HUAIN 华音

产品规格书

Specification

Product Name	Wireless Handheld Microphone
Product Model	HY-SU20CS、HY-SU20DS
Company Name	Zhuhai Huain Electronic Technology Co., Ltd.

Revision history				
Serial Number	**Version number**	**Revision Summary**	**Reviser**	**Revision Date**
1	V1.0	First formulation		2019/10/22
2	V2.0	Page Update		2025/11/5

1. Product Overview

1.1 Product Overview

The handheld unit employs UHF single-channel multi-channel and PLL technology, offering 100 selectable channels and strong anti-interference capabilities. It features a 1.0-inch LCD display and a high-fidelity pickup module, delivering high-fidelity sound reproduction. It supports AA/NiMH battery power, providing over 10 hours of battery life, and includes a chairman priority function.

1.2 Product Images





2. Product Specifications and Parameters

2.1 Functional Parameters

1. It adopts a UHF single-channel multi-channel design and uses high-precision phase-locked loop frequency synthesis PLL technology for more stable transmission;

2. It adopts a frequency range of 600-700MHz and a channel spacing of 250KHz, providing 100 channels to easily avoid various types of interference;

3. Equipped with a 1.0" high-brightness LCD display screen, which can dynamically display information such as unit power, volume, and channel;

4. It adopts a high-quality mesh head and microphone module, which can eliminate other external noises and achieve high sound quality reproduction;

5. Can be used in conjunction with a desktop conferencing unit;

6. It adopts a low power consumption design and can use two AA batteries or nickel-metal hydride rechargeable batteries. The nickel-metal hydride rechargeable batteries can be used continuously for more than 10 hours.

7. The chairperson's unit can be closed without being opened by other meeting units;

2.2 Product Specifications

Technical parameters	
Microphone type	Dynamic microphone core
Pointing characteristics	Cardioid directional electret
Modulation method	UHF
Communication frequency band	600-700MHz
Frequency matching method	Infrared frequency pairing
stray suppression	-60dB

Frequency error	<15ppm
Transmit power	10-14dBm
Frequency response	30Hz-20KHz
Max sound pressure level	126dB.1% THD 1KHz
Usage time	Approximately 10 hours
Power parameters	
Input power	AA batteries x2pcs
Input current	100~120mA
Overall power consumption	0.3W
physical parameters	
Overall machine dimensions (length × width)	250×50mm
Packaging dimensions (length × width × height)	260×75×55mm
Net weight/Gross weight	0.3kg/0.4kg
Product accessories included (if different from the actual product, the actual product shall prevail).	
dry cell batteries	1 pair
Warranty card	1 copy
Certificate of Conformity	1 copy