

Yaesu FNB-72,85 PLUG-COMPATIBLE!

FLB-85.32 Battery Pack

for Yaesu FT-817ND / Elecraft KX3

Installation and Use Manual

The FLB-85.32 Li-Ion Battery Pack provides 11.1V(Max12.2V) of DC power for your FT-817ND / KX3 , with a maximum capacity of 3240mAh. You can replace FNB-72, 85 without reconstruction.

You can use Yaesu NC-72A/B/C Battery Charger or 12.6V external power supply for full charge.

FLB-85.32 expand FT-817ND / KX3 's operational capability, RF output (10W for KX3) power, and operating time.



Important Notice

No warranty except initial failure. You have to take full responsibility for your actions.

Installation

1. To install the FLB-85.32 Li-Ion Battery Pack, first remove the battery compartment cover.
2. Lift out the FBA-28 battery holder, and disconnect the short cable connected to the FBA-28.
3. Before, you connect the short cable to the mating connector on the FLB-85.32, you had better to install the FNB-85 in the battery compartment.
4. Connect the short cable to the mating connector on the FLB-85.32
5. Replace the battery compartment cover.

* If you have some difficulty to close battery compartment cover, remove rubber plates back side of the compartment cover.

Charging Batteries

To start a charging the FLB-85.32 in the FT-817 requires the NC-72A/B/C charger Yaesu FT-817ND fittings, or an external 12.6 Volt DC source. If the NC-72A/B/C is used, the FT-817ND must be turned off during charging; if an external 12.6 Volt DC source is used (connected via the supplied E-DC-6 cable), then you may operate the FT-817ND while charging is in progress. <IMPORTANT>If you use an external DC power supply, adjust output voltage to 12.6 Volt, to prevent over charging the battery. And you must set the Battery Charging Time to "10 Hours" via Menu #11. If you use FT-817ND until the battery runs down, you may charge up another "10 Hours" for full charge. In this case, please check FT-817ND's battery voltage display to keep up with under 12.6V while charging.

Charging KX3 from 13.8V (require 14.3V for full charge) external power source, you have to start charging battery with voltage below 10.6V or you will see "BAT ERROR" KX3 LCD panel. And please set the Battery Charging Time to "12-16 Hours" and do not stop charging.

HANDLING INSTRUCTIONS FOR LITHIUM ION RECHARGEABLE BATTERY FLB-85.32

Please read and follow the handling instructions for the battery before use. Improper use of the battery may cause heat, fire, explosion, damage, or capacity deterioration of the battery. However, the manufacturer will not guarantee against any accident caused by the usage which is not written here.

When using the battery



DANGER

Do not dip or wet the battery in water, seawater, or other liquid.

Do not put the battery into a fire or heat it. Do not disassemble or alter the battery.

Do not apply impact to the battery, or throw or drop it.

Charge the battery every 6 months to the amount specified by the manufacture, even if the battery is not used.

An excessive over-discharge may cause an abnormal chemical reaction, which may result in the cause of acid leakage, or fire of the battery.

WARNING

Do not leave the battery in the place where the reach of infants.

IF you notice any bad odor, heating, discoloration, deformation, or any other change from what you are used to while using, charging, storing, the battery, take it out of equipment or charger, and avoid using it. Using it in such state may result in heat generation, explosion, or fire.

CAUTION

Do not use, or leave the battery in a place exposed to strong direct sunlight, or in a car under the blazing sun, or high temperature sources.

If you find the battery rusty, bad odor, heating, or any other defective before using the battery for the first time after purchase, do not use it,

If the battery leaks and its electrolyte contact with skin or clothes, wash it well with tap water or other clean water right away. Leaving it is, may cause a rash on skin.

Turn off your FT-817ND / KX3 power switch after use.

When the battery is expected not to be used for a long time, take the battery out of the FT-817ND and store it in a less humid area.

Despite being rechargeable, the battery has a limited life span. Replace it, when usage time becomes short.

When charging and discharging the battery

<IMPORTANT>If you use FT-817ND and an external DC power supply, adjust output voltage to 12.8 Volt, to prevent over charging the battery.

WARNING

Discontinue charging after specified charging time even if the charge is not complete. Otherwise, the battery might cause heat generation, explosion, or fire.

Charge the battery in condition of +10°C ~ +45°C. Otherwise, the battery might cause heat generation, damage.

Do not charge the battery over the specified time described in the instructions.

DANGER

Do not charge the battery with temperature below zero °C.

CAUTION

Do not use the battery in other than the following conditions

Discharge -20°C ~ +60°C

Store(more than a month) -20°C ~ +35°C (on the charge of 50%)

Please refer to our website for more information. <http://6502.jp> (Japanese only)