

MX503 1-2 TRIAX CHANNEL MAXX BOXES PRODUCT DESCRIPTION

CTC MAXX box solutions allow for the monitoring of remotely mounted vibration sensors, which would otherwise be restricted to human access due to safety considerations.

The **MX503** is a powder-coated aluminum junction box that provides connection of the four-conductor input wiring of up to two triaxial accelerometers to a portable data collection unit equipped with Azima DLI Data Collector cables. Each sensor is wired to four-pin, quick output connections via an internal terminal strip located on the reverse side of the DLI-compatible connector panel. Connections on the terminal strip include an X, Y, and Z input for signal as well as common and the shield drain wire (earth grounded via the enclosure).

Each MX503 features a hinged cover with a snap latch to protect each four-pin connector when not in use. Located on the inside of the door is a measurement location card used to identify and label each connector. Rated for NEMA 4X (IP66), the box is also resistant to hose directed fluid and corrosion and is rated for temperatures ranging from -58° to 180°F (-50° to 82°C). This mini-MAXX box measures 3.54" W x 4.53" H (89.9 mm W x 115.1 mm H), allowing it to be installed in many locations, requiring little space.

ORDERING OPTIONS



A. User Defined (Installed by User)



B. Conduit Fitting



C. Cord Grip for Single Axis Accelerometers

S. Cord Grip for Triaxial Accelerometers



CHOOSING YOUR JUNCTION BOX SOLUTION

	CT BOXES	mini-MAXX	MAXX BOXES	SB BOXES	JB BOXES
Provides connection for remotely installed sensors to portable data collectors	✓	✓	✓	✓	✓
Optional cord grip or conduit inputs provide quick & secure cable entry to enclosure	✓	✓	✓	✓	✓
Withstands harsh factory and outdoor environments		✓	✓	✓	✓
Covered BNCs		✓	✓	✓	✓
Quick Release Terminal Blocks			✓	✓	✓
Fiberglass & stainless steel options available			✓	✓	✓
Slope top options available				✓	✓
Optional continuous output				✓	✓
12-48 channel options				✓	✓
Ability for online expansion				✓	✓
Fold-forward panel for easy wiring					✓
IEPE bias indicator light					✓

