Anti-theft Fixing Screw

Press Key: Containing indicator display key; when it is pressed, it transmits the request for service and press again in 5 seconds, it is request for

This system may be used only after completing pairing of Transmitter and Receiver. The Receiver will respond only to ID of the paired transmitter, so

it is possible to set up many sets of pairing without mutual interference. The range of ID setting of transmitter is between 000 and 998. (When ID is set as 999, it becomes Canceller, which is used to clear up the service needs

Before performing the following, please ensure that all the transmitters have been properly installed with batteries and the receiver is powered on.

(1) When receiver is switched on, it will perform self-test and the displaying

receiver to be paired. If the distance is more than 5 meters, or when there is noise interference, it may not be able to enter Setting Mode

無線呼叫服務系統使用手冊

防盜線固定螺絲

按鍵:內含燈號顯示的按鍵,當按下時發射服務請求,五秒後再次按下

本系統必須完成接收機和發射機的配對後方能使用,接收機只會對已完

成配對的發射機ID有所回應,因此在同一個區域內可設置多個群組而不

會互相干擾;發射機的ID設定範圍可由000~998 ∘(ID若設為999則為取

進行下列工作時,請確認所有的發射機都已正確裝上電池,同時接收機已

(1)接收機開機後會進行一段自我測試,此時顯示幕上的LED燈將依續亮

起並響起鈴聲,最後進入待機模式(最左側的佇列燈號將會閃爍)。

(2) The transmitter shall operate the setting within 5 meters from the

LED light will light up in sequence and will ring bell and end at Standby

Battery case: Use Size: AAA Alkali Battery x 2 pieces

Anti-theft Line: Fixed onto desk when required

Mode (The left-most queue light will flash).

2. Preparations

Pairing Procedure

(2) 發射機及取消機

時則為取消

正確的工作

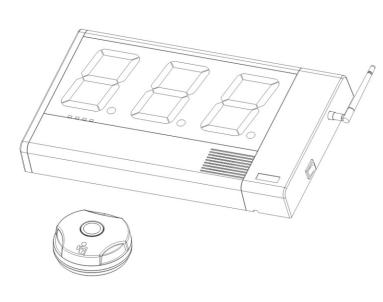
電池盒:使用4號鹼性電池x 2

消機, 用來清除發射機的服務需求)

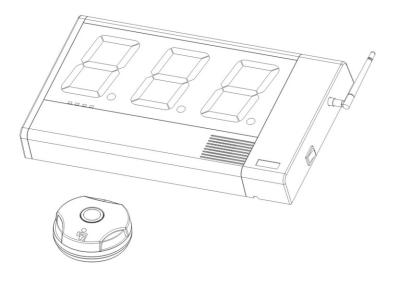
2. 準備工作

(2) Transmitter & Canceller

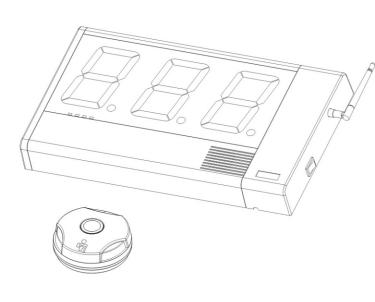
Wireless Caller Service System User's Manual



無線呼叫服務系統 使用手册



无线呼叫服务系统 使用手册



Legislative Information

It is provided under "Low Power Administration Regulations" of Ministry of Transportation and Communication that:

Clause 14: Type Certified Low Power Radio Frequency Device shall not have frequency changed, boost power or changing the original functions and features by individual or entity without prior approval. Clause 17: The use of low power radio frequency device shall not affect aviation safety and legitimate communication; when interference is identify, the use shall be interrupted and shall be modified till the interference is eliminated before resuming the use.

The legitimate communication as referred above is the wireless telecommunication operated under Telecommunication Regulations. Low power radio frequency device shall accept the interference from electric wave radiating equipment used in industry, science and medical purpose.

Users are advised not to make changes or modify the device in any way. Changes or modifications not expressly approved by our company will void

FCC Notices

法規資訊

FCC Notices

EQUIPMENT.

