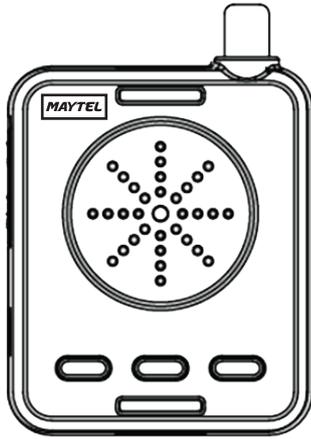


# WA-446 / WA-465

## Wireless Announcer

### Owner's Manual



Maytel Co., Ltd

## 1. INTRODUCTION

**1.1 The Wireless Announcer, WA-446 / WA-465 combines quality and versatility into a compact, light weight and portable wireless receiver with state-of-art design and easy-to-use features**

### 1.2 Key Features

- 4 Channels selector
- Volume level up & down control with 8 steps
- LED indicator
- PC programming for frequency and CTCSS code
- Drop-in charge contact and USB type C
- Both side hole for Velcro band tight
- Earphone output
- Line-in input
- Loud speaker output

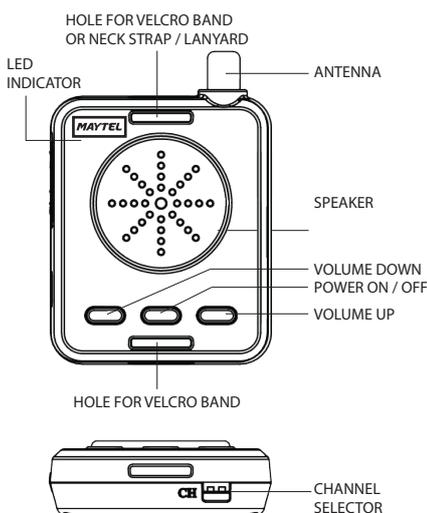
### 1.3 Standard Accessories

- ER01M, Mono Earphone
- CC01W, Poly pouch with belt clip
- VB01W, Velcro band
- UC01W, USB charging cable
- NS01W, Neck strap / Lanyard

### 1.4 Optional Accessories

- PC01W, PC programming cable
- LC01W, Line-in cable
- CS-02M, 2 bay drop in charger
- CS-20M, 20 bay drop in charger

## 2. PARTS NAME & FUNCTIONS



## 3. Basic Operation

- Power On/Off  
To turn the device power on, press the POWER button longer than 2 seconds.

Green LED is on with beep.  
Green LED is blinking every 5 seconds as long as the device is under power on.

- Volume level control  
Adjust volume level by using Up/Dn button. It has 8 steps.
- Channel selection  
Choose the channel by select the two digit of DIP switch. It has total 4 channels selection.

00		CH 1
01		CH 2
10		CH 3
11		CH 4

- Charging the battery  
Plug the USB charging cable between USB port and type C USB socket and charge the battery.

or

Put the device into the drop in charge station and charge.

Red LED is blinking while the battery is charging  
Green LED is on when the battery is fully charged

It will take 3 ~ 4 hours for full change.

- LED indication  
Power on; Green LED on for 2 seconds  
RX stand by; Green LED blinks per 5 seconds  
RX receiving; Green LED on  
Battery low; Red LED blinks  
Battery charging; Red LED on  
Full charge; Green LED on

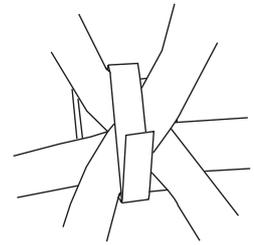
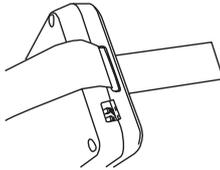
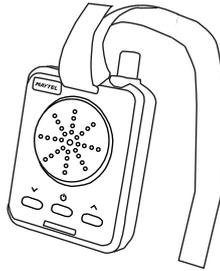
#### 4. Frequency & CTCSS programming

- Install the PC program of WA-446 / WA-465 in you PC and open it
- Connect the PC program cable between the P/c and the device
- Over write the frequency and the CTCSS code per CH in the table of the P/C program you desire.
- The frequency should be within 446MHz +/- 3MHz for WA-446 and 465MHz +/- 3MHz for WA-465
- The CTCSS code should be belong to the table at appendix

