

Features/Benefits

- Maintain positive control through simultaneous turret and weapon control
- Smooth two-direction turret slew control
- Left-side or right-side mounting configurations on the M2 or MK19
- Directly cabled to BPMTU/ITDS controller via Mil-C-5015
- No tools needed to mount WMC



Moving Thumb Control Left
 ←
 Rotates Turret Counter Clockwise



Moving Thumb Control Right
 →
 Rotates Turret Clockwise

Description

Control Solutions LLC developed the Turret Control System, (TCS) known as the Battery Powered Motorized Traversing Unit (BPMTU) as well as the 2nd-generation Improved Turret Drive System (ITDS). These systems provide motorized operation to the gunner's station and the Objective Gunner Protection Kit (O-GPK). Traditionally operated by a joystick controller, the TCS can now be operated 100% without removing your hands from the weapon.

The Weapon Mounted Turret Controller (WMTC) is the latest development from Control Solutions LLC for the TCS family. The WMTC consists of a small, proportional control, single axis, thumb joystick mounted into a sealed aluminum housing with a 5015 sealed MIL connector which mates to the existing joystick cable.

The WMTC allows the gunner to rotate the turret by moving the thumb controlled joystick. The WMTC mounts to the top surface of the handle of either the M2 or MK19 weapon system. The CS3210A can be mounted to either side of the handle with the use of thumb screws through a steel mounting clamp. The thumb screws and mounting clamp allow quick removal for storage inside the vehicle.

About Us

Designing and manufacturing field-hardened systems to meet the challenges of the military for over 20 years. Control Solutions LLC, your rapid-response provider of motion control solutions.



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Specifications

CS3210A Controller	
Compatible with BPMTU controller CS3208B	Yes
Compatible with ITDS controller CS3248	Yes
Cable to controller (~57")	ASM001175A – NSN 6150-01-560-0238
Mounting method	M2 or MK19 gun handles (left-hand or right-hand)
Physical Size, H W L Inches (mm)	3.32 x 1.38 x 3.95 (84 x 35 x 100)
Weight, lbs. (kg)	.491 (0.22)

Note: Specifications are subject to change without notice.

CS3210A Wiring Diagram and Components

