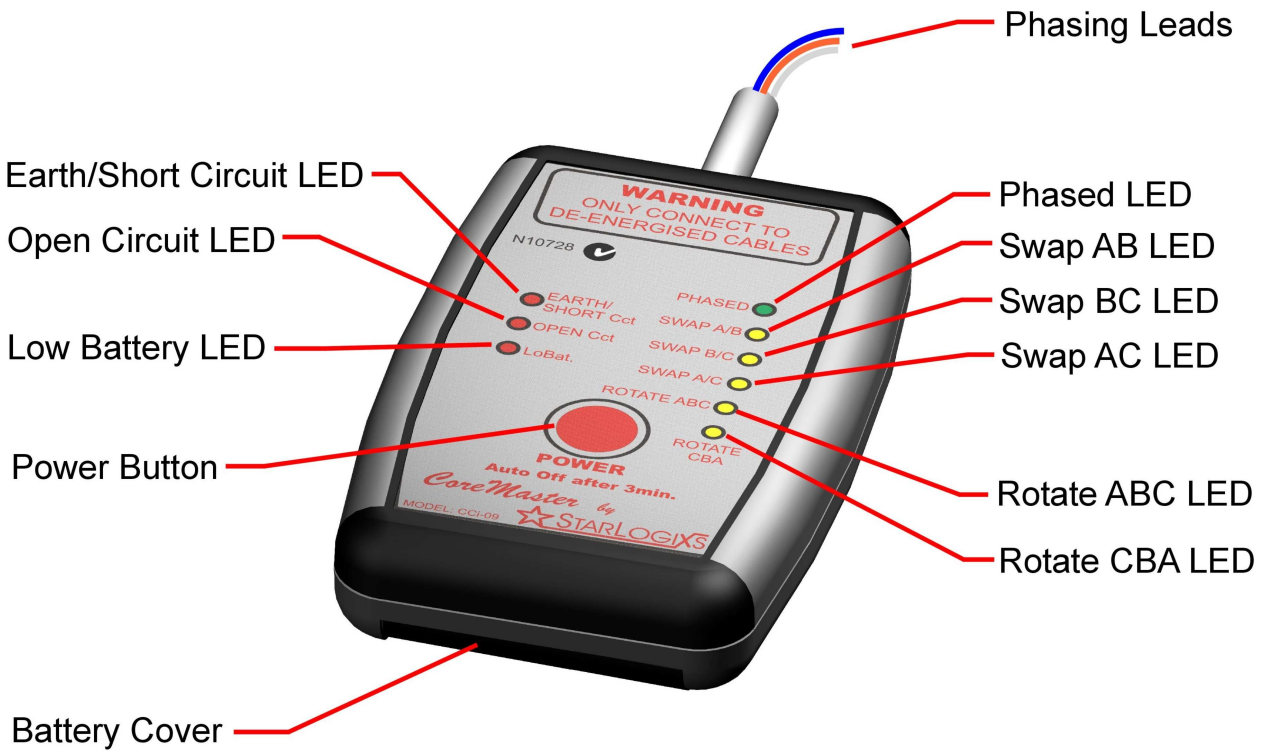
CoreMaster by STARLOGIXS

CABLE CORE IDENTIFIER

OPERATING INSTRUCTIONS

Model : CCi-09

Location of the Controls:



WARRANTY

Your StarLogixs CoreMaster is guaranteed against faulty workmanship or components for a period of twelve months after the purchase date. For warranty contact your local sales agent with proof of purchase date.

This warranty does not cover damage or failure caused by or attributable to Acts of God, abuse, misuse, improper maintenance and storage, flashover from connection of the CoreMaster to energized cables, or the application of excess external voltages to the instrument or diode set, or any repairs other than those provided by an authorized StarLogixs service facility, or transportation costs.

StarLogixs is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the CoreMaster or other damages with respect to any economic loss, loss of property, loss of revenues or profit.

- This warranty gives you specific legal rights and you may have other legal rights which vary from state to state.

Warning:

Your CoreMaster cable core identifier is only designed to be used on de-energized cables. Do not connect the instrument or the diode set to an energized conductor at any time, otherwise severe injury may occur to the operator and or damage to equipment.

Caution:

The CoreMaster cable core identifier is not housed in a waterproof enclosure. For continued reliability ensure the unit is not subjected to direct rain or immersed in water.

Self-Check Function:

When the POWER button is pressed the front panel LEDs are flashed in sequence, and all LEDs should flash. The instrument also runs some internal checks and if a fault is found the Open Circuit and Short Circuit LEDs are both illuminated. If the unit is already on pressing the POWER button re-runs self-check and low battery check plus restarts the 3 minute time out feature.

Low Battery:

Each time the POWER button is pressed the battery charge level is checked, and if it is low the LoBat LED will illuminate. The battery should be replaced with an alkaline type 9volt battery.

Auto Power Off:

Three minutes after the last time the POWER button is pressed the unit will automatically switch off. Pressing the POWER button again will switch the unit back on, and run self-check and low battery tests.

Operation:

Normally the diode lead set is attached to the cable end where the phasing is known, in the following sequence:

A Phase = Red Lead
B Phase = White Lead
C Phase = Blue Lead

Now fit the instrument lead set to the other end of the cable in any order. Press the POWER button if the instrument is not already on. Results as below:

PHASED LED: This LED will illuminate if the phasing of the instrument leads match those on the diode set. No further testing is required – simply mark the cable appropriately and remove the instrument AND diode set from the cable.

SWAP A/B LED: This LED will illuminate to indicate that the operator should swap the A (red) and B (white) instrument leads connected to the cable. Do not swap leads on the diode set. Re-test and ensure the PHASED LED illuminates.

SWAP B/C LED: This LED will illuminate to indicate that the operator should swap the B (white) and C (blue) instrument leads connected to the cable. Do not swap leads on the diode set. Re-test and ensure the PHASED LED illuminates.

SWAP A/C LED: This LED will illuminate to indicate that the operator should swap the A (red) and C (blue) instrument leads connected to the cable. Do not swap leads on the diode set. Re-test and ensure the PHASED LED illuminates.

ROTATE ABC LED: This LED will illuminate to indicate that the operator should:

- move C (blue) to the B(white) position
- move B(white) to the A(red) position
- move A (red) to the C (blue) position

Do not swap leads on the diode set. Re-test and ensure the PHASED LED illuminates.

ROTATE CBA LED: This LED will illuminate to indicate that the operator should:

- move A (red) to the B(white) position
- move B (white) to the C (blue) position
- move C (blue) to the A (red) position

Do not swap leads on the diode set. Re-test and ensure the PHASED LED illuminates.

EARTH/SHORT Cct LED: This LED will illuminate to warn the operator that there is a short circuit somewhere in the system. Check the cable clips are not touching at both the instrument and diode set ends. Also ensure no earths are applied to the cable.

OPEN Cct LED: This LED will illuminate to warn the operator there is an open circuit somewhere in the system. Check the cable clips are connecting to the cable properly at both the instrument and diode set ends. Also check for blown lead fuses (replace only with 0.75A ceramic high rupture type).