

Iqua

Headrest Handsfree

"Snake II"

Product Specification

Version 0.4

Change history

Version	Date	Modified by	Comment
0.1	07.07.2005	RZh	Document started
0.2	7.9.2005	Valter Rönholm	Keypress length for entering Pairing-mode changed from "5 seconds" to "3 seconds" (in order to avoid confusing behaviour e.g. when pressing for 4 seconds). "Voice dial activation" changed from "2s press" to "short press" (in order to differentiate from "power off" 3s). Pairing PIN code changed from "1234" to "0000". Bluetooth name changed from "Iqua Snake II" to "Iqua Snake 2".
0.3	17.10.2005	Valter Rönholm	Resetting functionality removed altogether (as agreed on 13.10.
0.4	25.11.2005	huangzhiming	The battery type is Li-Polymer battery and the fully charged time.

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Product introduction



Iqua Snake II - Headrest Handsfree Iqua Snake 2, is a wireless Bluetooth enabled handsfree device for mobile phones enabled with Bluetooth technology. Snake II is designed primarily for in-car use and fixed to the headrest of driver's seat.

Snake II's neck part has a flexible mechanism, which make it possible to adjust it to user's height. The neck-part is bendable upwards by 90 degrees and downwards by 90 degrees. The device has rechargeable batteries. The battery type is Li-Polymer battery.

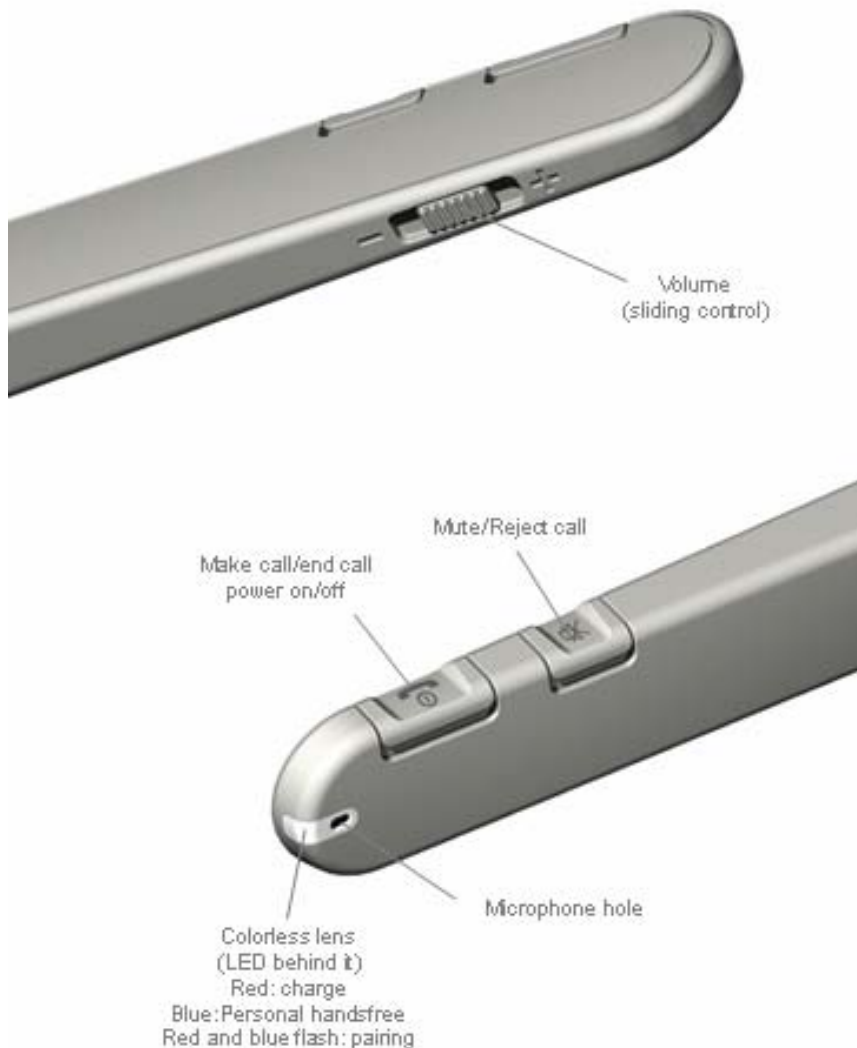
User interface

There are two LEDs (Red and Blue) with light guide to indicate different operational states. LEDs can light continuously or blink/flash.