法规资讯

the following two conditions

FCC RF Exposure requirements:

根據交通部 低功率管理辦法 規定:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may Cause undesired operation.

FCC RF Exposure requirements:

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER SAUTHORITY TO OPERATE THE

無線呼叫服務系統使用手冊

第十四條 經型式認證合格之低功率射頻電機,非經許可,公司、商號

第十七條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信;

前項合法通信,指依電信規定作業之無線電信。低功率射頻電機須忍受

Users are advised not to make changes or modify the device in any way.

Changes or modifications not expressly approved by our company will void

This device complies with part 15 of the FCC rules. Operation is subject to

合法通信或工業、科學及醫療用電波輻射性電機設備之干擾

(1) This device may not cause harmful interference, and

interference that may Cause undesired operation.

conjunction with any other antenna or transmitter.

OR TV INTERFERENCE CAUSED BY UNAUTHORIZED

COULD VOID THE USER SAUTHORITY TO OPERATE THE

(2) This device must accept any interference received, including

This device and its antenna(s) must not be co-located or operation in

MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO

无线呼叫服务系统使用手册

或使用者均不得擅自變更頻率、加大功率或變更原設計之特性

經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼

15.105 Federal Communications Commission (FCC) Requirements, Part 15 This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

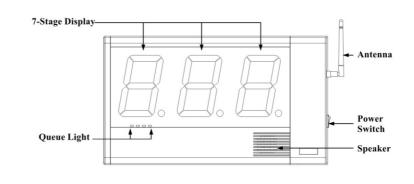
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

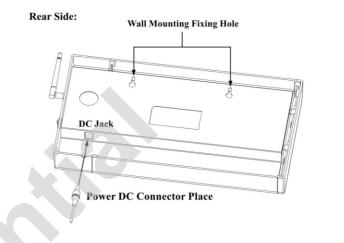
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

1. Appearance & Functions

(1) Receiving Device

Front Side:

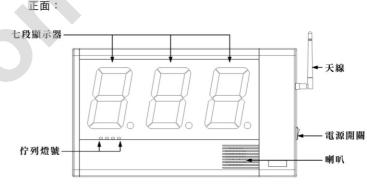


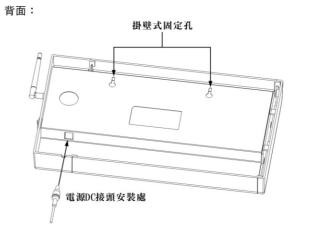


無線呼叫服務系統使用手冊

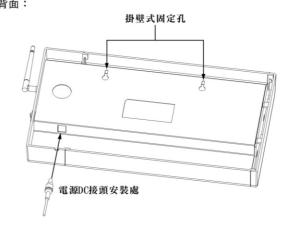
1. 外觀及功能說明

(1) 接收機裝置





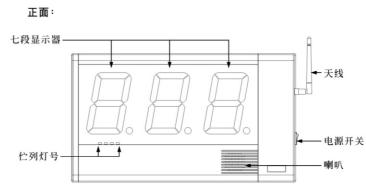
正面:

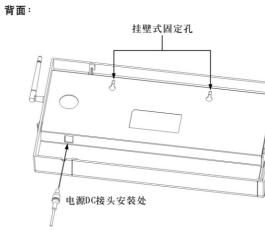


无线呼叫服务系统使用手册

1.外观及功能说明

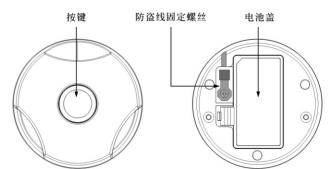
(1) 接收机装置





无线呼叫服务系统使用手册

(2) 发射机及取消机



按键:内含灯号显示的按键,当按下时发射服务请求,五秒後再次按下

电池盒: 使用4号硷性电池x 2

防盗线: 视需要可固定於桌面

2.准备工作

本系统必须完成接收机和发射机的配对後方能使用, 接收机只会对已完成 配对的发射机ID有所回应, 因此在同一个区域内可设置多个群组而不会互 相干扰:发射机的ID设定范围可由000~998。(ID若设为999则为取消机, 用来清除发射机的服务需求)

