

# EC-680P Watch Receiver User Manual



# Features

- 1.OLED display with touch screen operation  
( Working life: 50,000 touches )
- 2.Flexible wearing types: watch type & pin type
- 3.Patent design: Copy function between 2 watches or watch & PC
- 4.Capacity: 400pcs Aidbell call buttons in max
- 5.Can work as emergency call button to call other Rceivers or Watches.
- 6.Different service types are available:  
CALL, SOS, AID, ORDER, DRINK, WATER, PARK and etc
- 7.Show 3 calling records with service type, calling time & time called
- 8.Store up to 99 call records
- 9.Easy to assemble watch belt or pin belt
- 10.Rechargeable 3.7V Li-ion battery with 12 hours working time
- 11.Easy to replace battery if broken
- 12.Two colors are available: Black & White

# Key Operation

<b>Power on</b>	Long press "<" Key
<b>Power off</b>	Long press "<" to choose "Turn off" and Long press "< " & ">" Key at same time
<b>Wake up</b>	Short press "<" Key
<b>Enter setting</b>	Long press "<" to choose "Enter Menu" and Press "<" & ">" Key at same time to input password "98"
<b>Exit setting</b>	Long press "<" Key
<b>Enter next menu</b>	Short press "<" Key
<b>Confirm menu choice</b>	Press "<" & ">" Key at same time
<b>Page up</b>	Short press "<" Key
<b>Page down</b>	Short press ">" Key
<b>Digit choice</b>	Short press "<" & ">" Key at same time
<b>Adjust number</b>	Short press "<" or ">" Key

# Menu List

<b>General</b>	Button define / Button word / Back light time / Prompt times
<b>Pair buttons</b>	General mode / 9999 mode
<b>Prompt mode</b>	Vibration / Buzzer / Vibration & Buzzer
<b>Display mode</b>	Single / List Display
<b>Auto clear time</b>	Set auto clear time
<b>Copy Data</b>	Copy watch A setting to watch B
<b>Date &amp; Time</b>	Set current Date & Time
<b>Remind mode</b>	Prompting times / Time interval
<b>Restore default</b>	Delete Caller / Delete calling record / Restore all

**Note:** Charge the watch to power on when first used.

## Enter Function Setting



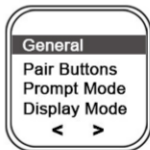
Long press "<" key



Choose "Enter Menu"



Press "<" & ">" Key at same time,  
Press "<" twice to input Password "98".



Enter Function setting.

# Detail Function Setting

## 1.General Setting



1) Button Define ( Default setting):

CAN: D0

A:D3

B:D1

C:D2

D:D0+D1

To define each key on Aidbell call button to have specific service type. Press each key on Aidbell call button to match " A , B , C , D , CAN " types if necessary. Normally, no need to set this function.



2) Button Word ( Set Service Type ) :

A: Call

B: Bill

C: Order

D: Low

Short press "<" key to choose other service types for "ABCD"  
keys from Call / Pay / Order / Park / SOS / Aid / Bill / Drink /  
Low / Water / (Blank)



- 3) Back Light time: To set Back Light Time from 5s to 15s  
( Default setting:10s )



- 4) Prompt Time: To set Prompt Time from 1s to 15s  
( Default setting:10s )



## 2.Pair Buttons: edit call buttons with letters & numbers



### 1) General Mode: Edit call buttons with letters & numbers

Short press "<" or ">" to choose number from "0-9" & "A-Z".

Short press "<" & ">" key together to choose next digit.

After editing, press any key on Aidbell call button for "3s" to pair.

(400pcs call buttons in max)

Long press "<" key to exit.

Note: EC-680W & EC-680P can work as emergency call button.

Press "<" & ">"key at same time on other EC-680W & EC-680P or other wireless receiver to pair under "Pair Buttons".



## 2) 9999 Mode: Edit call button with numbers only

Short press "<" or ">" to choose number from "0-9" only.

Short press "<" & ">" key together to choose next digit.

After editing, press any key on Aidbell call button for "3s" to pair  
(400pcs call buttons in max)

Long press "<" key to exit.

### 3.Prompt Mode: Vibration / Buzzer / Vibration & Buzzer



Short press "<" or ">" key to choose Prompt Mode.  
Long press "<" key to exit.

### 4.Display Mode: Single / list display



Short press "<" or ">" key to choose Single or List.  
Long press "<" key to exit.

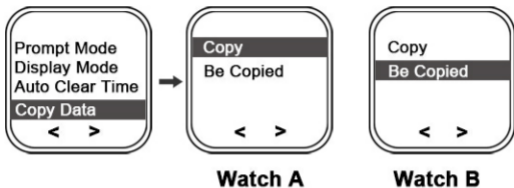
## 5.Auto Clear Time: 00-99s



Short press “<” or “>” key to choose Auto Clear Time from 00 to 99s  
Long press “<” key to exit.

Note: “00” means need to cancel the callings via cancel key on each Aidbell call button. It will not support the cancel on EC-680W or EC-680P itself.

## 6.Copy data: Copy / Be Copied



1) Copy between watches:

Copy data from Watch A ( "Copy" ) to Watch B ( "Be copied" )

In Watch A, short press "<" & ">" key to enter "Copy" status.

In Watch B, short press "<" & ">" key to enter "Be copied" status.

2) Backup via PC:

Copy data from Watch A to PC via Aidbell software.

Then, download the copied data to Watch B via Aidbell software.

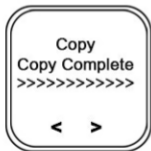


**Watch A**



**Watch B**

When copy is completed, it will show as follows:



**Watch A**



**Watch B**

Long press "<" key to exit.

## 7.Date & Time



### 1) Time:

Short press “<” & “>” key to enter “Time” setting

Short press “<” & “>” key to choose current Hours & Minutes

Long press “<” key to exit.



### 2) Date:

Short press “<” & “>” key to enter “Date and Week” setting

Short press “<” & “>” key to choose current Year-Month-Day & Week

Long press “<” key to exit.

## 8.Remind Mode



1) Remind Times ( Default setting: 00 )

Short press “<” or “>” key to choose Remind Times from 00 to 09s.

Long press “<” key to exit.



2) Time Interval ( Default setting: 60 )

Short press “<” or “>” key to choose Time Interval from 10 to 99s.

Long press “<” key to exit.



## 9.Restore Default



1) Delete Caller

Short press "<" or ">" key to enter "Delete Caller"

Long press "<" key to exit.



### 2) Delete Record

Short press "<" or ">" key to enter "Delete Record"

Long press "<" key to exit.



### 3) Restore All

Short press "<" or ">" key to enter "Restore All"

Long press "<" key to exit.

## Technical Parameters

<b>Working Voltage</b>	3.3 V
<b>Working Battery</b>	3.3V rechargeable Li-ion battery
<b>Working Current</b>	<10mA
<b>Standby Current</b>	<500 $\mu$ A
<b>Standby Time</b>	30 hours
<b>Radio Frequency</b>	433MHz
<b>Power Level</b>	20dBm
<b>Sensitivity</b>	-120dBm
<b>Working Temperature</b>	-20 $^{\circ}$ C ~ 55 $^{\circ}$ C
<b>Working Range</b>	300 meters (open air)
<b>Dimension</b>	40(W) x 45(H) x 14(D)mm (Strap is not included)