User controls operations of Snake II with two **Push Buttons** by pressing them one at a time or both at the same time with different durations. The two push buttons are located on the upside of Snake. Volume adjustment is controlled by **Volume Slider** positioned in the downside of the product.

Microphone is used to get speech of user to phone call or with push-button commands make the phone call with voice activation.

Speaker plays ringing tone and signal sounds of mobile phone.



Battery charging

When the battery is low, the red light flashes every 3 sec. Battery is recharged by plugging the charger to charge connector of Snake II. Under normal conditions battery is fully charged within 6 hours. When battery is full, Snake II stops charging automatically.

During charging the red LED appears continuously. When battery is full, the LED light disappears.

Power on/off

The Snake is switched ON by pressing the **POWER/CALL** –button for 3 seconds. When power is switched on, blue light flashes for 5 times and beeps once.

The Snake II is switched OFF by pressing the **POWER/CALL** –button for 3 seconds. When the power is switched off, red light flashes for 5 times and beeps once.

Pairing with the mobile phone

Pairing with phone is made by pressing **POWER/CALL** -button and **MUTE** -button at the same time by 5 seconds when the device is in OFF state. The red and blue LED flash in turn to signal device is searching. When the mobile phone has found the handsfree, phone shows the name of obtained device "**Iqua Snake 2**". Pairing the Snake II with phone, user must select "**yes**" and enter passcode **0000**.

To mark as pairing is successfully completed during 2 minutes, Snake II beeps long once and starts blinking blue LED every 3 seconds to indicate Bluetooth connection active and Standby -status.

During pairing, the LED flashing continues for approximately 10 minutes or until the Snake II is connected to a compatible phone. If the Snake II can not be connected to the phone during this time, it beeps shortly three times with red LED blinks then the device is switched off automatically.

Incoming call

Snake II plays ringing tone of mobile phone from its speakers.

Answer call

Pressing **POWER/CALL**-button, user can answer the incoming call. The blue LED starts light continuously to indicate an active phone call.

Make phone call

Redial to last called number

User can dial to the last dialled number by pressing the **POWER/CALL**-button twice during 2 seconds. Then device beeps shortly and the blue LED lights continuously to indicate an active phone call. If second pressing is not occurred within 2 seconds, the device beeps two short beeps and goes back to Standby status.

Make the phone call with voice activation

User can activate the voice dial by pressing the **POWER/CALL**-button continuously for 2 seconds. Then device beeps shortly and user can speak the voice tag (previously recorded to mobile phone) within 2 seconds. After 2 seconds, device beeps shortly again and phone dials selected number. The blue LED starts light continuously to indicate an active phone call. If call command is not entered within 2 seconds or phone does not recognize the command, device beeps two short beeps and gets back to Standby –status.

End call

Press the **POWER/CALL**-button shortly once to terminate an active phone call. Snake beeps once and the blue LED stops continuous lighting and starts blinking every 3 seconds to indicate the Standby -status.

Reject incoming call

Press the **MUTE**-button shortly once to reject an incoming call.

Volume adjustment

Volume can be set by sliding **VOLUME SLIDER** towards left and right.

Switch Between Handsfree and Phone mode

You can transfer calls between the Snake II and mobile phone.

