FAVRE-LEUBA
RAIDER BIVOUAC 9000
THE ULTIMATE INSTRUMENT FOR ALL ALTITUDES

Switzerland's second-oldest watch brand, Favre-Leuba, celebrates its 280th anniversary with a ground-breaking watch – the Raider Bivouac 9000.

The first mechanical wristwatch capable of measuring altitudes up to an incredible 9,000 m above sea level, this tool is an asset for explorers. The 48mm titanium case houses an aneroid barometer, which allows the watch to indicate the elevation at a given point by reacting to the air pressure surrounding it.

Drawing from its own past, when it was renowned for pushing boundaries and challenging frontiers, the Favre-Leuba brand keeps alive the vision of its founding fathers with the new model while paying homage to its namesake from 1962. The iconic watch, which is today a collector's piece, was worn by mountaineers, parachutists, and adventurers and recognised for being the very first mechanical wristwatch that could measure altitudes of up to 3,000 m.

The engineers at Favre-Leuba have now made an instrument inspired by this classic model and using the same reliable technology that is capable of measuring altitudes three times higher. A difference in air pressure of just 0.7 bar, which indicates a change in altitude of 9,000 m, can be measured precisely by the specially engineered capsule housed in the Raider Bivouac 9000. The central red altimeter hand indicates altitude gain in 50 m steps and goes up to 3,000 m in one rotation – upon completing three full clockwise turns, the subdial at 3 o'clock indicates the climb up to 9,000 m. The same subdial also carries the air pressure scale marked in hPa units, where the wearer can observe the changing barometric pressure. With this feature, not only does the wearer know the altitude above sea level, but they are also warned of any impending changes in the weather.

An increase in the air pressure, known to result in improved weather conditions, can be observed on the Raider Bivouac 9000 when the central red hand turns anticlockwise, while cold air results in lower air pressure, which is indicated by the hand turning clockwise. This reliable feature helps the explorer plan to continue the expedition or take shelter. Furthermore, the device is water-resistant up to 30 m.

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