

BD406/PBD406

Emergency Beacon Locator

FEATURES

Real-time 406 MHz beacon monitoring by scanning up to 16 channels.

Displays 406 MHz frequency and decodes the full distress message.

Indicates the elapsed time since last message was received in seconds.

Sensitivity > -104 dBm / 1.4 µV / 50 Ω.

Computes and indicates via GPS the navigation route to the emergency beacons.

Tracks and identifies each target (up to 10 targets) and displays the 15 digit C/S Hex ID Code.

Qualified according to DO-160D standard.

NVG-friendly backlit Display

Power 9 V DC to 36 V DC (panel mounted) and AC adapter for portable system.

ARINC 429 output (BD406 only)

Weight of BD406 less than 2.4 lbs / 1.1 kg

Weight of PBD406 approx. 12.125 lbs / 5.5 kg



SPECIAL MISSION

OVERVIEW

The BD406 is a high-performance monitoring device that receives and decodes signals transmitted by emergency radios (ELTs for aviation use, EPIRBs for maritime use, and PLBs for personal use) during distress situations. The BD406 is intended for immediate and direct detection of distress messages (transmitted on 406 MHz). The BD406

decodes the positions of radio beacons contained in the transmitted message and shows its relative position. The PBD406 is the portable version of the BD406.

BENEFITS

- ▶ Direct navigation mode toward the position of the distress beacon.
- ▶ Complementary solution to existing homing systems without 406 MHz detection capability.
- ▶ Portable or panel mount 2 ¼ inch design.
- ▶ Highly sensitive decoder to receive distress signals over long distances and in adverse conditions.
- ▶ Displays the exact position and identity of the beacon.
- ▶ Optional for use as a SAR monitoring system for airport services.

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SPECIAL MISSION



TECHNICAL DATA

Family description for panel mounting

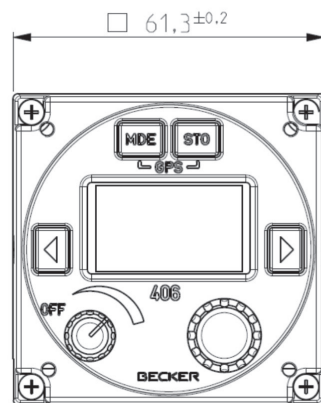
BD406-(001) Single Block 406 Beacon Decoder

BD406-(011) Single Block 406 Beacon Decoder, NVG compatible

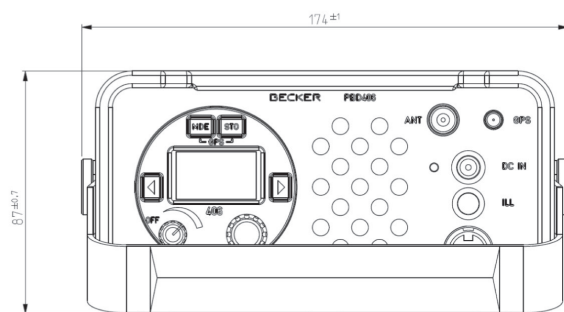
Family description for portable versions

PBD406-(001) Portable Single Block 406 Beacon Decoder

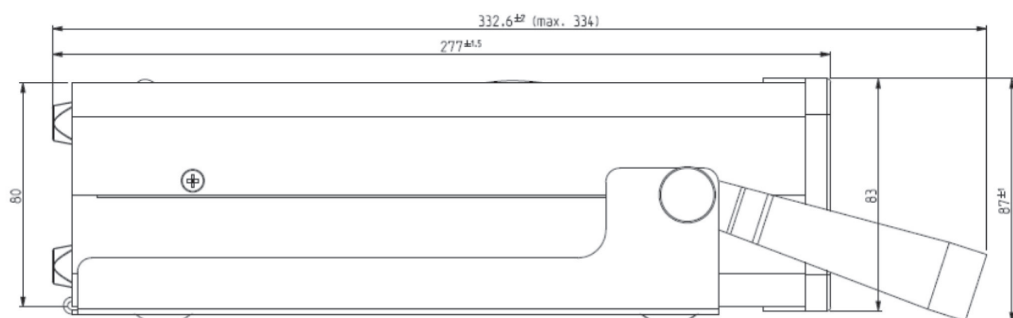
PBD406-(011) Portable Single Block 406 Beacon Decoder, NVG compatible



Front side of BD406



Front side of PBD406



Side view of PBD406

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