

Portable mV mA 24V Signal Generator

BRT LB78

Main Features

- Built-in one-time quick-break fuse can avoid instrument damages caused in case of inserting probes into electric supply with 110V or 220V.
- Using stable and high reliable IC chips such as DA, reference voltage and operational amplifier to improve temperature stability of instrument and long-term aging performance.
- Simple button layout. Each functions has independent corresponding key, it is easily to be operated.
- Fast response and zero delay once pressing each button.
- Low power dissipation and long stand-by time.

BRT LB78 has almost all the main functions required for maintenance of PLC, DCS, ESD, field instruments, regulating valve and frequency converter, and it has long-term stability and high precision. It is characterized by safety protection, clear accurate LED display, small portable refined scratch-proof shell.

General Description

1. This generator has three functional gear in corresponding to functional buttons , and .

By pressing down either one of these three buttons, user can access to one function accordingly.

2. Battery capacity indication

When the battery capacity is lower than 3.5V, "LO" is displayed regularly on screen to remind user to recharge the battery. When the battery capacity is lower than 3.0V, it will be automatic power off to protecting the battery from damage. If user wants to know the battery capacity in normal operating conditions, pressing down ON/OFF power button can get power capacity of the battery. Usually if the voltage is higher than 3.9V, it indicates sufficient battery capacity, and if less than 3.6V, it indicates low power capacity.

3. Parameters auto-save in case of power off. In case of power off, this generator will automatically save all setting values, stepping values, and other parameters.

Function Instruction

Set Changing Steps

are both functional setting buttons and stepping setting buttons. When the generator is in one function status (e.g.: V/mV/mA output), press its corresponding functional button (e.g.: V/mV/mA button), user

4. Other Functions

1. Battery recharging and status indication. It can be recharged when it is in on or off states. In power-on states, "CHA" is displayed if charge is plugged in. In the state of power-off, there is no indication when plugging in the charger, but it is still be recharged and will be stopped to charge automatically after the battery is fully charged. Don not charge it after battery capacity is empty. It is required to be fully charged fully if it is not used for a long time.

2. Replace one-time quick-break fuse. The quick-break little fuse used is 1808/500mA , please use littlel brand in case of replacing it and must change into a quick-break fuse with specifications below 500mA and above 50mA.

