



MANPACK SATELLITE
COMMUNICATION TERMINAL

#MilitaryCommunication



aselsan

MANPACK SATELLITE COMMUNICATION TERMINAL

With its ability of beyond line-of-sight communication and endurance to various geographical conditions, Satellite Communication Systems are indispensable communication tools by satisfying campaign/logistic requirements below, when there is no communication system left or the capabilities of the communication systems are restricted:

- Forming tactical picture,
- Reliable communication environment with high data rate between tactical units and operation/command centers,
- Communication infrastructure providing integration of elements in the tactical field with strategical networks,
- Communication ability of tactical units with civilian communication environments.

Manpack Satellite Communication Terminal is installed by 1 person in less than 5 minutes, providing uninterrupted satellite communication in all types of covert operations and environmental conditions.

They can work with several satellites which provide service in relevant frequency bands.



Features

- Lightweight, suitable for one man transportation with a backpack (<15 kg)
- Designed, tested, validated, and certified to comply with both MIL-STD-810 and MIL-STD-461
- Solar charging capability on the field through Solar Panel Charging Unit
- Compatible battery with ASELSAN 9600 Radio Family

Functional Features

- IP or analog based secure/non-secure voice, data, video conferencing and fax communication
- QoS Management: Prioritization for services such as voice, data and video conferencing etc., configurable voice/data rate according to the user requirements
- Compatible system architecture with National and NATO crypto devices
- One and half hour of uninterrupted two-way communication under full load capacity with a single battery

RF Features

AcroSAT X69-MP	
Tx Gain	> 32 dBi
G/T	> 6 dB/K
Rx Frequency	7,25 - 7,75 GHz
Tx Frequency	7,90 - 8,40 GHz



Specifications are subject to change without any notice. | All tolerances are within ±10%.