Response	50Hz ~ 20kHz
Dimension	254 x 250 x 80 mm
Weight	1.5 kg / 3.3 lbs
Outlook Color	White/black steel mesh
Power Supply	DC12V/2A (Power adapter)
Audio In	3.5mm to 3.5 L-type phone jack
Safety	CE, FCC, BSMI, CCC
Audio Auto Off	60 sec

Wireless Module

	Receiver (Built in speaker)	Transmitter (Wireless module)
Voltage Range	3.6 ~ 5 V	
Current	< 50 mA	
Frequency of operation	2.4G ~ 2.483GHz (20 channels)	
Channel	Auto seek and lock on one of 20 channels	
Frequency Match	GFSK	
Sensitivity	-85dBm (Min)	
Output Resistance	32Ω	
Output Voltage	2Vp-p (Max)	
Transmitter Power		10mW
Input Resistance		10kΩ
Input Voltage		2.8Vp-p (Max)
Power System		DC 5V (USB charge wire)
Audio In		MIC in / Audio in
Priority Audio (4 Modes)	MIC only, MIC and AUX mixed, MIC priority, or AUX priority	
Audio Shift	< 1.5ms	
Dynamic Range @ 1KHz	81dB	
Separating Degree @ 1KHz	90db	
Distortion THD	0.10%	
Setup Distance	2M < / Less than 7ft	
Operating Distance	30M (Free space) / 95 ft	
Battery Type	Lithium battery inside	
Battery Time	8hr min use	
Battery Charge Time	4hr from exhausted to full charge	

Regulation

Safety	CCC, SRRC, BSMI, NCC, CE, FCC
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Microphone

Microphone Type	Collar type
Sensitivity	-37db (f=1KHz, S.P.L=1Pa, 0dB=1V/Pa)
Signal to Noise Ratio	70dB
Maximum Input SPL	120dB (f=1KHz, THD<1%)

A wall mounting kit is available; part WMIC2-BRK Carton; 1.2" x 3.4" x 7.7" Wt; 1.5 lb.

Specifications

The WMIC2B consists of a small light weight transmitter with an attachable mic. The transmitter sends the digitized voice signal via 2.5 GHz to a receiver inside the pole mounted speaker unit. The receiver converts the signal to audio and feeds a 30 W amplifier connected to the speakers. This results in a voice/sound reinforcement system.

An added Aux Input permits a second audio channel to be included. The unit has 4 modes of operation; Mic only, Mic and Aux mixed, Mic priority, and Aux priority. An optional adapter permits obtaining the speaker audio signal for recording.



*Projector not included



Lapel mic and mini transmitter



Pole speaker with receiver and audio amp inside

UPC code 605194003815
Carton size: 12.5" x 11.5" x 7"
Carton wt: 4 lb • Warranty: 1 year