Specifications

Model		CH-30P	
Speaker spec.			
Amplifier		Class D	
Wattage Output		30W Stereo	
Speaker		2.75" 15W/8Ω x2	
SPL(Sound Pressure Level)		92dB/W	
Frequency Response		50Hz ~20kHz (Enhance treble and bass range performance)	
Dimension(L*W*H)		254.1 x 250 x 90mm	
Weight		1.5Kg	
Power Supply		Switching Power Supply DC19V/2.64A	
Input		Audio in x2, DC in x1 , USB-A x2 (for Dongle)	
Output		Audio out x1	
Wireless Spec.			
		Receiver (Dongle)	**Transmitter (Microphone)**
Voltage Range		3.0V ~ 5.0V	3.7V ~ 4.2V
Current		24mA	67mA
Frequency Response		2.4G ~ 2.483G	
Device Pairing		Automatic Secured ID Locking	
RF Technology		GFSK	
Sensitivity		-85dBm(Min)	
Output Resistance		32Ω	
Output Voltage		2Vp-p(Max)	
Transmitting Power			10mW
Antenna Gain			2.96dBi
E.I.R.P(Transmitter Power +Antenna Gain)			**12.9dBm(20mW)**
Input Resistance			**10kΩ**
Input Voltage			**2.8Vp-p(MAX)**
Charging Port			**USB Type-C**
Voice in			Built-in high-sensitivity condenser capsule x1, 3.5mm jack x1
Audio Latency			10ms
Signal to Noise Ratio@ 1KHz			81dB
Dynamic Range@ 1 KHz			90dB
Distortion THD			0.1%
Pairing Time			3 sec
Pairing Distance			3M
Radio Distance			30M@(Free space)
Battery Type			Lithium battery
Battery Time	Operating Time		< 10 hours/cycle
	Charging Time		2 hours (0% ~ 100%)
Dimension(L*W*H)		70 x 25 x 12mm	120 x 35 x 12mm
Weight		14g	40g
Others			
Regulations		BSMI, NCC, CE, FCC	
Speaker Accessories		Power code x1, Power adapter x1, 3.5mm audio cable x1, Sponges, QSG	
Microphone Accessories		USB Type-C cable x1, Lanyard x1	

*specification subject to change without notice.

BOXLIGHT-Asia Operation Center
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BOXLIGHT

Full-range speaker delivering powerful, crystal-clear voice and audio.

Featuring an acoustic echo chamber design that enhances deep bass and crisp highs for balanced sound performance.

Our speaker allows a maximum of two wireless microphones to be paired simultaneously, enabling both a teacher and a student to talk with each other in class.

Compact Design, Maximum Mobility.

Intuitive operation

Convenient to carry

Clear information

Ultra-lightweight design (less than 40 g) ensures comfortable all-day use. The dedicated microphone offers intuitive operation and convenient use in the classroom.

Equipped with a high-sensitivity condenser capsule optimized for clear voice pickup, the microphone is ideal for teachers to use in class.

Interference-free wireless operation across multiple classrooms.

Advanced auto-pairing and secure ID-locked encryption ensure stable wireless communication. This dedicated microphone allows teachers to use it across classrooms without any interference.

We provide schools with a complete solution. Speakers can be installed in every classroom, while each teacher is assigned a personal microphone. This allows seamless use across multiple classrooms and promotes good personal hygiene practices.

Connect two speakers for extended classroom coverage.

Dual input/output ports enable two speakers to be connected in series, creating a complete system for larger classrooms. This ensures even sound coverage across large spaces while delivering excellent and immersive audio performance.