

US Military Specification 810F Summary / Vendor: Technomad

(as applied to electronic enclosure, loudspeakers, flight cases, and fielded mobile and permanently installed equipment)

Rev. 6.213.B Website: <http://military.technomad.com>

Loudspeaker Environmental Performance

Loudspeakers in Case / Storage Mode

Impact	24" impact drop on concrete x 30 – no damage
Humidity	100% humidity, 5 year+ exposure – no damage
UV	0% material breakdown / color shift via ETN 4517 protocol, 5 year
Immersion	1" immersion depth, 100 hours, no penetration
Insect	Wasp larvae exposure test – no penetration
Precipitation	Rainfall: 1" per hour, continuous 5 year exposure equiv. – no damage Blown Rain: 1" per hour, 15 mph wind, continuous 5 year exposure – no damage Salt Fog: 20 CFPM per AISQ 32.1B, continuous 5 year exposure – no damage
Temperature	-10F to 120F, no damage

Loudspeakers Open ("Operational") Mode

Humidity	100% humidity, 5 year+ exposure – no damage
UV	0% material breakdown / color shift via ETN 4517 protocol, 5 year
Precipitation	Rainfall: 1" per hour, continuous 5 year exposure – no damage Blown Rain: 1/2" per hour, 15 mph wind, continuous 5 year exposure – no damage Salt Fog: 10 CFPM per AISQ 32.1B, continuous 5 year exposure – no damage
Insect	Wasp larvae exposure test – no penetration
Temperature	-10F to 120F, no damage

Ergonomic

Handles	Usable with gloved hand / cold weather dress
Latches	Usable with gloved hand / cold weather dress
Manpack	2-person lift (Omaha) 1-person lift (Pismo)
Safety	1.5" radius corners, all metal parts edges broken

Logistical

Packing efficiency:	100% space utility / 0% waste
Aircraft Carry / Palletizable:	Yes
Vehicle Carry / Palletizable:	Yes
Other:	Stacking Interlock Feature Hardware Field-Replaceable