



AMERI-KING CORP.

406 MHZ SATELLITE PLB PERSONAL LOCATOR BEACON
(406 / 243.0 / 121.5) MHZ, MODEL NO.: AK-451- PLB



WORLD'S LEADING PRODUCER OF SATELLITE PLB

DESCRIPTION

The Ameri-King AK-451-PLB is a COSPAS-SARSAT & FCC approved, 406 MHz Satellite PLB Personal Locator Beacon, triple (406 Satellite /243 Military /121.5 Civilian) MHz frequencies.

Having triple frequencies insures your distress message reaches both NOAA Satellite Operation and US Air Force AFSR Ground Operation, Search and Rescue Team, with 100% confidence, due to transmitting on both 243.0 Military and 121.5 Civilian bands, for immediate ground search dispatch, narrowing the searching time to the minimum. Alert time is typically within 3 minutes.

The Position accuracy of the 406 MHz satellite qualitative test is about 140 meters at 4.6 degree Cross Track Angle (found in Satellite Qualitative Test at a COSPAS-SARSAT approved Laboratory).

The choice is clear, when it come to Safety, Speed, Accuracy, Reliability, Price and Product Support, Ameri-King's AK-451-PLB is your best choice.

FEATURES

- € Applicable to all Outdoor Uses such as Hiking, Camping, Canoeing, Skiing, Boating, Flying, etc.
- € Harsh/ Robust/ Heavy Duty PLB in an enduring composite Emergency Carrying soft case.
- € Ultra long lasting Battery Package, **up to 78 hours @ -20 deg C, end of 5 yrs life**, 10 years useful life time Lithium type, LiMnO₂, 4 D-Size.
- € Position data default accuracy: 80 meters typical
- € **Protocol:** Coding Programming International Worldwide, all available PLB Protocols, i.e. Short and Long Messages (User / User Location / Standard Location/ National Location) PLB w/ Serial No.
- € OXCO conv. tech for perfect grad temp stability.
- € PERP: 5W+/-2 dB @ 406.028 MHz for 24Hrs
- € PEIRP:(14-20) dBm @ 243 & 121.5 MHz for 78 Hrs @-20 deg C, end of 5-year life.
- € (4.27"W x 2.95" H x 5.64"L) 1 lb 14oz
- € 500G tested and 1000 Lbs tested.
- € Waterproof and Flame-retardant tested.
- € Type Approvals: COSPAS-SARSAT, FCC.
- € FAA TSO C-142 (RTCA DO-204A) tested.
- € Exceeds RTCM Standards.
- € Patent Pending

Made in U.S.A.