

Specification

Model	CH-30W	
Speaker spec.		
Amplifier	Class D	
Wattage Output	30W Stereo	
Speaker spec.	2.75" 15W/8Ω x2 full rang (high performance speaker)	
SPL(Sound Pressure Level)	92dB/W	
Frequency Response	50Hz ~20kHz	
Dimension	254.1 x 250 x 90mm	
Weight	1.5Kg	
Power Supply	Switching Power Supply DC19V/2A	
Input	Audio in x1, DC in x1	
Audio Auto Off	60sec	
Wireless Module Spec.		
	Receiver (Built-in speaker)	Transmitter (Name Card Microphone)
Voltage Range	3.6V ~ 5V	
Current	< 50mA	
Frequency Response	2.4G ~ 2.483G	
Channel	20 channels (Auto-match)	
Frequency Match	GFSK	
Sensitivitly	-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 x1, DC 5V in x1, Audio in x1
Audio Shift		< 1.5ms
Dynamic Range@ 1KHz		81dB
Separating Degree@ 1 KHz		90dB
Distortion THD		0.10%
Matching Time		3 sec
Matching Distance		3M <
Frequency Match Distance		30M (Free space)
Battery Type		Lithium battery
Battery Time		at least 8 hr use
Battery Change Time		4hr from exhausted for full charge
Dimension		85 x 42 x 10mm
Weight		30g
Other Spec.		
Speaker Accessories	Power code x1, Power adapter x1, 3.5mm audio cable x1, Sponges, QSG	
MIC Accessories	3.5mm USB cable, Clip-on microphone, Sling	
Collar Microphone spec.		
Microphobne Type	Collar type	
Seneitivity	-37dB(f=1KHz, S.P.L=1Pa, 0dB=1V/Pa)	
Signal to Noise Ratio	70dB	
Directivity	Uni-directional	

*specification subject to change without notice.

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CH-30W Hi-Fi Speaker

Are you still worrying about how to provide the better sound environment to the future classroom.

Never hesitate, CH-30W Hi-Fi speaker can provide you with the best proposal.



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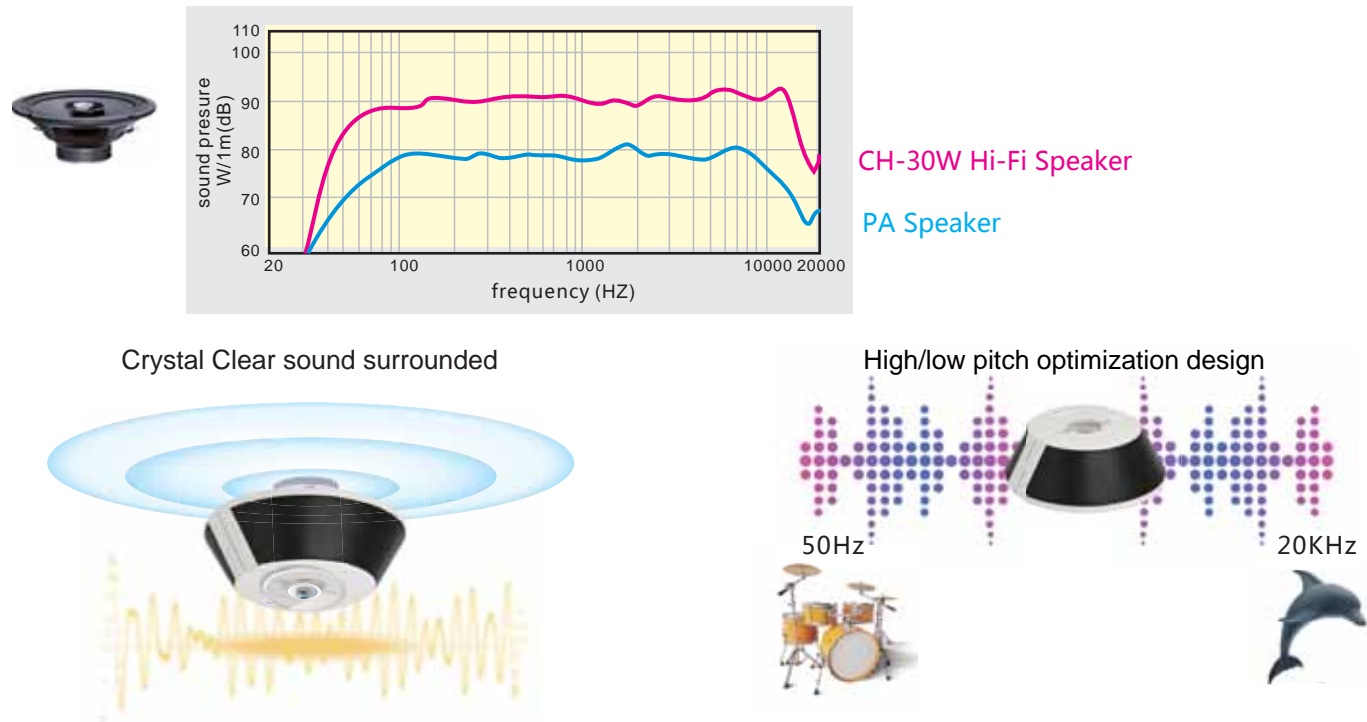


Full range, high sound quality. Music and vocals can express reality well.

