



Turnkey overmolded and overbraided factory assemblies

Mighty Mouse 807: The NATO 4695 Standard

The worldwide (NATO) quick-disconnect, open-system standard for tactical soldier battery and C4ISR device interconnection

The STAR-PAN™ System grew out of capabilities gained by designing Mighty Mouse 807 into a broad range of soldier electronic devices and power supplies. Today, the Mighty Mouse 807 QDC dismantled soldier interconnect has both US and NATO STANAG 4695 compatibility—with broader battlefield application than all other tactical soldier connectors combined.

NATO 4695

Fully validated in battlefield conditions, NATO STANAG 4695 defines the standard dismantled soldier power connector interface (data standard pending). Interoperability with this open-system standard allows soldiers from different nations to share battery supplies and battlefield data, either directly or via available adapters. NATO STANAG 4695 ensures soldiers experiencing low battery power have greater likelihood of obtaining energy in the field from both national and NATO coalition primary or secondary power sources, reducing the logistical burden on the soldier while enabling prolonged mission duration and mission success.

Peripheral Device Interoperability

Due to the broad range of devices employed in ground-force missions, an open system architecture is vital. All STAR-PAN hubs, cables, and new Mission Manager utilize this US and NATO standard quick-disconnect connector interface as well as its power and data pin assignments. In fact, the 807 Mighty Mouse QDC has become an enabling technology which directly contributes to the easy integration of peripheral devices across the broad range of systems.

Validated and enhanced over two decades of battlefield use, the 807 Mighty Mouse QDC has changed the landscape regarding interoperability and interconnect standardization. As more branches of the military—both US and NATO—adopt this key technology, the flexibility and versatility of C4ISR soldier systems is significantly improved, allowing these devices and the soldiers who use them to more consistently contribute to mission success.



Mighty Mouse 807 in action on Glenair STAR-PAN II

Mighty Mouse 807: NATO-standard, open-system interconnect interface for C4ISR-equipped warriors



Cable Plug



Cobra Plug



Panel Plug



Cable Receptacle



Panel Receptacle



Hermetic Receptacle



STAR-PAN™ tactical soldier radio data/power setup with Mighty Mouse 807-equipped radio power booster

Kägwerks ruggedized EUD case with Mighty Mouse 807 dongle

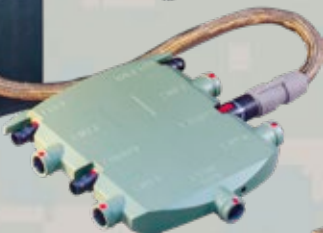


Ultralife lightweight wearable battery with Mighty Mouse 807 panel mount receptacle



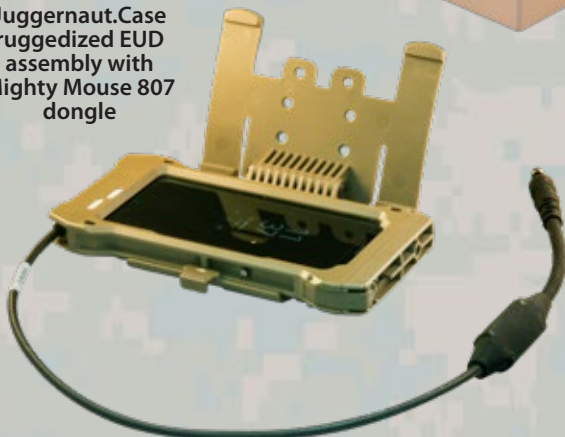
Inventus Lithium Ion conformal battery with plug-and-play Mighty Mouse 807 receptacle connector

STAR-PAN VI the worldwide JTAC open-system standard for power and data hubs with Mighty Mouse 807 QDC connectors



BB-2590 /BA-5590 standard soldier battery with Mighty Mouse 807 power adapter

Juggernaut.Case ruggedized EUD assembly with Mighty Mouse 807 dongle



TacROVER-e video downlink receiver with Mighty Mouse high-speed I/O connector and STAR-PAN interface cable

