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Quick Check 330 Getting Started Guide

The Model 330 Quick Check Detector Tester is designed to test 1 and 2 channel shelf mount; and 2 and 4 channel rack mount detectors as defined by the NEMA TS1, NEMA TS2, & CalTrans/FHWA published standards. The tester should help signal and repair technicians troubleshoot a potentially defective detector or to possibly "rule-out" the detector as the problem when troubleshooting an intermittent problem at an intersection.

Below are some tests that should help the user to exercise the functions of a detector. All tests require the user to visually verify the detector response.

An annual calibration service is recommended. Contact ATSI directly to arrange for this service.

NOTE: Setting the switch to Delay will enable the Delay feature for that channel. Setting the Extend will enable the Extend feature for that channel. This switch setting should be tested in conjunction with the detector settings. If you are unsure of the detector settings, refer to the detector's operating manual supplied by the manufacturer for assistance.

PRESENCE MODE TESTS

Set SENSITIVITY to MAXIMUM and disable any DELAY and EXTEND capabilities if applicable.

Sustained Presence Check

Press and hold the Lowest Class button that produces a call. Hold button for at least 10 seconds. The CALL light should stay on as long as the button is pressed.

Sustained Presence Recovery Check

Immediately following a Sustained Presence Check, release the button for 1 second, and then re-apply. The detector should promptly recognize the new CALL.

Delay Check

Set Delay Time. Press and hold a Class button and watch the CALL light on the detector. It should turn off or blink for the DELAY time set. When the time has expired, both the detector and tester CALL light should come on.

Extend Check

Set Extend Time. Press and hold a Class button and watch the CALL light on the detector. When you release the button the CALL light should blink during the EXTEND time. The CALL light on the tester should be ON during the time the Class button is pressed AND during the blinking interval of the Detector's CALL light.

PULSE MODE TESTS

Pulse Check

Press and hold the Lowest Class button that produces a call. The CALL light should come on briefly to verify PULSE a condition. The CALL light should have an ON-time of 75 to 150 mSec.

Second Vehicle Check

Press and hold the Lowest Class button that produces a call. CONTINUE TO HOLD this button after the CALL drops. Wait 2 seconds and then press the NEXT HIGHER CLASS button. A second call should be asserted briefly in response to the added actuation.

If you suspect the tester to be defective, contact ATSI for support and to arrange the return of the unit. All parts, labor and return shipping are covered during the first 12 months under the Manufacturer Warranty (conditions on reverse side). The user will be responsible for the shipping charges to return the tester to the factory for Warranty service work.

Send the tester to ATSI, 8157 US Route 50, Athens, OH 45701, ATTN: Warranty Department.

LIMITED WARRANTY

PRODUCT COVERED AND DURATION OF WARRANTY

The Model 330 Quick Check Detector Tester ("Product"), distributed by Athens Technical Specialists, Inc. (ATSI), is warranted to the original purchaser ("Purchaser") to be free of defects in materials and workmanship for a period of one year from the purchase date stated on the invoice. Within this period, in the event of a defect, malfunction, or other failure of the product while in the custody of the purchaser, ATSI will remedy the defect or cause of failure without charge to the Purchaser. Purchaser's sole remedy is restoration of product operation. ATSI accepts no liability for incidental or related expenses. Under no circumstances will ATSI's liability exceed the purchase price for items claimed to be defective.

This Limited Warranty does not extend to any Product that has been damaged or rendered defective (a) as a result of accident, misuse, or abuse; (b) by modification of the product; or (3) as a result of service by anyone other than ATSI. ATSI is not responsible for damage to or loss of any programs, data, or removable storage media.

EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY, ATSI MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ATSI EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO THE TERMS OF THIS EXPRESS LIMITED WARRANTY.

HOW TO OBTAIN WARRANTY SERVICE

In the event of a problem within these limitations, Purchaser should contact ATSI at the address given below to arrange for returning the unit for repairs.

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