

DX Test Equipment

DX-BCT DX-ACC4T DX-CMT

INSTALLATION MANUAL

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1 DX BUS Cable Tester

The DX BUS cable tester is designed simultaneously to test BUS cables for all possible short and open circuit conditions.

1. Plug both ends of the cable into the BUS sockets provided
2. Press the button to test.

A simple pass or fail test displays a green light for a pass, and a red light for a fail.

Cables that fail should be replaced.

Part Number	DX-BCT
Size	80 x 150 x 55mm
Weight	225 grams



Two AA batteries are included.

2 DX CLAM Tester

By plugging the DX CLAM Tester into a DX Combined Lighting and Actuator Module (CLAM) in place of the wheelchairs lights and seating actuators, the user can quickly determine if the problem is with the wheelchairs wiring or the DX-CLAM itself. All DX-CLAM functions can be tested, including side lights, hazards, indicators, up to five actuators, and slow/stop function



With the wheelchair turned off, disconnect the 21 way lighting/actuator connector, and replace with the DX CLAM tester. Turn the wheelchair back on, operate all functions via the remote as normal. Check to ensure all functions operate correctly.

1. Actuators - operate as normal and check LEDs for each of up to five actuators (labelled A1-A5). For each actuator Green LED will light for actuator up, Red LED for down.
2. Lighting - operate as normal and check LEDs for headlights, indicators and hazards (labelled Left, Right and Lights). ‘Right’ and ‘Left’ LEDs will flash individually or together, for indicators and hazards respectively. The “Lights” LED will remain constant when vehicle head and tail lights are activated.
3. Slow/Stop function - raise the wheels off the ground using blocks under the wheelchair frame, so that the wheels can turn freely. Drive the chair as normal, push the slow button and observe speed of the wheels - ensure they have slowed. Release switch and ensure wheel regain initial speed. If OK repeat by selecting the stop button. The wheels should stop completely.

If functions do not operate correctly, check wheelchair wiring, and/or actuators and lights.

The CLAM Tester is powered through the CLAM module and does not require batteries.

Part Number	DX-CMT
Size	58 x 102 x 35mm
Weight	189 grams

3 Switch Tester

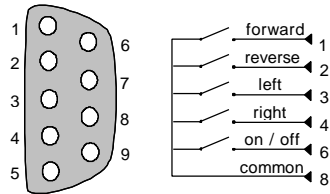


The Dynamic Switch Tester is used to test multiple switch devices fitted with a standard 9 pin D connector, and wired to the original TRACE specification, as illustrated. This includes the TASH range, and all other multiple switch devices sold by Dynamic. All four directions, including forward, reverse, left and right can be tested.

Plug the switch device into the Switch Tester. When a direction switch is pushed the corresponding light on the Switch Tester should illuminate. Test for all four directions to ensure each is operating correctly.

The Switch Tester can also be used to:

1. Determine switch suitability during user assessment,
2. As a training aid in the use of switches, and
3. To ensure custom built switches are wired correctly prior to use.



A 9V battery is included.

Part Number	DX-ACC4T
Size	58 x 102 x 35mm
Weight	100 grams

4 Miscellaneous

This manual must be read in conjunction with the installation manuals for all other DX Modules used in the application. Heed all safety and misuse warnings and if in doubt ask for advice.

For further information and assistance, including Sales and Servicing, contact Dynamic.

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