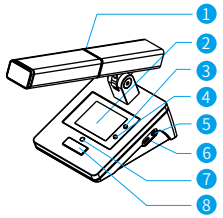
XDC236-CLS4/CLG4

有线无线融合数字会议系统 - 无线单元

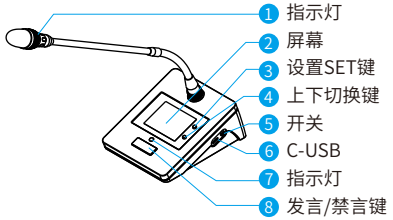
Wire & Wireless Integrated Digital Conference System - Wireless Unit

产品外观

XDC236-CLS4



XDC236-CLG4



* 不同子型号，咪杆可能存在差异，不影响说明书使用。

系统特性

* 基于iMeetingPlat™技术平台，带来全新用户体验。会议状态一目了然。
* 无线子系统具有音频时钟同步传输技术，延时小于 4ms。
* 会议模式： 先进先出 / 数量限制 / 全开模式。
* 音量设置 / 语言设置 / 单元编号。
* 静音设计，极佳体验。
* 实时扫频，自动切频技术。单元在每次发言时使用最优频点。
* 系统采样频率达到 48KHz，频率响应50Hz~20KHz，达到 CD 级音质效果。
* 音量可在主机或单元上自由调节。
* 单元角色由软件设定：主席、VIP列席、普通。可快捷的实现身份转换功能。
* 全金属面板，CNC高精度边框线条，简洁精致，时候高端会议室使用。
* 设备音频响应由国内高端专业音频工程公司调教，清澈无噪音。

使用说明

1. 基本概念及操作

Cman / C Chairman主席角色

VIP / V VIP角色

Normal / D Normal 普通列席角色

已被禁言

Null 该通道无发言

该终端为无线接入

- **会议终端角色说明：**
  - **主席(Chairman / Cman / C)：**拥有发言优先权，且拥有对普通列席(Normal)发言控制权，可禁止普通列席(Normal)发言。
  - **VIP列席(VIP / V)：**拥有发言优先权，不能被禁言。
  - **普通列席(Normal / D)：**在条件允许情况下可以轮询发言。

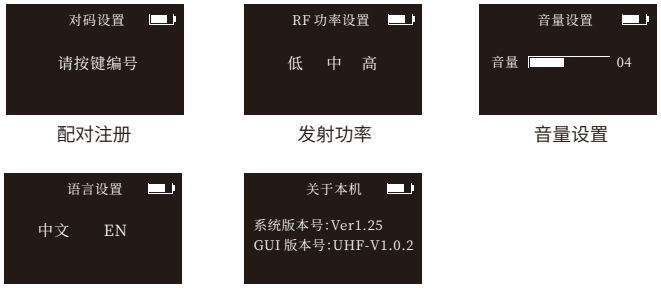
2. 基本操作

- **电池：**本设备内置18650锂电池，C-USB 接口充电。
- **开机 / 关机：**短按开关键。
- **禁言：**当终端设置为“主席(Cman，Chairman)”角色时，长按发言键时将激活禁言功能，此时所有普通列席将被禁止发言，同时显示禁言图标。松开按键后，禁言功能结束。
- **注册：**主机进入注册状态。本会议单元短按SET键一个，屏幕显示“请按键编号”，此时按上下切换键即可完成注册。
- **配置：**按“SET”键进入配置界面，上下键选择配置选项，按确认键进入选项。各配置选项中，选择至“返回”后，按确认即可退出。
- **注销：**仅在主机上可进行注销操作。
- **角色更改：**主机上直接修改。

3. 主界面



配置说明



配对注册　发射功率　音量设置

语音设置(需版本支持)　信息

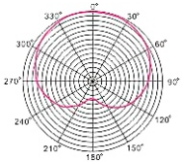
- **角色(Role Set.)：**
  提供主席(Chairman)、贵宾(VIP)、列席(Attendance)三种角色，分别对应ID的首字母：C / V /D。各功能见说明。
- **音量(Volume)：**设置会议终端单元的输出音量，建议仅在终端设备音量不一致时候调整。
- **功率(RF Power)：**设备的无线发射功率，高中低三档。
- **语言(Volume)：**可设置中文和English。
- **信息(Info)：**可查看设备软硬件版本。

