

The BB-02 back-up battery

During normal operation the BB-02 is supplied (or charged) by the car alarm power supply. If the voltage drops under 8.5V, the BB-02 starts to generate a voltage. Except for the acoustic siren, the BB-02 backs up all the functions of the car alarm. This also includes voice communication if an HF-03 handsfree set is attached. The back-up voltage is generated either for the duration of the car voltage supply outage or until the BB-02 is completely discharged. The car voltage supply is regarded as recovered when it exceeds 10 V. Fully charging a fully discharged BB-02 battery requires 5 days.

While testing it or being handled, it is possible to protect the backup battery from being completely discharged by briefly shorting the BB-02's terminals (the BB-02 has to be disconnected from the car power supply). This causes disconnection of the electronics inside. The electronics is reconnected by connecting the BB-02 to the car power supply.

Specification:

<i>Power supply</i>	12 -24V
<i>Back-up battery capacity</i>	400 mAh (at 9.3V)
<i>Back-up current</i>	max.20mA (when fully discharged)
<i>Outage detection threshold</i>	8.5V
<i>Generated back-up voltage</i>	9.3V
<i>Threshold for turning off power supply when discharged</i>	under 3.9V
<i>Maximum constant current of generated voltage</i>	400mA
<i>Consumption of BB-02 by itself (without being battery charged)</i>	<4mA
<i>Back-up duration</i>	at least 5 hours
<i>Lifetime</i>	2 - 4 years

The battery is supplied discharged!!!



Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the producer after use.