The adoption of Class D digital power amplifier and 30W high-efficiency speaker design makes the output sensitivity up to 92dB.

The speaker built-in echo tube design presents stereo sound in bass to make people immersed in the high quality surround atmosphere and endless auditory feast.

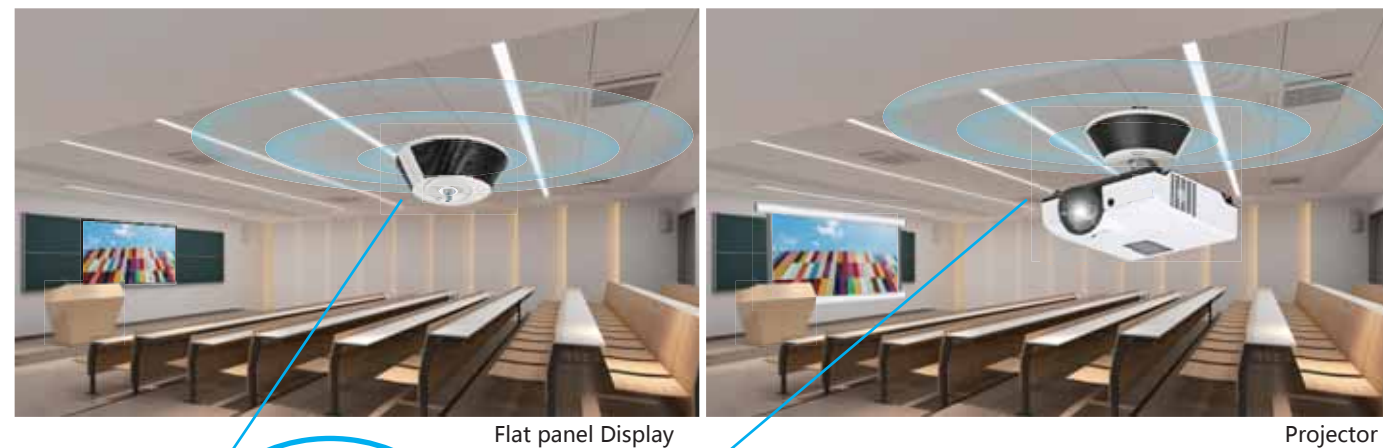
High/low pitch optimization design, enhancing the response frequency in 50Hz and 20KHz range, regardless of high/low pitch sound quality is clearly distinguishable allowing teachers and students to interact under the pleasant sound.



Patented design, unique two parts hook method, convenient and easy installation.

The speakers installed at the front of the classroom are in a dilemma that they can be heard clearly at front but blurred in the back. The unique patented installation design of the CH-30W is easy to install in the center ceiling of the classroom creating a surround sound effect allowing the clearest and best sound quality in all space.

CH-30W Hi-Fi speaker allows teaching and presentations to clear sound quality. It can be used with flat panel displays or projectors to create the smart classroom.



Unique speaker installation design adopts two parts hook method to complete.
Patents award in Taiwan, Japan, the United States, Europe and China.

Name card type wireless microphone, compact, light and easy to carry (2.4G, 3 sec pairing, 3M pairing distance)

Thinner and lighter than a mobile phone, name card microphone less than 30 grams is convenient for teachers to hold it in your hand without any heavy discomfort. Built-in high-sensitivity condenser microphone to create the clear sound quality to let teacher or presenter behave well under the external noise or classroom fan.

The microphone uses 2.4G, 20 channels pairing mechanism, 3M pairing distance and within 3 seconds pairing time automatically. After pairing the frequency is automatically locked to prevent from interference. Under pairing microphone has 10M wireless distance so the teachers can freely teach around the classroom without any wire.



Teacher can teach in different classroom with your own MIC and frequency is not disturbed.

The microphone has 20 channels that can be automatically paired so teachers can use their own microphones to use them in different classrooms. Therefore, the teacher can carry his own wireless microphone going to different classrooms installed CH-30W speaker to use and the frequency is not interfered.

Because the frequency can be automatically paired, different teachers can also use their own microphones in different classrooms to use it at the same time, and the frequencies will not interfere with each other. It is very convenient for teachers to use.