进行下列工作时,请确认所有的发射机都已正确装上电池,同时接收机已

配对步骤

(1) 接收机开机後会进行一段自我测试,此时显示幕上的LED灯将依续亮 起并响起铃声,最後进入待机模式(最左侧的伫列灯号将会闪烁)。

根据交通部 低功率管理办法 规定:

第十四条 经型式认证合格之低功率射频电机,非经许可,公司、商号 或使用者均不得擅自变更频率、加大功率或变更原设计之特性

第十七条 低功率射频电机之使用不得影响飞航安全及干扰合法通信: 经发现有干扰现象时, 应立即停用, 并改善至无干扰时方得继

前项合法通信,指依电信规定作业之无线电信。低功率射频电机须忍受 合法通信或工业、科学及医疗用电波辐射性电机设备之干扰。

Users are advised not to make changes or modify the device in any way. Changes or modifications not expressly approved by our company will void

FCC Notices

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may Cause undesired operation.

FCC RF Exposure requirements:

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER SAUTHORITY TO OPERATE THE EQUIPMENT.

This equipment generates, uses and can radiate radio frequency energy

無線呼叫服務系統使用手冊

15.105 Federal Communications Commission (FCC) Requirements, Part 15

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits

are designed to provide reasonable protection against harmful interference

and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception. which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

Reorient or relocate the receiving antenna.

in a residential installation.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

无线呼叫服务系统使用手册

15.105 Federal Communications Commission (FCC) Requirements, Part 15 class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no quarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

 Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.

in a residential installation.

- Connect the equipment into an outlet on a circuit different from that to
- which the receiver is connected. • Consult the dealer or an experienced radio/TV technician for help.

weak electric indicating LED x 1

(displayed LOS), or the setting may fail. Under such situation, please come closer to the receiver and try again.

- (3) Press and hold the Press Key of Transmitter and release only when
- "CCC" is displayed. (4) Then complete the setting in the order of " 001" ->" n00" ->" U00" The content of setting shall be in the order of Corresponding Transmitter "ID" -> "Music" -> "Volume" -> end of setting When the transmitter press key is pressed once, the number will increase by 1 and will be from 0 to 9 and cycle. When the setting is not operated within 5 seconds, it will jump to the next digit or the next step.
- Each transmitter can set individual music and volume. (5) The setting method of Canceller is in the same procedure as above and the ID No. is fixed at "999"

3. Description of Uses

- (1) When the signal of transmitter is received, the receiver will display the set ID number and ring up; at this time, the transmitter press key light will flash, until the canceller clear the service request of the particular number, or the request lasts for longer than 20 minutes. If user presses Service Key when the Transmitter Press Key Indicator is flashing, it will mean that this service call is cancelled and the ID number and Queue On the Display will vanish.
- (2) When the receiver received 2 or more signals of transmitter, the earliest ID number will be displayed and ID number of other transmitter will be queued in the order of receipt, so as to maintain First IN and First Out rule. The queue light will light up from right to left, with maximum of 4 Lights.But receiver can store 14 Service ID.
- (3) When signal from canceller is received by receiver, it will clear the currently displayed ID and display the next ID number in queue, and the press key light on the transmitter with ID number cleared will be off, and customer will know that his / her request is in process.
- (4) When the battery of Transmitter is low, the Press Key Light will flash in red every 5 second to remind replacing of battery.

4. Explanation of Display

- When "AAA" is displayed, it means the Main Unit ID is blank.
- "CCC" is displayed, it means the setting signal received is

無線呼叫服務系統使用手冊

- (2)請將發射機與欲作配對的接收機於五米內操作設定,超過五米以外或 有雜訊干擾時可能無法進入設定模式(此時顯示"LOS") 或是設定失 敗,此時請縮短距離再重新試一次
- (3)按下發射機的按鍵不放, 直到接收機顯示"CCC"後放開
- (4)之後將依 "001"-->"n00"-->"U00" 的順序完成設定, 設定內容依次 是發射機對應的"ID號"-->"音樂"-->"音量"-->設定結束,此時每按 一次發射機的按鍵則數字加一,並由0~9反復跳動,各項設定若於五 秒內沒有操作的話將自動跳到下一個位數或下一個步驟;每個發射機 可以設定各自的音樂與音量
- (5)取消機的設置方法與上述步驟相同,而ID號固定為999,同一個接收 機可以設置多個取消機

