

# XMOD System Brief

## Produced by XMG



The XMOD System is the next step in the evolution of the magazine pouch. It was created to address current deficiencies and be a combat multiplier during engagements, giving the tactical operator superior speed in their rifle magazine exchange.

The XMOD System was designed to easily adapt to an operator's existing wearable ensemble via a MOLLE-adaptable mounting plate to replace the existing magazine soft-pouch setup. The mount can also be attached to a static fixture, for example, a vehicle or wall, to use as a backup or storage supply for loaded magazines that are instantly deployable.

XMG has invented, designed, and is launching the first in a series of modular equipment platforms designated as the XMOD System. This modularly attached magazine carrier product minimizes the window of vulnerability all Soldiers/warfighters and law enforcement officers experience while under fire and their primary rifle has an empty magazine. The design and intent of the XMOD System is to compress the transition time in reloading magazines during operations. The XMOD System's design also addresses current issues regarding operational storage, transportation, and distribution of small and large-scale inventories of readily deployable magazines and ammunition, streamlining the process and making logistics more economical, expeditious and simplistic. The XMOD System addresses several current shortfalls faced by tactical and non-tactical operators.

XMG has "unofficially" conducted its Alpha and Beta testing with the United States Marine Corps. The USMC has stated through their research that the standard non-combat MOS individual takes **42.5 seconds** to engage a new magazine into their rifle once they have realized their rifle has expended all ammunition. The XMOD System has shrunk that window to **less than 2 seconds**.



**XpaK** Highly durable, spring-loaded case with a capacity of 7 GI/STANAG or 6 plastic AR15 patterned mags. Mounts in 4 positions on the Delta Plate via the CONNEX interface. Interlocking 'X' feature allows for stacking multiple XpaKs for transportation or storage. For full list of design features, please visit our website.

Universal mount for the XMOD System **Delta Plate** that can be installed into MOLLE webbing or mounted on a flat surface. CONNEX interface allows components to be auto guided into the retention lock for positive engagement.

Videos

Contact

For more detailed product information, please visit our website.



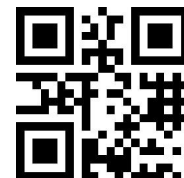
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XMG Website



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### Use scenarios (based on user feedback):

Interior/Exterior vehicle and wall mounting: Amphibious Assault Vehicles, BearCats, MRAPs, SUVs, LE Squad Cars, Helicopters, Humvee 50 Cal turrets, FOB armory walls for inventory management/instant deployment, guard posts, fall back position cache, Embassy armory, guard shack, ATVs, Rapid Assault Vehicles/Side-by-Sides, Ultra-Light Combat Vehicles, etc.

On Person Mounting (based on user feedback) - requires 4 sticks wide of MOLLE and 3 rows tall:

User definable placement of where to mount. On plate carriers( front center, rear top center of plate carrier near grab handle, lower back near dump pouch, etc.) Gear bag, backpack (interior/exterior)

Storage: Stackable with X-nesting feature. Can stack up to 10 XpaKs high for non mobile storage.

Transportation: Stack up to 5 XpaKs with X-nesting feature and apply a binding strap or ratchet strap to lock together for transportation. (XMG will be releasing a carry handle binding strap in a future product release).

### Physical specs:

XpaK weight: 3.4lbs                      Delta Plate weight: 0.6 lbs

XpaK Dimensions: 9" x 9-7/8" x 4"

Delta Plate Dimensions: 5-1/4" x 7-7/8" x 7/8"

### Material specs:

TAA/Berry Compliant, all virgin materials sourced Domestic US.

All Screws are Stainless Steel and Phosphate Coated for Anti-glare.

Proprietary Nylon 6/6 with short glass fiber and UV resistance, The specific plastic is already used in military applications.

XpaK main spring is Stainless Steel 107, heat treated and made specifically for the XpaK with 30lb compression force.

2 additional internal springs within Delta Plate are Stainless Steel.

### Design Features:

Ambidextrous. User definable orientation of magazines within the XpaK unit. Orientation of the XpaK on the Delta Mount is user definable with mounting options of 12, 3, 6, 9 o'clock positioning. User definable placement of Delta Plate for wall/vehicle/static mounting or mount to MOLLE webbing. MOLLE webbing retention hooks. Drainage holes. Phosphate coated Stainless Steel Screws for non-glare. Hand cutout at XpaK opening used for indexing hand on purchase of magazine for consistent placement and thumb alignment for bolt release of rifle. Semi-Nesting feature for stackability. CONN-X design allows for quick attach/detach with auto positioning and audible "click" for retention lock with quick release button. Aggressive inset texture on front face of XpaK unit for positive finger grip for gloved/non-gloved hands yet smooth slick positive surfaces to allow gear/debris to quickly move along surface to prevent texture snag of additional gear. XpaK has 150-200lb break-a-way feature from Delta Plate so other gear failure, hand-to-hand combat or mission failures reduce potential of injury or bodily harm to user. Field tested the top 40 Nylon 6/6 plastics commercially available for highest impact resistance and specific ductile failure (if single or multiple rounds penetrate the XpaK unit, they punch clean holes and do not fracture, crack or melt the plastic into the interior of the XpaK causing an impingement on the follower). It's designed and engineered to take rounds and still function. R&D ballistics testing at 8yds and requirement to take 3 rounds of each ammo independently and still function: 9mm NATO, .40, .45, 5.56 NATO, .223, 7.62x39, .308, 7.62 NATO and 1 direct hit of 00 Buck 3" shell at 10yds.