P/N 2854 RLB-43

ACR GlobalFix V6 406 MHz EPIRB with GNSS & RLS, Category II (Manual Release)

Radiobaliza EPIRB 406 MHz ACR GlobalFix V6, Categoría II

The ACR Electronics GlobalFix V6 Category II is a 406 MHz Emergency Position-Indicating Radio Beacon (EPIRB) with a manual-release bracket. It transmits a Cospas-Sarsat satellite distress alert with GNSS position (GPS, Galileo and GLONASS), a 121.5 MHz homing signal, and Galileo Return Link Service (RLS) confirmation back to the beacon. NFC and the manufacturer's mobile app support diagnostics. No subscription or cellular connection is required for emergency alerting. Category II does not float free if the vessel sinks; the beacon must be released from its bracket, then activated manually or by contact with water.

KEY FEATURES

- ACR GlobalFix V6 Category II with manual-release bracket (P/N 9656)
- 406 MHz Cospas-Sarsat distress alert with multi-constellation GNSS position
- 121.5 MHz homing signal; white LED and infrared strobes
- Galileo Return Link Service (RLS): flashing blue light confirms the alert was received
- 72-channel GNSS (GPS, Galileo and GLONASS); MEOSAR compatible
- NFC (13.56 MHz) diagnostics via the companion mobile app
- 10-year replaceable $LiFeS_2$ battery; 48-hour minimum operation at −20 °C

TECHNICAL SPECIFICATIONS

Brand	ACR Electronics
Model	GlobalFix V6 Category II (manual release)
Part number	2854 (USA); 2854.63 (Canada); 2854.62 (UK/EU)
Model number	RLB-43
Type	406 MHz EPIRB, Class 2, Category II
406 MHz distress transmitter	406.031 MHz ±1 kHz; 5 W nominal output / 12 W EIRP
121.5 MHz homing transmitter	121.5 MHz; 50 mW ±3 dB PERP
GNSS	72-channel multi-constellation (GPS, Galileo and GLONASS)
Return Link Service (RLS)	Galileo RLS confirmation direct to the beacon
AIS locating signal	Not fitted (AIS is offered on the GlobalFix V5, not the V6)
NFC	13.56 MHz; companion mobile app for diagnostics
Strobe	White high-intensity LED (>1 cd) and infrared (15 mW/sr); 24 flashes/min nominal
Battery	Lithium iron disulphide ($LiFeS_2$), non-rechargeable; replace 10 years after date of manufacture, or after activation (authorized service only)
Operating life	48 hours minimum at −20 °C (−4 °F)
Temperature (Class 2)	Operating: −20 to +55 °C (−4 to +131 °F). Storage: −30 to +70 °C (−22 to +158 °F)
Waterproof	10 m (33 ft); user manual: 1 hour / product page: 5 minutes
Buoyancy	Buoyant
Size / weight (beacon only)	470 × 109 × 111 mm (18.5 × 4.3 × 4.36 in) antenna up; 810 g (1.78 lb)
Bracket / activation	Category II manual release, P/N 9656; mounting hardware P/N 9657 (3 screws). Manual activation, or automatic on water contact once removed from the bracket (water activation is inhibited while stowed).
Expected service life	In excess of 10 years (EPIRB and bracket)
Warranty	5 years (2-year limited warranty, extendable by 3 years with product registration)
Approvals	Cospas-Sarsat Class 2; FCC ID B66ACRRLB-43 (GMDSS, 47 CFR Part 80 Subpart W); EU RED 2014/53/EU; UK RER 2017; Canada ISED 1322A-RLB43E1E2; U.S. Coast Guard accepted for marine use (46 CFR 161.011)
Supplied with	GlobalFix V6 EPIRB, Category II bracket, mounting hardware, user guide and labels

This Category II unit does not transmit an AIS locating signal. The FCC grant also states the equipment meets RTCM, IEC and IMO standards.

PRODUCT



CATEGORY II MANUAL-RELEASE BRACKET



BEACON, ANTENNA DEPLOYED