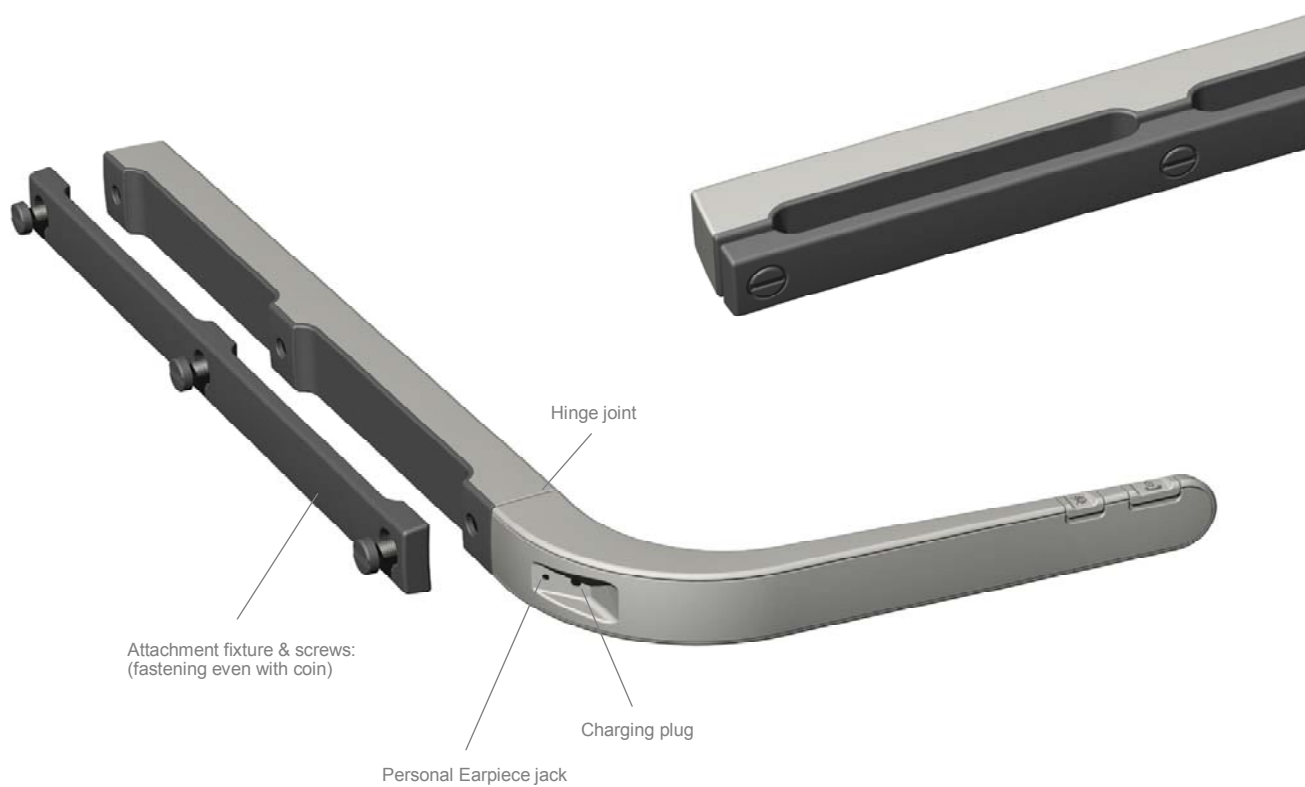
1. To transfer an active call from Snake II to the mobile phone, press and hold the **POWER/CALL** -button for 3 seconds.
2. To transfer an active call from your mobile phone to Snake, press shortly the **POWER/CALL** -button.

Note: This function is phone dependent. You may also transfer calls through the main menu of your mobile phone. (Please refer to the User Guide of your mobile phone.)

Indicator Lights

Dual-LEDs: blue and red

- Power on – blue light flashing for 5 times and beep once
- Power off – red light flashing for 5 times and beep once
- Pairing state – blue/red light flashing alternatively, the flashing continues for approximately 10 minutes or until the headset is connected to a compatible phone. If the Snake II can not be connected to the phone during this time it is automatically switched off.
- Connection active – Blue light flashing every 3 seconds
- Call end – beep once
- Low battery – red light flashing every 3 seconds
- Charging – red light appears continuously



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The style of communicating