主要参数

物理电气指标	参数
屏幕	2.8 inch TFT全彩触控显示屏，480x320
供电	18650 2000mha锂电池 / AAA电池(1.5V)*3[混用动力技术]
充电接口	USB-C
续航	内置电池：发言时间>8h；待机时间>15h AAA电池：发言时间>3h；待机时间>6h
工作温度范围	-18°C ~ 50°C (电池特性可能会限制该范围)
重量	160g，无外部电池
尺寸(mm)	底座：120x180x110；咪杆：290x50x40
材质	铸铝+工程塑料
存储温度范围	-29°C ~ 74°C (电池特性可能会限制该范围)

麦克风指标	参数
类型	电容咪芯
灵敏度	-30±2dB (f=1KHZ,S.P.L=1Pa 0dB=1V/Pa)
频响范围	70Hz～16kHz
工作电压范围	1.0V-5.0V
最大S.P.L	105dB (F=1KHz，THD＜5%)
信噪比	70dB (S:f=1KHz,S.P.L=1Pa; N:A-Weighted curve)

指向性



项目	参数
通信模式	语音信道：U段数字通信；管理信道：2.4G数字通信
调制方式	语音信道：PI/4 DQPSK；管理信道：GFSK
载波频段	668MHz~698MHz；
综合S/N	>96dB
动态范围	96dB
综合T.H.D	＜0.2% (@1KHz)
频响(Hz)	30Hz~18KHz
频响衰减	<2dB (50~16KHz)
传输时延(ms)	<4ms
相位偏差	30Hz低音偏离<30°；18KHz高音偏离<60°
有效传输距离	80M

其他说明

- iMeetingPlat™为专业的会议系统架构平台技术，由相关的标准接口协议及专利组成。包括：有线&无线2.4GHz会议系统管理信道通信协议、有线&无线600MHz会议系统语音信道通信协议、会议系统UI控制通信协议。
- 主机采用“实时监控，自动切换频率”技术，监控无线环境并从20个频率中选择最佳频率。因此，该20个频率不应被其他设备占用。请从主机的“扫描”菜单中获取信息。

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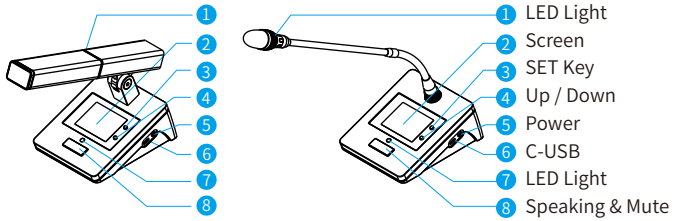
XDC236-CLS4/CLG4

Wire & Wireless Integrated Digital Conference System

Wireless Unit

Appearance

XDC236-CLS4 XDC236-CLG4



* There may be differences in microphone rod components for different sub-models, which does not affect the use of the instructions.

Features

* Based on iMeetingPlat™ technology platform, it brings a new user experience. The conference status is clear at a glance.
* The wireless subsystem has audio clock synchronization transmission technology with a delay of less than 4ms.
* Conference mode: First-in-first-out / quantity limit / full-open mode.
* Volume setting / language setting / unit number.
* Silent design, excellent experience.
* Real-time frequency sweep and automatic frequency switching technology. The unit uses the optimal frequency point every time it speaks.
* The system sampling frequency reaches 48KHz, and the frequency response is 50Hz~20KHz, achieving CD-level sound quality.
* The volume can be freely adjusted on the host or unit.
* The unit role is set by the software: chairman, VIP attendee, ordinary. The identity conversion function can be quickly realized.
* All-metal panel, CNC high-precision frame lines, simple and exquisite, it is used in high-end conference rooms.
* The audio response of the equipment is tuned by a domestic high-end professional audio engineering company, clear and noise-free.

