



Displays and controls are state-of-the-art systems which display targets on the screen based on visual signals received from the optoelectronic head. Due to the built-in video tracker module, the displays enable passive target tracking and control of the optoelectronic head. They work together with the diagnostic system, the inertial land navigation system and IFF target identification system MARK XII mode 4, MARK XIIA.

CAPABILITIES

- passive detection – thermal and video detection without revealing own location
- information on range and azimuth
- possible adjustment to any platform
- control of the optoelectronic head
- target identification
- information from the inertial land navigation system

PURPOSE

Displays and controls can be applied to any anti-aircraft system fire control platform. In particular, they are intended for the following anti-aircraft defence systems:

- 2K12 KUB (SA-6)
- 9A33BM2 OSA (SA-8)
- 2K11 KRUG (SA-4)
- an example platform of a different type – Combat Field Reconnaissance System integrated onto HUMVEE

ADVANTAGES OF APPLICATION

- upgrade and development of post-Soviet missile systems
- equipment with entirely new parameters which correlate with the performance of the equipment used in the modern combat field
- elimination of inconvenient analogue equipment
- more efficient crew performance
- further operational use of missile systems

ELEMENTS

Displays and controls are provided with the following systems:

- video tracker module for passive target detection
- control computer and specialist software to control the optoelectronic head and to identify the target IFF MARK XII mode 4
- power supply module

TECHNICAL PARAMETERS

Technical parameters of the systems within the displays and controls are selected in accordance with the client's individual demands and the conditions of prospective performance.