



BAO
SERIES

**CONCEPT AND
TECHNOLOGY**



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SURVEILLANCE OF LAW ENFORCEMENT BY CITIZENS

Centurio Design® dispels some misunderstandings about our "Electronic Irritation Devices® (EID®)" such as our BAD® series products.

Centurio Design® sees Electronic Irritation Devices® product groups, including the BAD® series, in line with items such as pepper sprays, batons or other less-lethal Weapons. These are to be used before the use of firearms or explosives based irritation devices (Distraction Devices / "Flashbangs"). The use of EID's in conjunction with less-lethal and lethal devices is possible and make total sense. In principle, it should be noted first that the BAD® series does not have the same effect as irritation devices based on an explosive charge such as Distraction Devices or "Flashbangs". BAD® series devices use no pyrotechnics and only use LED and sound technology. The effect is fundamentally quite different and is only effective when you have trained and understood the concept. The irritation begins and creates a distraction not only by the strobe and sound, but also by the fact the suspect does not know what the device is. The light flashes and the shrill noises make sure that the suspect is completely distracted from the actual situation. This is enough for a trained law enforcement officer / operator to negate the threat and clear the room or subdue the suspect.

With today's easy access to the internet and smartphones, citizens are closer than ever to being able to reach out to their community and the world by sharing videos and information across all social media. With this, there is a greater push from the public to see that officers and operators are taking precautions to not endanger or harm it's law abiding citizens and to also show the ability of escalation of force in different scenarios. Today it is important for any law enforcement department to have public image in mind and to mitigate any thought of excessive violence as any law enforcement officer / operator may be filmed and photographed by the citizens and that media can be published directly to social networks and a can be easily presented as "fact" without a reasonable way for the officer / operator or department to defend it.

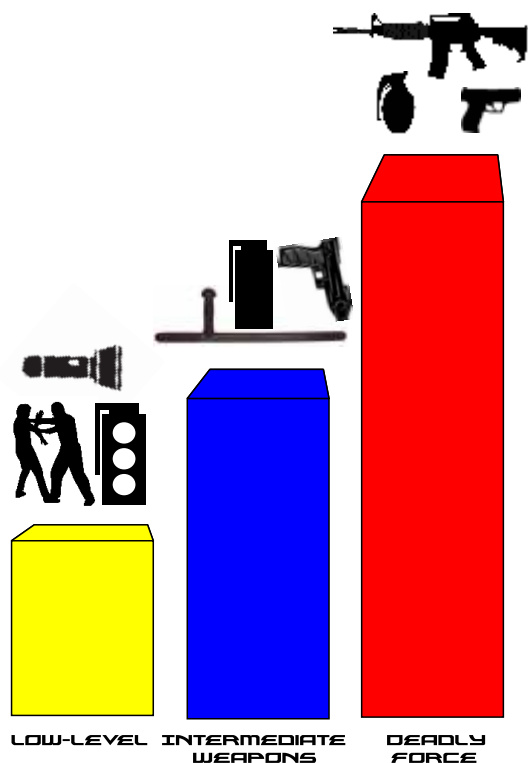


This can still be the case with "less-lethal weapons". The right amount of violence in any situation can be hard for the public to understand. This scale is sometimes very hard to keep up. With the products made by Centurio Design® like our "Electronic Irritation Devices® (EID®)" and with our technology called "Lightning Less-Lethal Weapons® (LLLW®)" we can almost guarantee that. The BAD® series devices are without a doubt the only less-lethal devices which may not cause any physical damage such as burns or injury to the skin or eyes.

Third parties and human rights organizations cannot claim that the use of the BAD® series or other light based irritation devices are against human rights or excessive because at no time is there a threat to the body. The BAD® series also has great uses in areas where no explosives based irritation devices can be used such as gas stations, nuclear power plants, chemical facilities / laboratories, oil rigs, vessels, and also airplanes, etc. Or in sensitive operations such as in schools, hospitals, churches and so on. These are the perfect places and jobs for the BAD® series. Lastly, one more clarification on the BAD® series devices. The BAD® series devices are not offered to replace other NFDD's but to be used as an option in your tool kit. We understand there will always be a time and place to use flash bangs and other NFDD's. We felt it was necessary in today's environment to offer an alternative and we have brought that to market with these BAD® devices.



