

IQAudio wireless microphone system

PA310

Wireless Microphone | Wireless MIC Receiver



Wireless microphone system is a useful system applied in the classroom that teachers could enjoy good interactive experience with students. The system delivers clear and smooth sound with anti-interference. It also fits teachers in daily teaching like turning PPT pages and infrared pointers.

Wireless Microphone



Features

- Automatically match the frequency when hand-held microphone is on. One teacher with one microphone that could be taken around the campus, which is easy to manage.
- Strong anti-interference of the microphone to avoid signal noise.
- Microphone with extra features like turning PPT pages, being infrared pointers, vocal detection and power-saving mode.
- Clear notes show up in the OLED screen such as working channel, volume, battery power and others.
- Easy-to-use microphone with light weight and compact size. One could hold it by hand or hang it.
- Support the connection to the external head or collar worn microphone. Adjust the volume at any time according to the environment.
- The microphone has ultra-low power consumption with built-in lithium battery and gives user-friendly experience like low power warning and auto power off after full charge. Device could be used with no less than 6 hours to meet the requirement of all-day-long use.

Specifications

RF Carrier Frequency Range	650~675MHz
Max. Channel Number	64
Pilot Mode	Digital Pilot
Display Mode	OLED Screen
RF Power Output	≥3dBm
Input Impedance	2.2KΩ
Spurious Rejection	>50dBc
Frequency Bandwidth	25MHz
Max. Input Level	≥300mVRms at max. Gain
Gain Adjusting Range	8dB
Power Requirements	3.7V/800mAh lithium battery*1
Battery life	<6h
Battery Charging Time	About 2.5h
REID/Bluetooth Radiant Power	≥-10dBm
RFID/Bluetooth Spurious Rejection	> 50dBc
Dimensions(H*W*T)	31*144*31mm
Weight	65g

Wireless MIC Receiver



Features

- Effectively prevent interference and crosstalk with 2.4G and UHF dual-band technology to ensure high sound quality.
- Visible working status with digital tube display.
- Effective receiving distance up to 20 meters.
- Support up to 64 channels to fit schools of different scales.

Specifications

Oscillation Mode	PLL Synthesizer
Modulation Mode	$\pi/4$ QPFKS (Quadrature Modulation)
RF Carrier Frequency Range	650~675MHz
Max. Channel Number	64
Frequency Bandwidth	25MHz
System Compatibility	4 receivers can be used simultaneously
RE Sensitivity	<-90dBm
Frequency Response	70~15KHz(± 3 db)
S/N Ratio	≥ 80 dB(A)
T.H.D.	<0.1%1KHZ
Dynamic Range	>85dB
Working Range	<15
Output Connectors	$\Phi 6.35$ Jack Connector
Audio Output Level	>+5dBV max
Power Requirements	DC12V/500MA
Dimensions(H*W*T)	44*212*100mm
Weight	500g

IQAudio wireless microphone module

PA320

Wireless Microphone | Wireless MIC Receiver



IQAudio wireless microphone module can be added to audio devices to enrich product features. That is a useful system applied in the classroom that teachers could enjoy good interactive experience with students. The system delivers clear and smooth sound with anti-interference. It also fits teachers in daily teaching like turning PPT pages and infrared pointers.

Wireless Microphone



Features

- Automatically match the frequency when hand-held microphone is on.
- Microphone with extra features like turning PPT pages, being infrared pointers, vocal detection and power-saving mode.
- Clear notes show up in the OLED screen such as working channel, volume, battery power and others.
- Support the connection to the external head or collar worn microphone. Adjust the volume at any time according to the environment.
- The microphone has ultra-low power consumption with built-in lithium battery and gives user-friendly experience like low power warning and auto power off after full charge.

Specifications

RF Carrier Frequency Range	650~675MHz
Max. Channel Number	64
Pilot Mode	Digital Pilot
Display Mode	OLED Screen
RF Power Output	≥3dBm
Input Impedance	2.2KΩ
Spurious Rejection	>50dBc
Frequency Bandwidth	25MHz
Max. Input Level	≥300mVRms at max. Gain
Gain Adjusting Range	8dB
Power Requirements	3.7V/800mAh lithium battery*1
Battery life	<6h
Battery Charging Time	About 2.5h
REID/Bluetooth Radiant Power	≥-10dBm
RFID/Bluetooth Spurious Rejection	> 50dBc
Dimensions(H*W*T)	31*144*31mm
Weight	65g

Wireless MIC Receiver



Features

- Receiver / module and wireless microphone can be freely configured for easy management and use with RFID automatic frequency matching technology
- Effectively prevent interference and crosstalk with 2.4G and UHF dual-band technology to ensure high sound quality.
- Effective receiving distance up to 20 meters. Bluetooth PPT uses a distance of about 10 meters and RFID usage distance is about 5~8 meters.

Specifications

Oscillation Mode	PLL Synthesizer
Modulation Mode	$\pi/4$ QPFKS (Quadrature Modulation)
RF Carrier Frequency Range	650~675MHz
Max. Channel Number	64
Frequency Bandwidth	25MHz
RE Sensitivity	<-90dBm
Frequency Response	30~15KHz(± 3 db)
S/N Ratio	≥ 85 dB(A)
T.H.D.	<0.1%1KHZ
Dynamic Range	>85dB
Output Connectors	NC
Audio Output Level	>+5dBV max
Power Requirements	DC12V/500MA
Dimensions(H*W*T)	73*36*100mm
Weight	65g

 **FUTURE CLASS, IQ CLASS**

Returnstar Interactive Technology Group CO., LTD.
6th Bldg. High-Tech Base. Fuzhou Fujian Prov. China
0086-591-38202660
0086-591-38203003
www.IQBoard.net
master@IQBoard.net



STOCK CODE
836453



IQAudio wireless microphone system 20180906