

function or internal setting. This monitoring has no influence on the measurements which can be made at the same time. The meter sensitivity can be increased to detect small anomalies at survey time. Thresholds can be set to warn the operator of anomalies larger than any value on any channel to make sure that they are not overlooked in the field and any necessary detailing is done immediately. Many other convenient options can be selected by the operator if he chooses, but default options provide simple basic operation for the inexperienced operator.

Routine operation. In routine operation, the operator changes the label before moving to the next station. At the next station, he turns on the receiver, updates the signal gain if the signal overload indicator is on, and starts the stacking. He hears an audio tone during stacking that informs him when noisy samples are rejected (tone missing). After the preset averaging time, the data are recorded automatically. During recording, there is an other tone showing that the tape is engaged and moving. The receiver is then turned off, the label updated and the process is repeated at the next station. A helper carries the tripod mounted coil, sets it at every station and connects it to the receiver.

Physical specifications

- Weight: 11 kg (without battery)
13.6 kg (with battery) (30 lbs)
- Dimensions: 45cm x 33cm x 18.5 cm (17.5"x14.5"x7.25")
packframe mounted
- Batteries: 3 kg weight, rechargeable
24 hr continuous operation at 25°C
8 hr continuous operation at -30°C (with
internal case insulation in place, new
batteries with 100 recharge cycles or less)

Controls Recorded switch settings

- Label switches: 6 BCD digit sealed thumbwheel switches
- Signal gain: coarse and fine/ or automatic
- Input selection: Hz, Hx, Hy, Ex, Ey, CAL, Monitor, Enter option
(Hz measurement is the most common)
- Stacking time: 256, 512, 1k, 2k, ... 64k cycles or continuous
1, 2, ... 6, 8, 12, 16, continuous automatic repeats
- Accumulator gain: x1 or x8