



COMSAT SYSTEMS PVT LTD

An ISO 9001 Company

**MANUAL STEP TRACK
CONTROLLER
MODEL: CS-MST-01**



Manual Step Track Controller [MSTC] Model: CS-MST-01 is a Micro Controlled based and a low cost solution for aligning VSAT Antenna systems to the required Satellite. The Controller enables movement of Antenna in either axes continuously in Slew Mode [Coarse] or in steps in Step Mode [Fine]. Step size For Step mode is selectable. All selections are through Front Panel Membrane Keypad. The Controller provides precise step movement of the antenna in CW, CCW, UP and DOWN directions. The unit also provides Azimuth & Elevation position on LCD Display in the front panel. The unit can be configured For Limits settings and etc.

SPECIFICATIONS



OPERATION MODES	:	Slew, Step
No. OF AXES CONTROLLED	:	Two (AZ & EL)
COMMANDS IN SLEW MODE	:	CW, CCW, UP, DOWN, & STOP
COMMANDS IN STEP MODE	:	CW, CCW, UP & DOWN
ANTENNA POSITION DISPLAY	:	Azimuth & Elevation angles
DISPLAY RESOLUTION	:	0.1° DEG
POWER	:	230 V AC, 50Hz / 50 VA max
OPERATING TEMPERATURE	:	Upto +50° C
SIZE	:	2U (19"W x 3.5"H x 12"D)
MOUNTING	:	19 Inch Rack Mount
WEIGHT	:	Less than 6Kgs
DRIVE SYSTEM INTERFACE	:	1 Phase 230 VAC Motors / 24 V DC Motors
DRIVE POWER	:	1 Phase 230 V AC (External) or 24 V DC, 5 AMPS In-built
NOTE	:	Specifications are subject to change without notification



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