

DOUBLING

BENEFITS OF DOUBLING UP

- **Typical shotgun impact dB level is about 155 on average and pistols are about 140.**

Don't get caught up in the exact numbers here, what is important is that they are both crazy loud and when you add in echoing from an indoor range, hearing protection becomes real serious, real fast.

Using earmuffs and earplugs for shooting is always recommended. The benefit is more than simply an increased Noise Reduction Rating (NRR). While increased NRR is important, doubling also protects your hearing when you unconsciously move your earmuffs to the side to communicate or to adjust and someone near you fires a round. Impact sounds that are too high along with the concussive effect will both be reduced. Earplugs alone will not protect you from the concussion effect of an impact blast because they do not have enough mass, especially indoors.

How much protection does doubling up give?

The increase in NRR is about 3 to 5 dB more than the highest rating, depending on the combination you use. With the combination of the AK earmuff and the Blackout earbud, your Noise Reduction Rating will increase 5 dB resulting in an impressive 30 dB NRR. This is very impressive since the scale that dB is measured is exponential, meaning that for an

increase of 5 dB, the amount of energy that is damped is more than double. This does not happen with every pairing so please do not apply to every combination of earbuds and earmuffs. The Blackout and the AK earmuffs have been designed to work together acoustically.

- **Why is the AK brand the right choice?**

100% designed for shooting from the cup design, headbands of the earmuffs to the eartips and earbud designs of the earbuds. The AK earmuff, Cadre earmuff, Strike PRO lanyards, and Blackout earbuds have all been designed from the ground up as shooting sports hearing protection without the hear through technology engaged.

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TECHNICAL DATA: AKT1 Sport™ Blackout

Earbud body: ABS, Ear tip Material: Polyurethane Foam, Thermoplastic Elastomer core.

Tested and approved in accordance with ANSI S3.19-1974 Standard at Michael & Associates, Inc. (in passive mode, electronics switched off)

may not be an accurate indicator of the protection attainable against impulse noise, such as gunfire. Constant or repetitive exposure to impulse noise may lead to serious injury, including temporary or permanent deafness. The Noise Reduction Rating (NRR) calculated from the attenuation data is 25 dB. Ear tips must be properly chosen and earbuds must be properly fit to attenuate noise effectively. Refer to instructions.

WARNING: The output of the electrical audio circuit of this hearing protector may exceed the daily limit sound level if worn for more than 8 hours.

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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure

headbands that don't really fit for standard, or cushions that

deteriorate and don't work anymore, or assembly processes

that sacrifice quality for cost. Each earmuff, lanyard, and

earbud are performance tested before it is packaged.

100% inspection. 100%. Safety equipment is serious and

worth investing in.

TEAM AKT1 SPORT

The BLACKOUT and BLACKOUT EARBUDS CONTINUE THE TRADITION OF LASER FOCUSED SHOOTING SPORTS PRODUCT DEVELOPMENT. YOU WILL FIND THESE EARBUDS AND EARMUFFS THE MOST INTUITIVE IN TERMS OF FIT, OPERATION AND FUNCTION MAKING THEM ULTIMATELY SAFER AND MORE USEABLE THAN ALL OTHERS.

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BLACKOUT
SAFETY EARBUDS

USER INSTRUCTIONS

www.AKT1SPORT.COM

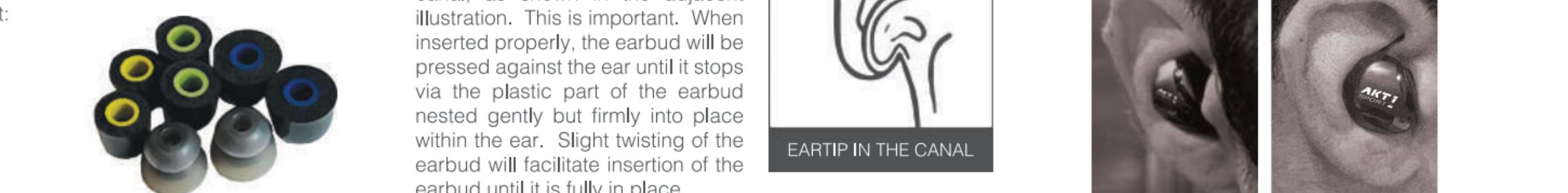
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The Blackout Earbuds are designed specifically for shooting sports.

KEY BENEFITS

- Provides hearing protection from impact noise induced hearing loss while allowing critical communication and Bluetooth connectivity.
- Foam ear tips are for hearing protection.
- Silicon ear tips are for lifestyle usage only, not for impact noise protection.
- Green core foam tips are affixed when you take the product out of the case.
- Superior fit, flatter attenuation for better communication, control system intuitiveness, long term comfort, long battery life, better indoor and outdoor range use, and an excellent general use lifestyle earbud.
- Choose the largest size that fits most comfortably for a secure fit:
- Can be worn UNDER an earmuff to increase hearing protection in indoor shooting ranges and other situations where necessary or desired.
- Blue = Large**
Green = Medium
Yellow = Small
- Note: You should ALWAYS "double up" at an indoor range for maximum hearing protection.



FIT

Fit and comfort are the most important part of use with all hearing protection. Fit is determined by the design of the earbud combined with the choice of the proper ear tip. Each user's ear canal is a different shape & size, try all the sizes to find the fit for you.

- The recommended fitting procedure is to start with the affixed green core foam tips. Take the earbud marked R and with your right hand insert fully into the right ear canal with back and forward twisting motion, simultaneously pointing the tip voice prompt, Low, Medium, and High. After the highest volume is reached, the prompt will change to a high-pitched double chirp indicating that the highest hearthrough volume has been reached.
- If you Bluetooth streaming volume is high, the HearThrough volume will need to be turned up to be audible. This is achieved via double tap on the right earbud to raise the volume and double tap on the left earbud to lower the volume.
- The earbuds will flash red initially when the case is opened. Green for one second on start-up and finally only the right earbud will flash green to indicate it is discoverable. Bluetooth/Hearthrough and Range Noise Suppression are auto-on when the case is opened.
- The Blackout earbud is a hearing safety device and not designed to provide sound or above the range that causes hearing damage. If you find that the HearThrough levels are too loud enough when streaming music turn the music down. With hearing protection, less is more.

HOW TO FIND THE RIGHT FIT

PHONECALLS

PAIR YOUR BLACKOUT EARBUDS WITH YOUR DEVICE

HEARTHROUGH VOLUME CONTROL

CHARGING CASE

INSIDE THE BOX

CHARGE INDICATORS

EARBUDS

KEY BENEFITS

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