3. 使用說明

- (1)當接收到發射機的訊號時,接收機便顯示設定的ID號並響起鈴聲,同 時發射機上的按鍵燈將會閃爍,直到取消機清除該號的服務需求或是 超過20分鐘後按鍵燈將熄滅;若是使用者在發射機按鍵燈號是閃爍狀 態之下,再次去按服務鈕時,則表示本次的服務呼叫取消,顯示幕上 的ID號與佇列也將消失。
- (2)接收機收到兩個以上的發射機訊號時,將顯示最早收到的ID號並將其 他發射機的ID依序儲存於佇列內,以維持先呼叫先服務的原則,此時 佇列顯示燈將依等候的順序由右至左依次點亮,最多可顯示4個。但接 收機可儲存14組服務ID
- (3)接收機收到取消機的訊號時,會將目前顯示的ID號清除,並將佇列內 下一個收到的ID號顯示出來,此時被清除的ID號其發射機上的按鍵燈 也將熄滅,客戶可得知他的需求已在處理中
- (4) 發射機電池弱電時,按鍵燈將每5秒閃爍一次紅色燈號,以提示更換

4. 顯示說明

无线呼叫服务系统使用手册

- (2) 请将发射机与欲作配对的接收机於五米内操作设定, 超过五米以外或 有 尜 讯 十 扤 时 可 能 尢 法 进 人 设 定 模 式(此 时 显 示 "LUS") 或 是 设 定 矢 败,此时请缩短距离再重新试一次。
- (3) 按下发射机的按键不放, 直到接收机显示"CCC"後放开。
- (4) 之後将依 "001"-->"n00"-->"U00" 的顺序完成设定, 设定内容依次 是发射机对应的"ID号"-->"音乐"-->"音量"-->设定结束,此时每按 一次发射机的按键则数字加一,并由0~9反复跳动,各项设定若於五 秒内没有操作的话将自动跳到下一个位数或下一个步骤;每个发射机 可以设定各自的音乐与音量。
- (5) 取消机的设置方法与上述步骤相同, 而ID号固定为999, 同一个接收 机可以设置多个取消机.

3.使用说明

- (1) 当接收到发射机的讯号时,接收机便显示设定的ID号并响起铃声,同 时发射机上的按键灯将会闪烁,直到取消机清除该号的服务需求或是 超过20分钟後按键灯将熄灭;若是使用者在发射机按键灯号是闪烁状 态之下,再次去按服务钮时,则表示本次的服务呼叫取消,显示幕上 的ID号与伫列也将消失。
- (2) 接收机收到两个以上的发射机讯号时,将显示最早收到的ID号并将其 他发射机的ID依序储存於伫列内,以维持先呼叫先服务的原则,此时 伫列显示灯将依等候的顺序由右至左依次点亮,最多可显示4个。但 接收机可储存14组服务ID。 (3) 接收机收到取消机的讯号时,会将目前显示的ID号清除,并将伫列内
- 下一个收到的ID号显示出来,此时被清除的ID号其发射机上的按键灯 也将熄灭,客户可得知他的需求已在处理中。
- (4) 发射机电池弱电时,按键灯将每5秒闪烁一次红色灯号,以提示更换 电池。

4.显示说明

Within 5 meters

○ When "LOS" is displayed, it means the setting signal received is 5 meters or longer away. If the distance is changed to be within 5 meters within 5 seconds, it will enter in "CCC" status; otherwise, it will return to the original status.

Service Caller System Operation Manual

- When "nXX" is displayed, it means the setting signal received is selecting music. There are 15 music options and speaker will play the music currently selected.
- When "UXX" is displayed, it means that the setting signal received is for adjusting volume. "0-5" 5 types of volume are available to select and the speaker will play the volume as currently adjusted.

