

**Applicant: Guangzhou Bai Yun New Century Electronic Factory.**

**FCC ID: PDMWM-70**

- 1.Remove battery cover.
- 2.Insert 1 pieces of 9 volt(AA) to battery terminals.
- 3.Slide power switch to “on” position while observing led(blink);.
- 4.RF Output Adjustment:
  - a. Adjust RF output power by changing resistance R43 or R44(75K).
  - b. Under normal situation. RF output power is required to be 12dBm. Reduce output by increasing the two resistances, and increasing output by decreasing the two resistances. The designed power is 8dBm.
- 5.Audio Adjustment:

Adjust audio output by changing the value of R2 (4.7K). The output signal is 5mV 1KHz when set resistance is 4.7K and frequency warp is 10K.
6. Tone Adjustment:

Adjust R7 or R8 to change tone. Adjust C7 or C6 to change treble to 10KHz.

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| Footprint | Comment      | Quantity | Designators |     |     |     |     |     |     |     |
|-----------|--------------|----------|-------------|-----|-----|-----|-----|-----|-----|-----|
|           |              |          | R39         | R21 | R37 | R4  | R15 |     |     |     |
| 805       | 100          | 5        | R39         | R21 | R37 | R4  | R15 |     |     |     |
| 805       | 47P          | 1        | C30         |     |     |     |     |     |     |     |
| 805       | 4P           | 5        | C55         | C53 | C56 | C35 | C54 |     |     |     |
| 805       | 75K          | 3        | R43         | R14 | R44 |     |     |     |     |     |
| 805       | 3P           | 3        | C48         | C37 | C49 |     |     |     |     |     |
| 805       | 47K          | 3        | R41         | R40 | R18 |     |     |     |     |     |
| 805       | 10P          | 1        | C44         |     |     |     |     |     |     |     |
| 805       | 51           | 1        | R38         |     |     |     |     |     |     |     |
| 805       | 1uF          | 2        | C27         | C13 |     |     |     |     |     |     |
| 805       | 104          | 4        | C33         | C20 | C40 | C5  |     |     |     |     |
| 805       | 1K           | 5        | R31         | R9  | R30 | R28 | R29 |     |     |     |
| 805       | 474          | 1        | C28         |     |     |     |     |     |     |     |
| 805       | 1SV239       | 1        | MV1         |     |     |     |     |     |     |     |
| 805       | 5P           | 2        | C43         | C38 |     |     |     |     |     |     |
| 805       | 100P         | 6        | C41         | C12 | C4  | C1  | C34 | C32 |     |     |
| 805       | 2.2K         | 2        | R34         | R1  |     |     |     |     |     |     |
| 805       | 220          | 1        | R36         |     |     |     |     |     |     |     |
| 805       | 2P           | 1        | C39         |     |     |     |     |     |     |     |
| 805       | 102          | 8        | C6          | C18 | C46 | C45 | C50 | C47 | C26 | C51 |
| 805       | 10K          | 7        | R8          | R10 | R17 | R5  | R6  | R32 | R11 |     |
| 805       | 22K          | 2        | R7          | R3  |     |     |     |     |     |     |
| 805       | 103          | 1        | C6          |     |     |     |     |     |     |     |
| 805       | 4.7uF        | 7        | C8          | C17 | C3  | C10 | C2  | C11 | C19 |     |
| 805       | 1uH          | 1        | L1          |     |     |     |     |     |     |     |
| 805       | 4.7K         | 2        | R13         | R20 |     |     |     |     |     |     |
| 805       | 220P         | 1        | C9          |     |     |     |     |     |     |     |
| 805       | 15K          | 1        | R12         |     |     |     |     |     |     |     |
| 805       | 2.2uF        | 3        | C15         | C14 | C16 |     |     |     |     |     |
| 805       | 60P          | 1        | C31         |     |     |     |     |     |     |     |
| 805       | 100K         | 4        | R23         | R22 | R24 | R25 |     |     |     |     |
| 805       | 68P          | 1        | C29         |     |     |     |     |     |     |     |
| 1005      | 10nH         | 5        | L4          | L2  | L3  | L6  | L5  |     |     |     |
| ASD       | 2SC3356      | 3        | Q4          | Q2  | Q3  |     |     |     |     |     |
| C&Q1      | 102          | 1        | C51         |     |     |     |     |     |     |     |
| C1        | 22K          | 1        | R19         |     |     |     |     |     |     |     |
| DDSP      | 10K          | 1        | R26         |     |     |     |     |     |     |     |
| DZ        | 4.7K         | 1        | R2          |     |     |     |     |     |     |     |
| DZ        | 4.0MHz       | 1        | CR1         |     |     |     |     |     |     |     |
| EGF       | 47uF         | 1        | C42         |     |     |     |     |     |     |     |
| IC16A     | KB8825       | 1        | IC4         |     |     |     |     |     |     |     |
| SO-8      | JRC4558      | 1        | IC1         |     |     |     |     |     |     |     |
| SOJ-14    | 78P153       | 1        | IC3         |     |     |     |     |     |     |     |
| SOL-16    | NE571        | 1        | IC2         |     |     |     |     |     |     |     |
| TO-92B    | 2SC3356      | 1        | Q1          |     |     |     |     |     |     |     |
| TTTTT     | 10K          | 1        | R27         |     |     |     |     |     |     |     |
| TTTTT     | ON/OFF       | 1        | DC          |     |     |     |     |     |     |     |
| WET       | 1.0X0.5X2.5T | 1        | L7          |     |     |     |     |     |     |     |