

Tactical Hearing Protection System (THPS) User Information

BU Basic User Every one will be issued a (BU) layer of hearing protection available in small, medium and large. The 3 systems (3M, Surefire and MCL) pictured below provide a limited amount of Situational Awareness (SA) by allowing the user to choose between two modes, open and closed, via either a plug or rocker switch.

Open Mode - is to be used when SA is a priority. In open mode hearing will be protected from impulse noise (eg weapon firings) but only low levels of continuous noise protection is given.









Closed Mode - is to be used in continuous noise environments eg in or around vehicles, aircraft, plant and tools. If there is no requirement for SA then operating in a closed mode offers the highest level of protection.

SU Specialist Users who require a higher level of hearing protection than the BU systems can provide are to adopt the dual layer solution by placing the ComTac XP hearing protection (in **plug mode**) over the top of a single layer (in **closed mode**). The SU ComTac XP hearing protection integrates with in-service communications equipment via a drop down lead and replicates external SA noise by an electronic microphone on the shell of the headset and an internal speaker.

Warning: It is users responsibility to understand what configuration standard the weapon system is at and how it affects the hearing protection requirements.

Hearing Protection Options

General Service		BU			SU
GS Ear Plug	Peltor Ear Muff	3M CAEP v4.1	Surefire EP4	MCL TIPPS	ComTac XP
					
The Quick Reference Codes will take you to a video which shows how to correctly fit each BU hearing protection solution. To use QR Codes you must have a smartphone equipped with a camera and a QR code reader. If you need to download a QR Code app all you have to do is visit your phone's app store (examples include the Google Play Store, Apple App Store, Blackberry App Works etc).					

Weapon System	Configuration		
	5.56mm SA80 L85A2	Standard/Surefire FH/ SBFS/Blue Bolt	<p>GS Ear Plug (Yellow Foamy) or Any THPS BU System in either open or closed mode or Peltor Ear Muff or THPS SU (Com Tac XP)</p>
	5.56mm LSW L86A2	Standard/SBFS	
	9mm Glock 17 L131A1 9mm Sig L105A2	Standard/Blue Bolt	
	37mm Less than Lethal Gun L127A1 37mm Riot/L104A2	Standard	
	40mm Underslung Grenade Launcher L123A2	Standard	
	7.62mm General Purpose Machine Gun	Standard/Surefire FH/SBFS	
	12 Bore No 9 24g	Standard	
	22 Anschutz Biathlon	Blue Bolt	
	22 Rifle No 8	Standard	
	7.62mm Cadet Target Rifle	Standard	
	5.56mm LMG L110A2	Vortex	
	7.62mm Sharpshooter LM7 L129A1	Surefire Suppressor	
	7.62mm Sharpshooter LM7 L129A1	Surefire FH	
	5.56mm LMG L110A2	Birdcage	
	5.56mm Carbine L22A1	Standard/Surefire FH	<p>GS Ear Plug (Yellow Foamy) or Any THPS BU System in the closed mode or Peltor Ear Muff or THPS SU</p> <p>If there is a requirement for situational awareness then firers must wear dual layer hearing protection</p>
	Sniper Rifle .338 L115A3	Standard Suppressor	<p>Dual Hearing Protection required: GS Earplug / Any THPS BU in the closed position worn with Peltor Ear Muff or THPS SU</p>
	NLAW	Standard	
	Javelin	Standard	
	ASM	Standard	
	60mm Mortar		
	81mm Mortar		
	12.7mm Heavy Machine Gun	Standard Blank Barrel	
	40mm Grenade Machine Gun L134A1	Standard	

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GS Ear Plug	Peltor Ear Muff	3M CAEP v4.1	Surefire EP4	MCL TIPPS	ComTac XP
					
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Weapon System	Configuration	
   	4.6mm Heckler & Koch MP7 9mm Heckler & Koch MP5A3 9mm Heckler & Koch MP5K 9mm Heckler & Koch MP5SD	Standard
	5.56mm Diemarco C8 (16") L119A1	Standard
 	12.7mm AW50 L121A1 12.7mm LRPAS L135A1	Suppressor
	7.62mm Counter Terrorism Sniper Rifle L118A1	Standard/Suppressor
	12 Bore Shotgun L32A1	Standard
   	5.56mm Diemarco C8 (10") L119A1 5.56mm Diemarco C8 (16") L119A2 5.56mm Diemarco C8 (10") L119A2 5.56mm Diemarco C8 (10") L119A2	Surefire Suppressor/SBFS/BFA Blue Bolt Surefire FH/Blue Bolt/Surefire Suppressor/SBFS/BFA Blue Bolt
 	7.62mm Heckler & Koch 417 (12") - L2A1 7.62mm Heckler & Koch 417 (16") - L2A1	Suppressor Suppressor
	7.62mm Stoner SR25	Standard
	7.62mm Fabrique Nationale Minimi	Standard
 	12 Bore Shotgun L74A2 12 Bore 7.5 24g	Standard
 	9mm Glock 19 L137A1 9mm Walther P5 Compact L102A1	
 	5.56mm Diemarco C8 (10") L119A1 5.56mm Diemarco C8 (16") L119A2	Surefire FH/Birdcage
       	5.56mm Diemarco C8 (10") L119A2 5.56mm Heckler & Koch HK53 - L101A2 7.62mm Heckler & Koch G3K - L100A2 7.62mm Heckler & Koch 417 (12") - L2A1 7.62mm Heckler & Koch 417 (16") - L2A1 7.62mm Heckler & Koch 417 (20") - L2A1 12.7mm AW50 L121A1 12.7mm LRPAS L135A1	Standard Standard Standard Standard/Surefire FH Standard/Surefire FH Standard/Surefire FH Standard

GS Ear Plug (Yellow Foamy) or Any THPS BU System in either open or closed mode or Peltor Ear Muff or THPS SU (Com Tac XP)

GS Ear Plug (Yellow Foamy) or 3M CAEP v4.1 in either the open or closed mode or Any THPS BU System in the closed mode or Peltor Ear Muff or THPS SU

GS Ear Plug (Yellow Foamy) or Any THPS BU System in the closed mode or Peltor Ear Muff or THPS SU
If there is a requirement for situational awareness then firers must wear dual layer hearing protection

Dual Hearing Protection required:
GS Earplug / Any THPS BU in the closed position
worn with
Peltor Ear Muff or THPS SU