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## X3 LI-ION BATTERY BOX

# Installation Instructions



WINDCAMP

**Notes:**

In the installation procedure KX3 transceiver with WINDCAMP KX3 SHIELD KITS is displayed. For the original KX3, the installation procedure is fully the same.

## 1.Prepare the Battery

X3 LI-ION BATTERY BOX can only carry 18650 Li-ion batteries with the voltage plateau of 3.6V (or 3.7V) and not the lithium iron phosphate battery. The battery cathode must be the flat-head one, without a protection circuit. It is recommended to use the brand new battery with the same model and same batch. Batteries with different capacities cannot be used

Li-ion Battery with the Diameter of 18mm and the Length of 65mm



Flat Anode



## 2.Remove the Upper Cover and loosen the Side Plate

The four fastening screws of the upper cover are unscrewed successively, and the upper cover of the battery box is removed. Then, the fastening screw connecting the side plate on one side of DC socket and the lower cover is unscrewed for 4-5 rings, to loosen the side plate. Otherwise, the battery box on the rightmost side cannot accommodate the battery.



## 3.Put in the Battery and Install the Upper Cover

With reference to the polarity mark of the battery box, nine batteries are put in successively. And the upper cover is installed back again.

At this step, special attention shall be paid to the battery polarity, which cannot be reversed. Otherwise, SMT fuse of this pack of battery will be burn out to protect the circuit of the complete box. If the red LED lamp on the circuit board at the cathode of a battery box is on, it indicates the polarity of this pack of battery is reversely connected. The fuse cannot be recovered if burn out and needs to be returned to the factory for repair.



#### 4.Install the shaft connector for KX3

The shaft connector occupies the mount installation place of KX3. After the original mount of KX3 is removed, the fastening screw of the side plate is unscrewed, to form an about 2mm gap between the side plate and the machine. Then the shaft connector is inserted into the installation place at the angle of 45°, and at last, is locked dead with the supporting thumb screw. If the side plate is not unscrewed, the shaft connector cannot be inserted.

The shaft connector distinguishes the left side and the right side. Please use it according to the graphical representation. The shaft connector cannot be installed if its left and right sides are reversed.



**5.Dock X3 Battery Box and KX3 Transceiver**

The two notches on left and right sides of the lower cover are for the installation of the shaft connector. The screw as the bearing at the installation notch is removed and the shaft connector is aligned with the installation notch and inserted. After the center of one hole and the other is adjusted and overlapped, the screw removed just now is installed again.





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