

Operational Description:

This product is a wireless headset supporting Bluetooth functionality. The headset is designed with size, power consumption and functionality in mind. These are the main parameters Nextlink.to A/S believes the consumers focus on.

The headset support the specification v. 1.1 and thereby all mandatory functions plus some of the additional functions like volume control.

The headset design is based on a 2. generation (BC02) qualified chip-set from Cambridge Silicon Radio (CSR), which is again mounted on a qualified module design from Mitsumi (WML-10). In addition to this Nextlink.to A/S has added the necessary component to support headset functionality by adding a Codec, protection circuit, regulators, microphone, speaker and passive components. As mentioned earlier this was done having size and power consumption in mind.

The unit is powered by a custom made Lithium Ion Polymer battery. This battery delivers 3.6 volts and has around 120-130 mAh of capacity. The charging is done by a cradle, which has the charging circuit build-in. The charging time is around 1-1,5 hours.

The mechanical design origins from a teaspoon. Thereby it got its name BlueSpoon. The microphone is located in the little “nose” just beside the users ear. Using a uni-directional microphone gives a satisfying signal-to-noise ratio even in a noisy environment.

The unit is attached to the users ear by a spring that is bended along the cavum conchae and cimba conchae. This gives the user a good fit and makes the unit stable in the ear.

For detail on information on how the headset functions read the user manual.