## aselsan

## MSC MULTI-FUNCTION SYSTEM CONTROLLER

### FIXED, ROTARY WING PLATFORM QUALIFIED





# MSC MULTI-FUNCTION SYSTEM CONTROLLER

Multi-Function System Controller (MSC) consists of two independent controllers for the Pilot and Copilot that is used to control cursor movement on the displays, shortcut for PFD data settings and functional buttons, data management capability via USB 2.0 interface.

Operator interface is designed with guidance of MIL-HDBK-1472F Human Factor Engineering standard.

MSC consists of a joystick for cursor control with push to pan capability, four (4) knobs for critical PFD data settings, four (4) functional pushbuttons and 12 shortcut buttons for touchscreen concepts.

#### **General Specifications**

- System Management
- · Operator Interface Management
- · Communications and Identification Management
- · Navigation Management
- · Tactical Surveillance Management

#### **Technical Specifications**

- · Continuous Built In Test (CBIT)
- Cursor Movement Control On Displays
- PFD Data Settings
- · Shortcuts for Touchscreen Concepts

#### Interfaces

- MIL-STD-704F 28 VDC Electrical Power Interface (2 inputs)
- ARINC 429 Interfaces
- · Discrete Interfaces

#### **Qualifications**

- MIL-STD-810G / DO-160G
- MIL-STD-704F
- MIL-STD-461F

#### **Physical Specifications**

- Operating Temperature and Altitude
  - : -40°C / +55°C, 15.000 ft.
- Storage Temperature
  - : -55°C / +85°C

#### **Physical Specifications**

- Dimensions: 229 mm (H) x 85 mm (W) x 146 mm (D)
- · Weight: <2 kg