

Distributor:



- The connector of the vibrator cable at the back side of the clock must not be exposed for abnormal weight or stress of any kind to prevent damage of the vibrator connection and the function of SafeWake.
- If some part of SafeWake is damaged or an abnormal function appears, SafeWake has to be replaced. Contact your supplier.
- Do not open the black aluminium plate at the back side of SafeWake. The sensitive electronics and the battery can be damaged.



Bo EDIN AB develops, produces and sells wireless loop systems and assistive devices. The company was founded in 1965 and today the product range contains both own developed products (UniVox) and products from other companies. To guarantee a high quality all products are carefully tested. Exports accounts for more than 40% of the total turnover.

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**UniVox® SafeWake**  
Wakening device with vibrator and built-in  
emergency alarm indication

## Technical Manual

### What is a SafeWake?

SafeWake is a wakening device for hearing impaired and others who have problems to wake up - by their own alarm clock, by wakening devices at the hotel (TV or telephone) or by the emergency alarm. SafeWake consists of an ordinary alarm clock with a hard wired vibrator and a separate AC adapter. The SafeWake wakening device is kept in a small case for convenient transportation.



UniVox SafeWake

### How to set up SafeWake

Open the case and unpack SafeWake. Put the alarm clock by the bed, put the vibrator under the pillow and connect the AC adapter in the electrical outlet. If no electrical outlet is available near the bed SafeWake works fine with the built-in rechargeable backup battery. Please note, if SafeWake is used with the backup battery only, it has to be fully charged. SafeWake is charged by plugging the AC adaptor into the alarm clock and into an electrical outlet.

## How to use SafeWake

Set and activate the alarm from the back side of the clock as with any ordinary alarm clock. Please note, the top button on the clock must not be pressed down.

### For waking purposes

The alarm clock's acoustic alarm activates according to set time. The vibrator reacts to the acoustic alarm after a few seconds. The alarm signal ends when the top button is pressed down. The vibrations stop 5-7 seconds after the top button is pressed down. The SafeWake has no snooze function.

### For smoke alarm and emergency purposes

SafeWake reacts and the vibrator starts after a few seconds if the emergency alarm is activated. The acoustic signal from the alarm clock is not activated. The vibrations continue as long as the emergency alarm is active. The vibrator activates even if the top button already is pressed down and continues even if it is pressed down. After the emergency alarm has stopped the vibrations continue about 5-7 seconds before it stops. The electronic system in SafeWake is not sensitive to normal levels of talk, laughter, door knocks, TV- and radiosound or snoring.

## How to charge the battery in SafeWake

To maintain the maximum capacity it is preferred to use SafeWake along with the AC adapter. The built-in chargeable battery guarantees that SafeWake's reliability is retained if any loss of power appears. If there is no electrical outlet by the bed you can of course use SafeWake's own built-in chargeable battery.

**Please note, if SafeWake is used only with the backup battery, charging is needed at least 3 hours after maximum 12 hours use.**

For maintenance charging connect the battery to the AC adapter. SafeWake has a built-in protection circuit to prevent overcharging and you can therefore charge the battery without damaging the battery. To keep SafeWake fully charged for next guest it is recommended that SafeWake is stored in the case for maintenance charging at all time.

## How SafeWake works

At the back side SafeWake's alarm clock has a built-in microphone, which monitors sounds. If the sound has a certain frequency, level and continuance the electronics activates the vibrator. The vibrations awakes the sleeping person. The electronics is adapted in a way that it activates both from the acoustic sound of the alarm clock signal and the sound from the emergency alarm inside the room.

## Please note - some very important points!

**SafeWake has to be charged at least 12 hours before it is used for the first time. Every SafeWake has to be function tested together with the hotel's emergency alarm before it is used. The SafeWake should also be tested together with all other emergency equipment when they are regularly tested.**

- SafeWake is not an ordinary alarm, it only transforms the signal from an emergency alarm to vibrations so that a person suffering from a hearing impairment can be alerted.
- SafeWake cannot be used placed in the case, be covered with clothes or anything else. That can seriously prevent SafeWake's built-in microphone function.
- Always store SafeWake in the complying case to maintain and charge the battery when the bag is kept in the reception. SafeWake should not be discharged for a longer period than 1 month.
- Well maintained the built-in battery last for a long period of time. If the function of SafeWake start to deteriorate, the battery may need to be exchanged. Please contact your supplier to change the battery, do not try to do it yourself as sensitive electronics can be damaged.
- The alarm clock and microphone is working at least 12 hours when powered by the built-in battery. In an emergency alarm situation, the vibrator will work for at least 5 minutes, if the battery has been fully charged for less than 12 hours ago. The battery has to be charged at least in 3 hours to achieve full power.
- The vibrator has to be secured under the pillow otherwise the hearing impaired person cannot sense the vibrations.
- SafeWake can only be used with the AC adapter that is delivered together with it. If the AC adapter is damaged, order a new from your supplier.