

# IQSoundBox

## Wireless Portable Amplifier System

PA330



IQSoundBox is a perfect wireless portable amplifier system suitable for lecturers, teachers, group discussion and others. Power amplifying system, HD audio decoding system, and built-in digital wireless microphone receiver all together make the speaker a perfect portable PA system.

# Wireless Portable Amplifier



## Features

- High sensitivity condenser microphone, picking up sound easily.
- Synchronized automatically and get started with the channel saved last time.
- Treble/bass adjustment to balance the sound effect in different environments.
- Effective working distance up to 20 meters to boost interaction between lecturers and audience anywhere in the spot.
- Built-in DSP to compensate acoustic effect and increase microphone gain.
- Equipped with SD card/USB flash disk/Bluetooth play, supporting lossless audio files and recreating melodious sound.
- MP3 record sound during the whole presentation.
- Powered by high-energy lithium batteries and work as long as 6 hours.
- Could be connected directly to computer through 3.5mm stereo jack as external audio source.

## Specifications

<b>RF carrier frequency range</b>	823-832MHz/650-675MHz
<b>Output power</b>	30W@THD=10%
<b>THD</b>	<0.05%@1w, 1KHz
<b>Frequency response</b>	80Hz-18KHz
<b>Sensitivity</b>	90dB SPL/W/m
<b>Input power</b>	24V/3A
<b>Battery capacity</b>	2.6AH/16.8V
<b>Working time</b>	>8.0 hours
<b>Bluetooth version</b>	4.0, working range>15 meters
<b>SD card/USB flash disk</b>	Maximum capacity 32G, support FAT16, FAT32, ExFAT/FAT64 system files. Besides MP3 and WMA lossy audio files, it also supports FLAC,APE and WAV lossless audio files.
<b>Dimension (W*H*T) (mm)</b>	242*220*110
<b>Weight (g)</b>	2215

# 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

Range of gain adjustment	8db
Input impedance	2.2KΩ
RF output power	10mW
Maximum SPL	> 50db
Display	OLED
Power requirements	lithium battery of 3.7V
Battery life time	> 8 hours

 **FUTURE CLASS, IQ CLASS**

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