WE ARE BELIEVERS OF "LEVEL OF FORCE" STRUCTURE



The use of force involves the use of physical restraint – usually by a member of members of a law enforcement agency such as a police force – to gain control of an unruly person or situation.

LOW-LEVEL using of self-defense (hand-to-hand) techniques and lethal-lethal devices, flashlights, non-explosives based irritation devices (distraction devices / "flash-bangs") on a subject

INTERMEDIATE WEAPONS using of chemical, electronic, explosives based irritation devices (distraction devices/ "flash-bangs") or impact weapons on a subject

DEADLY FORCE using any force likely to cause permanent injury or death to a subject

PROS AND CONS OF USING AN ELECTRONIC IRRITATION DEVICE OR A FLASHBANG

YES or NO Questions	Distraction Devices (Flashbang)	Electronic Irritation Devices (BAD® Series)
Use of open Fire / Flames	YES	NO
Can you use than more as 100 times without reload?	NO	YES
Use of Explosives?	YES	NO
Can you use than for example at a Petrol Stations etc. ?	NO	YES
Special Storage?	YES	NO
Dangers for the user?	YES	NO
How much cost the spare parts for each reload? Less 6,00€ (\$10.00)?	NO	YES
Dangers for the Suspect?	YES	NO
Can use as twice in real OPS and training device?	NO	YES
Use in Public / Crowds without risks for non-suspects?	NO	YES
Is it dangerous for children?	YES	NO
Cost-effective	NO	YES

TWO GREAT EXAMPLES... THE BIG BOY AND THE LITTLE BOY TOGETHER!



The Baffled Advantage Device (BAD®) series is the FIRST and ONLY Real LESS-LETHAL Flashbang in the World! a revolution in the world law enforcement market, and a world patented product. CenturioDesign®, the world's leading manufacturer of Tactical Assault Strobe Lights, has spent years in the development and research of the BAD®. In the last few years tactical law enforcement units around the world have used greater numbers of flashbangs in different situations, but in most of the world an officer has the order to protect the life of the suspect / criminal, too.

What is the reason to use a flashbang?

It is only to confuse and to disorient the suspect during a tactical entry and to use the shock-induced moment to capture him and to bring him to justice. Since we have had several gunmen in schools worldwide who shoot, kill and wound many students and teachers. The first law enforcement responder has been Patrol Officers. At last we now have a new tool for them, too, to use! Use of the BAD® will eliminate suspect injuries in tactical situations! Also the BAD® is perfect for missions in industrial areas.

We have two models

1) Model: BAD® Heavy®, has light and sound effect and has a big and larger body.

2) Model: BAD® Little Giant®, has light and no sound effect and its size is much smaller. The model is also for the Civilian market available.

Model: BAD® HEAVY®
 Size: 55mm x 120mm
 Weight: 500 grams (without batteries)
 520 grams (with batteries)
 Shock-Isolated Bulb
 Illumination: 18 CREE LEDs
 Color: Black
 Illumination: CREE LED Bulb
 Power Supply: 2 x CR123A 3V Lithium Batteries
 Operating Range: -40 to +60 C
 Light output : approx 2,520Lumen
 Sound: single speaker, dual output levels, range approx 135-175 db
 Precision-machined Aircraft Aluminum

Model: BAD® LITTLE GIANT®
 Size: 40mm x 110mm
 Weight: 450 grams (without batteries)
 470 grams (with batteries)
 Shock-Isolated Bulb
 Illumination: 9 CREE LEDs
 Color: Black
 Illumination: CREE LED Bulb
 Power Supply: 2 x CR123A 3V Lithium Batteries
 Operating Range: -40 to +60 C
 Light output : approx 1250 Lumen
 Precision-machined Aircraft Aluminum

Visit our website „CenturioDesign.com“
 „RESOURCES“ and use our **FREE OF CHARGE E-SCHOOL** to learn more