



CS3210A

Weapon Mounted Turret Controller

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 (WMT) is the latest development from Control Solutions LLC for the TCS family. The WMT 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 WMT allows the gunner to rotate the turret by moving the thumb controlled joystick. The WMT 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.



Visit our website:
www.controls.com



BR0058-06

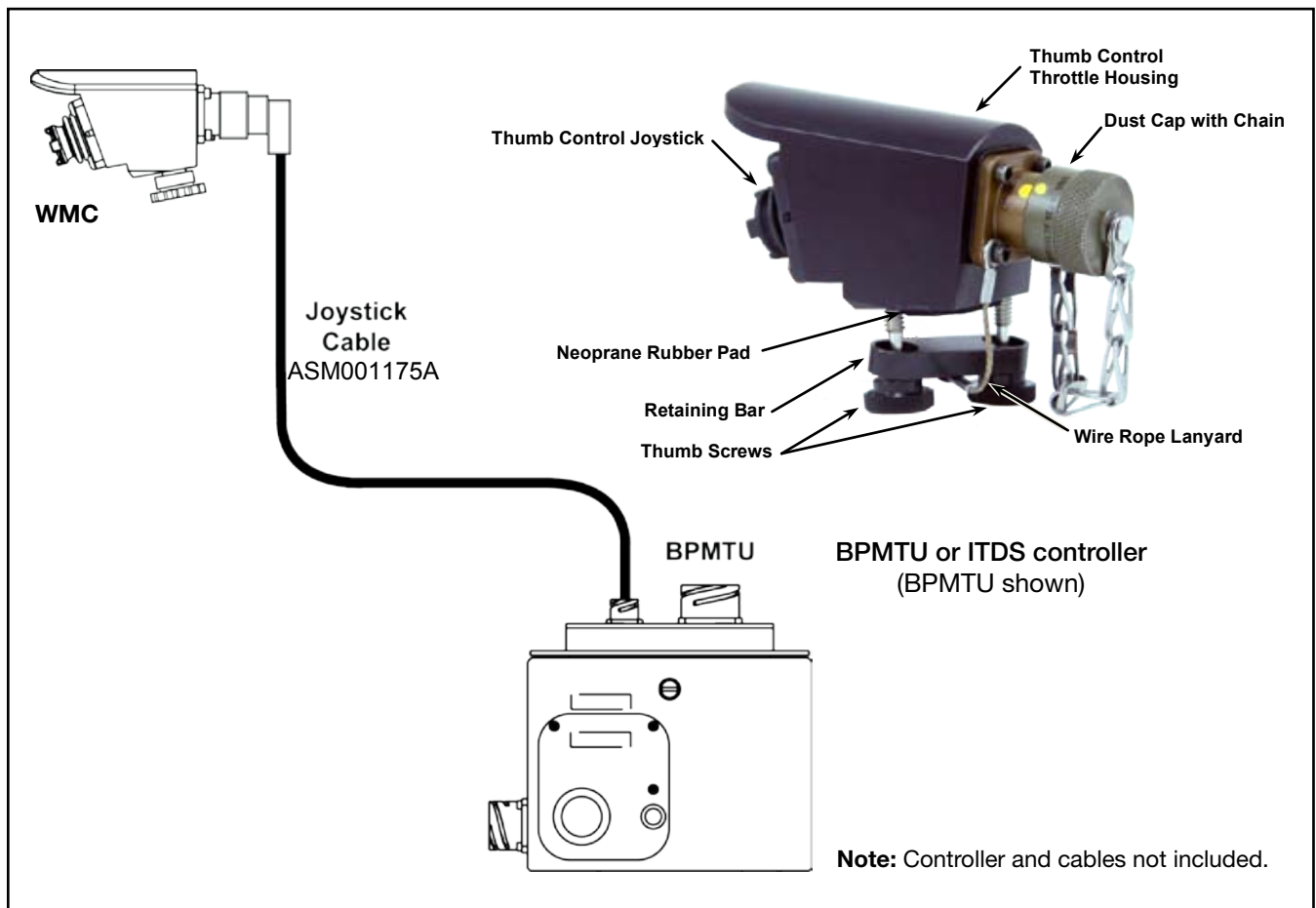
CS3210A Weapon Mounted Controller

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



CONTROL SOLUTIONS LLC™
2520 Diehl Road, Aurora, Illinois 60502
Tel: 630.806.7062 Fax: 630.806.7065
www.controls.com



BR0058-06