#### 5. How to install the device

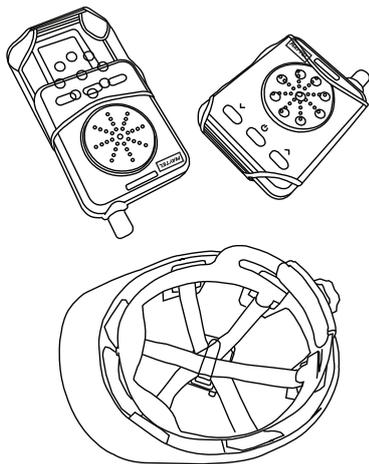
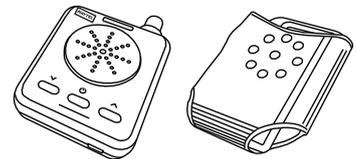
##### For the purpose of Helmet speaker

- Insert the Velcro band as below and tight it inner side of Helmet.
- Note; Its speaker side would be positioned toward the Helmet fiber.



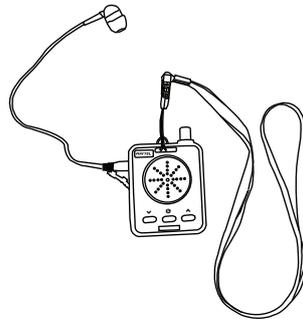
Or

- Put the unit in a poly bag pouch and clip it inner side of Helmet.
- Note; Its speaker side would be positioned toward the Helmet fiber.



##### For the purpose of portable speaker

- Insert the Neck strap/ Lanyard in the hole of device and carry it on the neck
- Plug the earphone into the earphone socket



#### 6. Technical specification

Frequency; WA-446; 446MHz +/- 3MHz  
WA-465; 465MHz +/- 3MHz  
Channels; 4 CHs pre-programmable  
CTCSS; Pre-programmable per CH  
ACR; 55dB typ.  
IMD; 55dB typ.  
Audio output; 500mW @ 5% THD  
Battery; Li-Ion, 700mA  
Battery operating time; 15 hours  
Stand-by time; 48 hours  
Operating temperature; -10C ~ +50C

#### 7. WARRANTY

Maytel will give 12 months warranty against failure made by the manufacture from the date of purchase. The warranty will not cover damage made by the user, the user opening the equipment, moist, dirt, hear or cold.  
The warranty will not cover lightning/ overvoltage.  
Please, contact your dealer if a problem with the equipment arises.

## 8. WASTE DISPOSAL

Electrical and electronic products can contain materials, parts and units that can be dangerous for the environment and human health. Products marked with the WEEE mark (shown below), shall not be disposed together with your normal household waste. Please inform yourself about the local rules and disposal collection system for electrical and electronic products.

The correct disposal of your old product will help to prevent negative consequences for the environment and human health.

(WEEE = Waste of Electrical & Electronic Equipment)

## \* Appendix

### • CTCSS CODE TABLE

Code	Frequency
1	67Hz
2	71.9Hz
3	74.4Hz
4	77.0Hz
5	79.7Hz
6	82.5Hz
7	85.4Hz
8	88.5Hz
9	91.5Hz
10	94.8Hz
11	97.4Hz
12	100.0Hz
13	103.5Hz
14	107.2Hz
15	110.9Hz
16	114.8Hz
17	118.8Hz
18	123.0Hz

Code	Frequency
19	127.3Hz
20	131.8Hz
21	136.5Hz
22	141.3Hz
23	146.2Hz
24	151.4Hz
25	156.7Hz
26	162.2Hz
27	167.9Hz
28	173.8Hz
29	179.9Hz
30	186.2Hz
31	192.8Hz
32	203.5Hz
33	210.7Hz
34	218.1Hz
35	225.7Hz
36	233.6Hz
37	241.8Hz

Code	Frequency
38	250.3Hz
39	69.3Hz
40	159.8Hz
41	183.5Hz
42	189.9Hz
43	196.6Hz
44	199.5Hz
45	206.5Hz
46	229.1Hz
47	254.1Hz
48	165.5Hz
49	171.3Hz
50	177.3Hz
51	60.7Hz
52	62.5Hz
53	64.7Hz