5. Specifications

Transmitter Unit

Frequency

RF Power

Modulation

Frequency	433MHz / 868MHz / 902MHz
Sensitivity	-105dBm@ 12dB SIAND
Modulation	FSK
Remote Distance	150M MAX (open environment)
Display Type	4" 7 stage displayer x 3
Power Supply	DC 12V / 1A Stable voltage power supply
Power Consumption	Max. 700mA / Standby 28mA
Operation Temperature	-10~40°C
Storage Temperature	-20~60℃
Storage Humidity	10~90%
Size	370mm(L) x 205mm(W) x 45mm(H)
Others	Status indicating LED x 4

無線呼叫服務系統使用手冊

10mW

FSK

433MHz/868MHz/902MHz

- ◎ 顯示"AAA",說明主機的ID是空的。
- ◎ 顯示"CCC",說明收到的設置信號在5m之內。
- ◎ 顯示"LOS",說明收到的設置信號在5m之外。5s內回到5M之內時則進入 "CCC"狀態,反之則回到原始狀態。
- ◎ 顯示"nXX",說明收到的設置信號是選擇樂曲。樂曲有0-15的選擇。 同時Speaker會播放現選擇之音樂
- ◎ 顯示"UXX",說明收到的設置信號是調整音量。音量有0-5的選擇。同 時Speaker會播放現調整之音量大小。

5. 規格表

接收機			
工作頻率	433MHz / 868MHz / 902MHz		
靈敏度	-105dBm@ 12dB SIAND		
調變方式	FSK		
有效距離	150M MAX (空曠環境)		
顯示器規格	4吋七段顯示器x 3		
電源供應	DC 12V / 1A 穩壓電源		
消費電力	Max. 700mA / 待機 28mA		
工作溫度	-10~40°C		
儲存溫度	-20~60°C		
儲存溼度	10~90%		
外觀尺寸	370mm(L) x 205mm(W) x 45mm(H)		
其他	狀態顯示LED x 4		
發射機			
工作頻率	433MHz / 868MHz / 902MHz		
發射功率	10mW		

无线呼叫服务系统使用手册

- ◎ 显示"AAA",说明主机的ID是空的
- 显示"CCC",说明收到的设置信号在5m之内。
- ◎ 显示"LOS",说明收到的设置信号在5m之外。5s内回到5M之内时则进 人"CCC"状态,反之则回到原始状态。
- ◎ 显示"nXX",说明收到的设置信号是选择乐曲。乐曲有0-15的选择。 同时Speaker会播放现选择之音乐。
- 显示"UXX",说明收到的设置信号是调整音量。音量有0-5的选择。 同时Speaker会播放现调整之音量大小。

5.规格表

发射功率

调变方式

調變方式

接收机	
工作频率	433MHz / 868MHz / 902MHz
灵敏度	-105dBm@ 12dB SIAND
调变方式	FSK
有效距离	150M MAX(空旷环境)
显示器规格	4寸七段显示器x 3
电源供应	DC 12V / 1A 稳压电源
消费电力	Max. 700mA / 待机 28mA
工作温度	-10~40℃
储存温度	-20~60°C
储存湿度	10~90%
外观尺寸	370mm(L) x 205mm(W) x 45mm(H)
其他	状态显示LED x 4
发射机	
工作频率	433MHz / 868MHz / 902MHz

10mW

FSK

Power Supply Alkali Battery (AAA) x 2 Max. 25mA/Standby 20uA Power Consumption 6000 times Battery Life Operation Temperature --10~55°C Storage Temperature -20~60°C Storage Humidity 10~90% Size 68mm(D) x 28.5mm(H) Others Status indicating LED x 1,

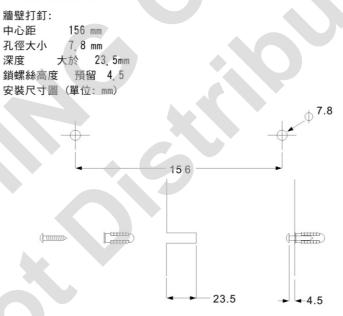
6. Installation Instructions

Wall Mounting Nail: Center Distance: 156 mm Hole dimension 7.8 mm Depth: 23.5mm or deeper Screw Height: reserve 4.5 Installation Dimensions (in: mm) 156 23.5

