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LocoNet-Cable Tester 62 000

The quick way to an error free LocoNet Installation

With this tool you can quickly and problem free check your LocoNet cables before and after the installation. That way cable faults can be avoided right from the outset and prevent searching for errors.

The following test capabilities are available:

• Detection of short circuits
• Continuity testing
• Crossed or straight LocoNet cable
• Testing of individual or multiple cables

Description

The LocoNet cable tester consists of two components. One is the main device (MASTER) with On/Off switch and a removable auxiliary device (REMOTE). Both devices have two different sockets. To test a LocoNet cable the small 6 way socket (RJ11) is used.

The On/Off switch has three positions:

OFF: device is switched off
ON: device is switched on with quick test sequence
S: device is switched on with slow test sequence

The LED rows (1-6) on both devices act as a running light. It shows the test result.

LEDs 7, 8 and G are not used.

Preparation

Open the battery compartment on the back of the main device and connect the 9V battery. Now the device is operational.

Cable test

To test, connect a plug from the LocoNet cable to be tested into the test socket of the main device and the other plug into the corresponding socket (under side) of the auxiliary device. Then switch the LocoNet cable tester on. The LED on the left of the main device blinks (rapidly with switch position "ON", slow in switch position "S").

Test Result

If the running lights run the in the same direction from 1-6, then the straight LocoNet cable is correct.

If the running lights run in opposite direction 1-6 and 6-1, the crossed LocoNet cable is correct.

If the order is incorrect (e.g. 1, 2, **4**, **3**, 5, 6), then wires in the cable are crossed.

If a number is missing in the running light the wire is open circuit.

If 2 or more LEDs light up simultaneously in an LED row, there is a short circuit between these wires.

LocoNet Test in an established Layout

If you want to test the LocoNet on your layout, you must first disconnect the LocoNet cables from all the LocoNet modules and devices. Now only a plain LocoNet cable connection remains.

Now the spiral cable and/or socket are connected to the desired LocoNet cable. Use these items to assist you to connect with the auxiliary device. Now you can perform the cable test as above.

If you want to check the LocoNet for a short circuit, connect the auxiliary device to any point on the LocoNet. To check for an open circuit the auxiliary device must be connected to the end of the suspect section.

Package Contents

• LocoNet Cable tester
• Protection pouch
• 3m spiral LocoNet cable
• LocoNet socket
• 9V battery
• Instruction

Guarantee declaration

Each component is tested for its complete functionality before distribution. If a fault should arise within the guarantee period area of 2 years, we will repair the component free of charge upon production of proof of purchase. The warranty claim is void, if the damage was caused by inappropriate treatment.