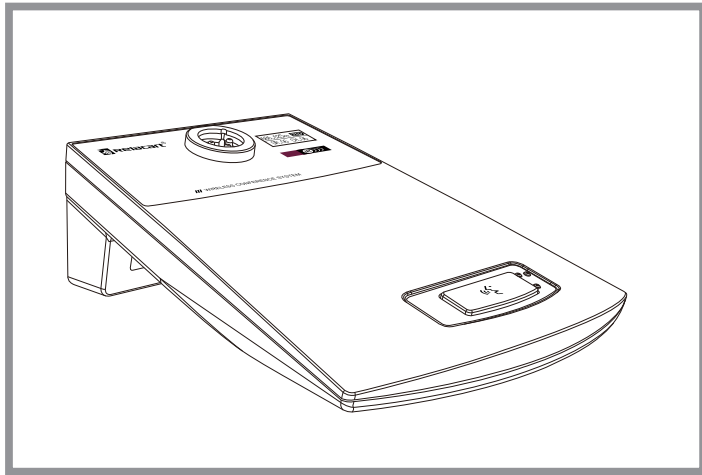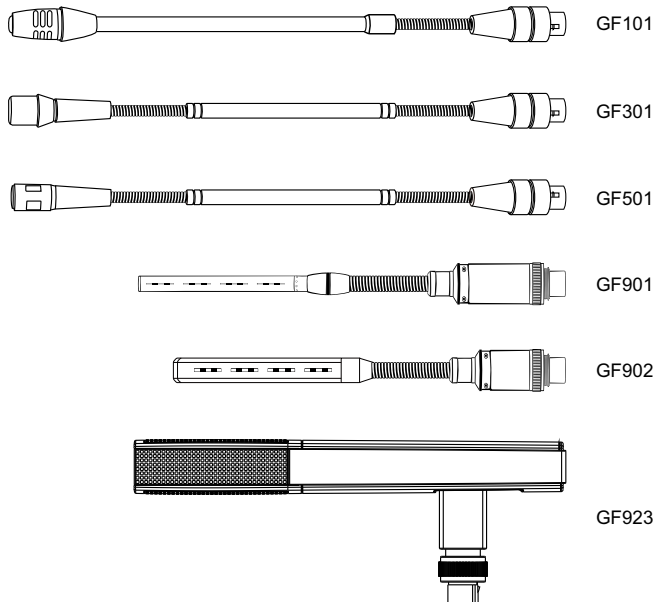# UD-903
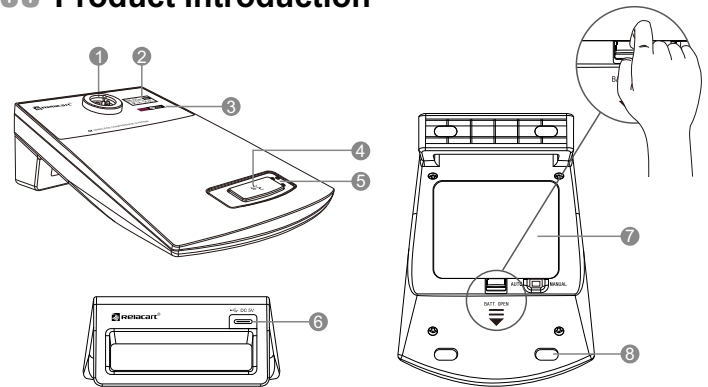Professional Wireless Conference Microphone Base

Relacart®

01 Features

· It is powered by a detachable lithium battery, which can be charged by the UD-903 special charging box or directly by the USB interface of the conference unit.
· Super long usage time, can work continuously for more than 24 hours.
· Bright OLED liquid crystal display, can display battery capacity, conference mode, and other working status.
· Superior anti-interference ability of mobile phones.
· With a work indicator light
· Using high-quality condenser pickups to achieve high-quality sound pickup.

02 Optional Gooseneck Microphone
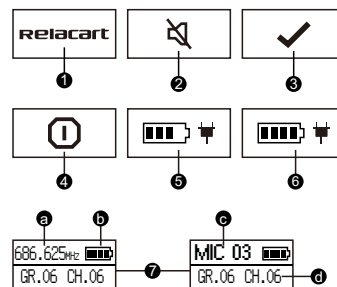

GF101

GF301

GF501

GF901

GF902

GF923

❶ Locked three-pin balanced Cannon female microphone, can firmly lock the conference microphone base to prevent loosening or various failures caused by poor contact.
❷ With LED indicator, you can know the working status of the microphone through the LED indicator.
❸ RFI shielding technology can suppress external radio frequency interference effectively.
❹ Different model and lengths are available.

03 Product Introduction

❶ XLR socket: The input port for connecting the audio signal of the gooseneck microphone.
❷ OLED display: Display the working status information of the microphone.
❸ Infrared [iR] window: In the process of infrared synchronization, aiming at the infrared port of the receiver can make the transmitter synchronize with the receiver.
❹ Light touch switch:
   a. Long press for 1 second to turn on the conference unit, and long press for 3 seconds to turn off the conference unit.
   b. Short press this button to enter speaking state (green) or mute state (red).
   c. In the power-on state, press and hold for 3 seconds to enter the "ID pairing" state.
❺ Braille logo: Braille text is convenient for people with congenital defects or damage to the eyes to perceive use.
❻ TYPE-C charging port: It can charge the lithium battery of the microphone unit with a rated voltage of 5V and a rated current of 800mAH.
❼ Detachable lithium battery box: Provides power for the microphone unit, with a rated capacity of 2900mAH and a rated voltage of 3.7V.
   (Note: Toggle the battery compartment switch in the direction of the arrow indicated by the battery to install or remove the battery.)
❽ Anti-slip insulating glue: reduce the impact and vibration on the desktop.

04 Display Screen Function Introduction

❶ Turn on the device to display the logo on the interface.
❷ * Mute status interface.
❸ IR match successful interface.
❹ Close the device display interface.
❺ Indicates that the battery is charging.
❻ Indicates that the battery is fully charged.
❼ ** Conference mode and non-conference mode.
   a: Frequency display.
   b: Battery level display.
   c: The current conference system channel.
   d: Channel display.

Note: * Some special requirements do not have this function.
** Conference Mode: This status screen will appear when the wireless conference central controller is used, such as WAM-432 and other models.
Non-conference mode: This status screen will appear when a wireless receiver is used, such as UR-222 and other models.

05 Specification

Carrier frequency band: 521.25MHz ~ 936.85MHz
Oscillation mode: PLL frequency synthesis technology
Harmonic radiation: 45dBm below the main wave
Band width: 134MHz
Maximum offset: ± 45KHz
Input socket: three-pin XLR male socket
RF output power: 30mW
Power supply: Li-ion polymer rechargeable battery, 3.7V / 2900mA
Current consumption: 100mA (typical)
Working time: 23 hours (typical)
Size(mm): 162mm (L) x 125 (W) x 54 (H)
Weight: About 910g

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