無線呼叫服務系統使用手冊

電源供應	鹼性電池(AAA) x 2
消費電力	Max. 25mA / 待機 20uA
電池壽命	6000次
工作溫度	-10~55°C
儲存溫度	-20~60°C
儲存溼度	10~90%
外觀尺寸	68mm(D) x 28.5mm(H)
其他	狀態顯示LED x 1,弱電顯示LED x 1

6. 安裝說明



无线呼叫服务系统使用手册

电源供应	硷性电池(AAA) x 2
消费电力	Max. 25mA / 待机 20uA
电池寿命	6000次
工作温度	-10~55℃
储存温度	-20~60°C
储存湿度	10~90%
外观尺寸	68mm(D) x 28.5mm(H)
其他	状态显示LED x 1,弱电显示LED x 1

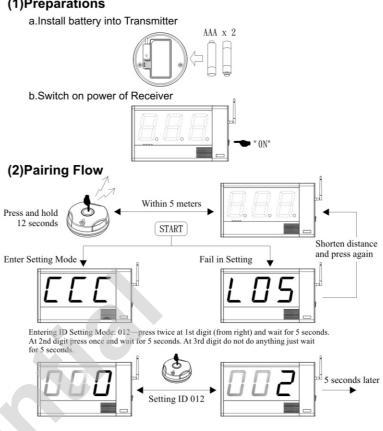
6. 安装说明

· · · · · · · · · · · · · · · · · · ·		
-		7.8
↓	15 6	
		(Tana)
	23.5	→ 4.5

7. Example of setting

Conditions of Transmitter Setting: (1) Setting of I.D. Number, "012" (2) Music Setting "11" (3) Volume Setting "5"

(1)Preparations

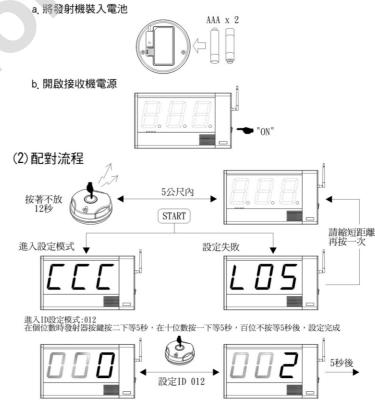


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7. 範例設定說明

發射機設定條件: 1. ID號設定"012", 2.音樂設定"11", 3.音量設 定"5",設定說明如下:

(1) 準備工作



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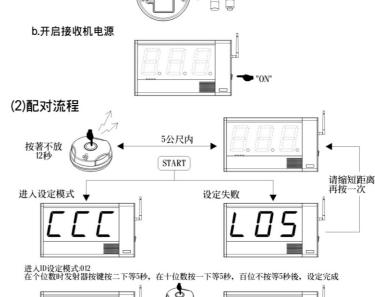
AAA x 2

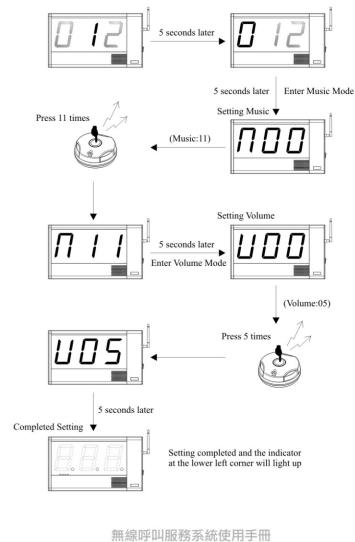
7.范例设定说明

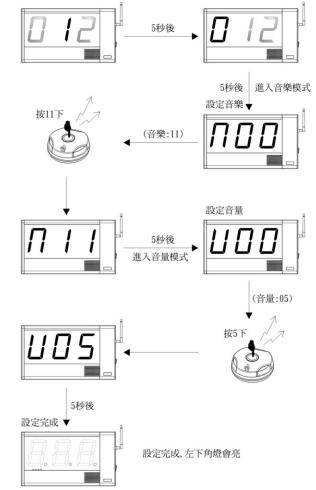
a.将发射机装入电池

发射机设定条件: 1. ID号设定"012", 2.音乐设定"11", 3.音量设 定"5",设定说明如下:

(1)准备工作







无线呼叫服务系统使用手册