Operation Instruction

1. Concept for the System

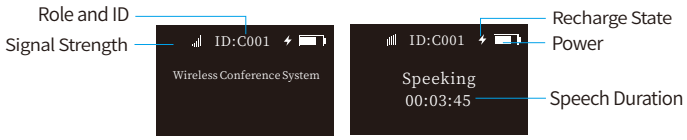
Cman / C Chairman
VIP / V VIP
Normal / D Normal
Forbiding
Null Null Unit for the CH
Wireless

- Conference terminal role description:
  - **Chairman:** speak priority and the right to control Normal role for speeking. (Handhold unit do not support this role.)
  - **VIP:** Has priority to speak and cannot be muted.
  - **Normal:** Polling is available when conditions permit.

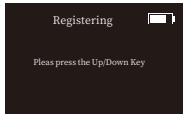
2.Operation Instruction

- **Battery:** Build-in 18650 Li battery, and recharged by C-USB interface。
- **Power on & Power off:** Long press the power key.
- **Mute:** When the terminal is set to the "Chairman (Cman)" role, the mute function will be activated by long pressing the speak key. At this time, all ordinary attendees will be prohibited from speaking, and the mute icon will be displayed. After releasing the key, the mute function ends.
- **Register:** The host enters the registration state. Short press the SET key of this conference unit, and the screen displays "Please press the key number". At this time, press the up and down toggle keys to complete the registration.
- **Configure:** Press the "SET" key to enter the configuration interface, use the up and down keys to select the configuration options, and press the confirm key to enter the options. In each configuration option, select "Return" and press Confirm to exit.
- **Logout:** Logout can only be performed on the host.
- **Role change:** Modify directly on the host.

3. Main



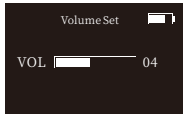
Setting Instruction



Registration



RF Power



Volume



Language
(Base on Version)

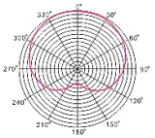


Information

- **Role Set:** Chairman / VIP / Attendance(Normal).
- **Volume:** Set the output volume. It is recommended when the volume of the terminals is inconsistent.
- **RF Power:** The wireless transmission power of the device, with three levels: high, medium and low.
- **Volume:** Chinese / English.
- **Info:** Software and hardware versions.

- With the "Real-time Monitoring, Automatic Freq. switching" technology, the host monitors wireless environment and selects the optimal freq. among the 20 freq. So, these 20 freq. should not be used by other equipments. Please get the information from the Menu of “Scan” in the host.

Parameters

Microphone Indicators	
Type	Capacitive microphone core
Sensitivity	-30±2dB (f=1KHZ,S.P.L=1Pa 0dB=1V/Pa)
Frequency Response	70Hz～16kHz
Operating Voltage Range	1.0V-5.0V
S.P.L (MAX)	105dB (F=1KHz, THD＜5%)
SN.	70dB (S:f=1KHz,S.P.L=1Pa; N:A-Weighted curve)
Directivity	

Communication Indicators	
Communication mode	UHF band radio digital communication
modulation	Audio Communication: Pi/4 DQPSK Control Communication: GFSK
Band	Audio Communication:668MHz ~ 698MHz Control Communication: 2.4GHz
RF Output	<18dBm
Distance	80M（related to signal absorption, reflection, interference, and selection）
Freq. Response Attenuation	<2dB（20Hz~20KHz）
S/N	>96dB
T.H.D	＜0.03%（@1KHz）
Time Delay	<4ms
Antenna	Audio Communication:600MHz Antenna *2 Control Communication: 2.4GHz Antenna *1

Physical and Electrical Specifications	
Power Supply	Build-in3000mHA Li-Battery + External AA Battery *3 Automatically switches according to the algorithm.
Endurance	>10h; Standby >20h(Li-Battery)
Working Temperature	5°C ~ 45°C (Battery characteristics may limit this range)
Weight / Size	Straight Pole : 280g / Gooseneck Pole : 80g / Base : 523g Straight Pole : 240mm*64mm*45mm Gooseneck Pole : L=400mm ; R=40mm Base：150mm*120mm*8mm
Material	Aluminum Alloy + Engineering Plastics
Storage Temperature	-10°C ~ 74°C (Battery characteristics may limit this range)

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