

# AMAC | MFSC

MULTI-FUNCTION SLEW CONTROLLER

#Avionics



ERGONOMIC AND RUGGED CONTROL UNIT  
USER FRIENDLY AND RELIABLE DESIGN



**aselsan**

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## MULTI-FUNCTION SLEW CONTROLLER

AMAC MFSC is a control unit designed by ASELSAN to control cursor movement on displays.

AMAC MFSC is ergonomically designed to control cursor movement on the displays for the Pilot and Copilot.

Each AMAC MFSC unit has one hand unit and one electronic board box. The hand control part shape and configuration are designed for the left hand of the pilot and the right hand of the copilot with guidance of MIL-HDBK-1472F Human Factor Engineering standard.

AMAC MFSC consists of a 2-axis force transducer, three (3) single pole double throw pushbutton switches, and a scroll wheel switch with built in detent switch. The 2-axis force transducer supplies slewing capability for cursor movement on the displays.

With its rugged, ergonomic and user-friendly design, AMAC MFSC operates in severe environmental conditions on air platforms.

### General Specifications

- Embedded Hardware
- Built-In Test Capability

### Interfaces

- ARINC-429 Interface

### Physical Specifications

- Dimensions : 147 mm (E) x 96 mm (B) x 133 mm (D)
- Weight : <1.18 kg

### Technical Specifications

- Input Power : 28 VDC
- Power Consumption: <4W (Nominal) / <12W (Maximum)
- Power Hold-Up for Short Power Interrupts

### Environmental Conditions

- Operating Temperature and Altitude : -40°C / +71°C, 20,000 ft
- Storage Temperature : -54°C / +71°C

### Qualifications

- MIL-STD-810G
- MIL-STD-461E
- MIL-STD-704A/E
- DO-160E

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