

# AMAC | MSC

MULTI-FUNCTIONAL SYSTEM CONTROLLER

#Avionics



NVIS GREEN A ILLUMINATED PANEL  
COMPACT AND RUGGED DESIGN



**aselsan**

# AMAC | MSC

## MULTI-FUNCTIONAL SYSTEM CONTROLLER

Multi-Functional System Controller (AMAC MSC) is an avionic control panel designed by ASELSAN to control cursor movement on displays.

The operator interface of AMAC MSC is designed with guidance of MIL-HDBK-1472F Human Factor Engineering standard for the usage of Pilot and Copilot.

AMAC MSC performs to control touch displays, fast access settings, data management capability via USB 2.0 interface.

AMAC MSC consists of a joystick for cursor control with push to pan capability, four knobs for critical PFD data settings, four functional pushbuttons and 12 shortcut buttons for touchscreen concepts.

With its rugged and compact design, AMAC MSC operates in severe environmental conditions on air platforms.

### General Specifications

- Embedded Hardware
- Built-In Test Capability
- NVIS Green A Compatible Illuminated Panel
- NVIS Compatible Illuminated Annunciators

### Interfaces

- Discrete Input/Output Interface
- ARINC-429 Interface
- PWM Interface

### Physical Specifications

- Dimension: 147 mm (W) x 229 mm (H) x 149 mm (D)
- Weight: <2.2 kg

### Technical Specifications

- Input Power : 28 VDC
- Power Consumption : <15W (Nominal)
- Power hold-up for short power interrupts
- Panel Backlight Dimming Input : 0-28VDC

### Environmental Conditions

- Operating Temperature and Altitude: -40°C / +70°C, 20.000 ft
- Storage Temperature: -55°C / +85°C

### Qualifications

- MIL-STD-810G
- MIL-STD-810H
- DO-160G
- MIL-STD-704F



Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .