

PJ-80S ARDF finder

user's manual

First. Overview

This unit is a 80 meter band short range radio direction finder. The receiver adopts engineering design suitable for young people, which is small in size, compact in layout and flexible in operation. The direct-discharge circuit is further optimized, and the indicators such as directivity and signal-to-noise ratio are improved. For the use of primary and secondary school students, in order to protect the hearing, the machine sets the maximum volume limit, and under the premise of ensuring the listening sensitivity, the maximum output

volume is limited, so that the machine is more in line with the needs of the radio direction finding activity.

Second, the main technical indicators

1. Frequency range: no narrower than 3.5 to 3.6MHz

2. Sensitivity: not worse than 50mV/m

3. Directionality: 0.2 m from the antenna of the radio transmitter can distinguish the two-way clearly and accurately; the one-way audible distance is less than 2 meters.

4, the power supply voltage: DC4.5V, using 3 AA-R6 battery

5, power consumption: static $\leq 30\text{mA}$

6, AF output power: $\geq 150\text{mW}$

7, headphone impedance:
4-64Ω

8, volume: 170 × 110 ×
32mm (maximum position)

9, weight: 165G (excluding
batteries and headphones)

Third, the use of precautions

1. The headphone jack of this unit also acts as a power switch. The power is turned on after the headphone plug is inserted into the socket. When inserting the earphone, apply force to fully insert the earphone plug into the bottom of the socket. Use the headset to unplug the headset and turn off the power.

2. There is a protrusion on the upper part of the battery compartment, and the cover can

be opened by pulling up forcefully. It is recommended to open with a key or a coin. Pay attention to the polarity when installing the battery.

3. When the receiver is not used for a long time, the battery should be taken out to prevent the battery from leaking and damaging the battery case, and store the machine in a dry place.

Fourth, packing list

- 1, ARDF receiver 1
- 2, stereo headphones 1 pair
- 3, instruction manual 1 copy
- 4, packing box 1

Fifth, Quality Description:

The receiver can be warranted for quality problems caused by non-human damage within 6 months from the date of sale. A fee will be charged for the

warranty period. Drops, water ingress, broken antennas, and earphone damage are not

