

## ATTENUATION VALUES

### AK6591 with standard headband

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean att. (dB)	16.3	19.5	28.6	36.4	32.2	39.2	39.2	42.6	41.0
St. Dev	3.1	2.6	4.3	3.2	2.2	3.7	3.3	4.1	4.8
APV (84%)	13.2	16.9	24.3	33.3	30.0	35.5	35.9	38.5	36.2

### AK6592 with helmet mount

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean att. (dB)	13.3	19.5	29.3	32.6	31.5	37.6	38.7	41.5	39.3
St. Dev	2.3	3.5	3.2	4.3	3.0	3.7	4.6	3.7	4.7
APV (84%)	11.1	16.0	26.1	28.3	28.5	33.8	34.1	37.8	34.6

**⚠ WARNING** *The reported attenuation will only be obtained if the AK6591 and AK6592 are in good working condition and worn as directed.*

## MAINTENANCE AND CLEANING

Keep your ArborCom headset dry and clean. If necessary, moisten a cloth with soapy water to improve the cleaning operation. Alcohol may be used to disinfect the headset.

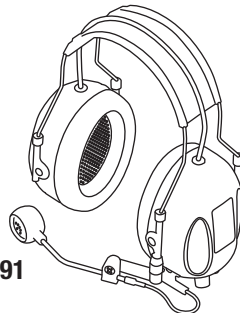
Do not immerse the ear muff in water or spill liquid on the attenuation foam inserts or the inner parts for the headset or the microphone. The earmuffs should be regularly inspected for damage or pollution. The ear cushions can be replaced with a Hygiene Kit (AK6501).

Fitting of hygiene covers may over the ear piece may effect the performance of the ear muffs.

## DECLARATION OF CONFORMITY

We the undersigned:

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AK6591

Declare that:

Models AK6591 and AK 6592 are manufactured in accordance with the following directives; EN 352-3:2002 and EN352-1:2002 to Directive 89/686/EEC

The headsets are tested according to EN352-3:2002 and EN 352-1:2002

EC Type Examination Certificate No. 26045KRS01, issued by Notified Body No. 0403:

Finnish Institute of Occupational Health,

Work Environment Department, Protection and Product Safety

Topeliuksentkatu 41aA

00250 Helsinki

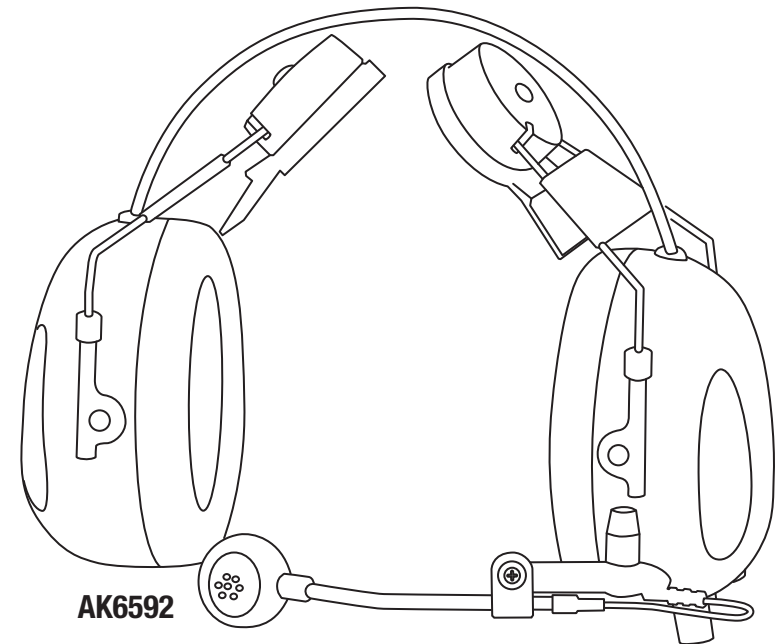
FINLAND

ARBORCOM HEADSETS ARE DISTRIBUTED EXCLUSIVELY BY **TREETOOLS NEW ZEALAND**



# Climber-to-Ground Communication

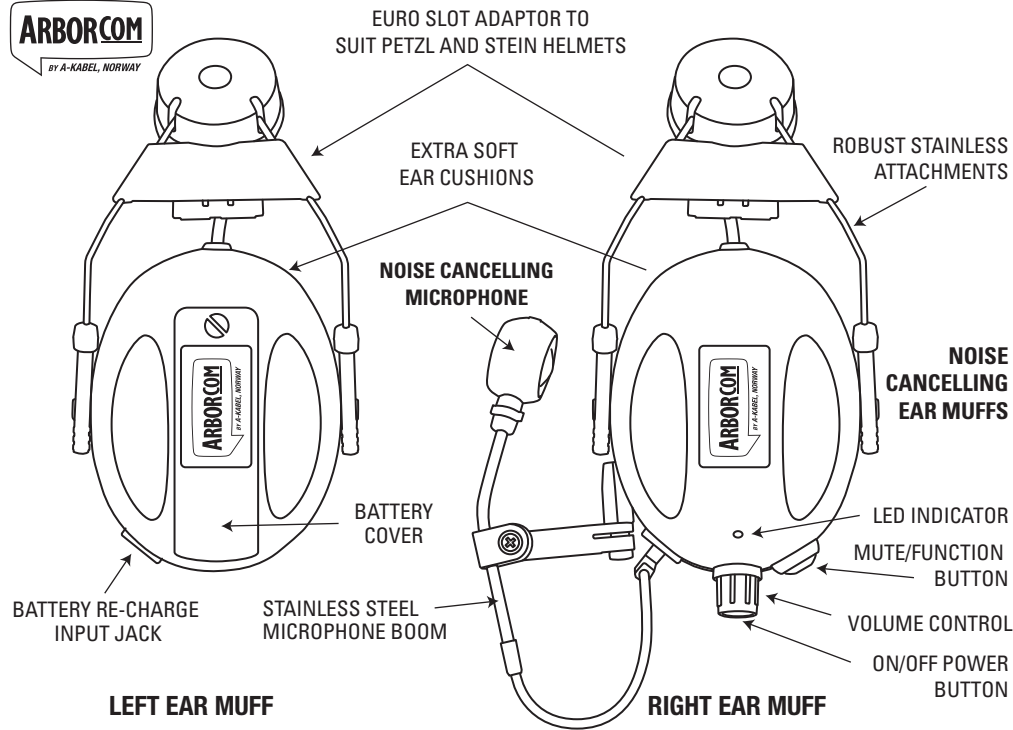
## AK6591 & AK6592 Bluetooth Noise Cancelling Headsets



AK6592

# USER MANUAL

 **Advanced Bluetooth Communication: up to 200m range**



## GETTING STARTED WITH YOUR NOISE CANCELLING ARBORCOM HEADSET

To get the most out of your ArborCom headsets please ensure the batteries are fully charged and the ear muffs are fitted correctly to your helmet.

Basic instructions for getting started with your ArborCom headset are listed below.

### Powering up your ArborCom Headset

- Press in ON/OFF power button located in the end of the VOLUME CONTROL knob.
- You will hear a BEEP sound and LED INDICATOR will flash green

### Powering down your ArborCom Headset

- Press in ON/OFF power button located in the end of the VOLUME CONTROL knob.
- The voice will say 'TURNING OFF' and the LED INDICATOR will cease flashing.

### Adjusting the volume on your ArborCom Headset

- Rotate the VOLUME CONTROL clockwise to increase volume and counter-clockwise to decrease.

### Microphone Mute

- Press the MUTE/FUNCTION button to mute the noise cancelling microphone. You will hear a confirmation BEEP.
- Press the MUTE/FUNCTION button to return to normal operation.

## 'PAIRING' YOUR ARBORCOM HEADSETS

ArborCom headset are designed to work in PAIRS with an operating range of up to 200m (maximum two headsets).

Your ArborCom headsets should be PAIRED when you receive them from Treetools. If you ever need to PAIR the headsets again the procedure is as follows. *Keep the headsets on your head or hold them so you can hear the loudspeaker during the PAIRING process.*

### Step One: create a 'Gateway Headset'

- Push the MUTE/FUNCTION button and keep it depressed while you push the ON/OFF power button.
- You will hear a high-tone BEEP (on signal) followed by two low-tone BEEPS (there will be 2-3 second delay between the BEEPS).
- Release the ON/OFF button first and then release the MUTE/FUNCTION button.
- This headset is now programmed as the GATEWAY HEADSET

### Step Two: create a 'Slave Headset'

- Push the MUTE/FUNCTION button and keep it depressed while you push the ON/OFF power button.
- Release the ON/OFF button first and then release the MUTE/FUNCTION button when you hear the high-tone BEEP (on signal) followed by ONE low-tone BEEP (there will be 2-3 second delay between the BEEPS).
- Communication will be established after 10-20 seconds.
- This second headset is now programmed as the SLAVE HEADSET.

**⚠** Programming your ArborCom headsets only needs to be done ONCE. The Bluetooth connection remains in place even when the device is turned off and then back on.

## 'PAIRING' YOUR ARBORCOM HEADSETS WITH A BLUETOOTH-CAPABLE CELLULAR PHONE

Your ArborCom headset can be paired with a cellular phone but not at the same time as another ArborCom headset. The phone will always be the GATEWAY HEADSET and ear muff itself should always be programmed as the SLAVE HEADSET.

- Put your cellular phone in SEEKING MODE (Seeking other Bluetooth Devices)
- The phone will ask you to enter the code: four zeros (0000).
- 'Free2Move' will appear on your mobile phone display when the two products are PAIRED.
- The phone must be within a 10m range of the SLAVE HEADSET at all times.

## CHANGING THE BATTERIES

Your ArborCom headset comes complete with two re-chargeable AA batteries (HR6) and a 240-V re-charging unit. Standard AA batteries will also work with your ArborCom headset Using full duplex communication a pair of batteries will last about 10 hours depending on the quality of the batteries.

- To access the batteries, unscrew the plate on the left hand ear muff.

### **⚠** WARNING

Only use the original battery recharger enclosed with this package. **DO NOT** use non-rechargeable batteries together with the charger! It is normal for re-charging to take up to 6-8 hours