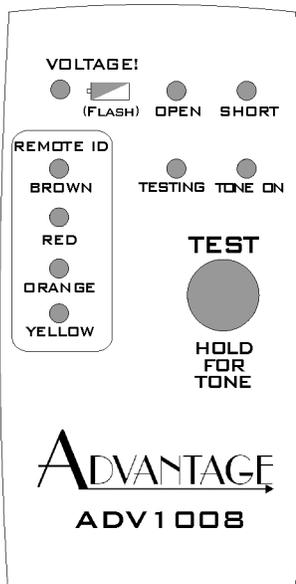


ADVANTAGE

ADV1008 Coax Mapper

The ADV1008 is a hand-held device designed and intended for CATV and security system installers who test multi-run coax systems terminated with F-connectors, or those who wish to map runs to a central bundle. It can be used to put a tone signal on a coax cable, as well as find and identify multiple coax cables connected to a coax splitter. With four color-coded remote terminators, it is ideal for mapping coax installations.



Remote Detected LEDs:

An LED will light for the color of the terminator found ("BROWN", "RED", "ORANGE" or "YELLOW"). If connected through a splitter, an LED will light for each terminator found.

Fault LEDs:

If no terminator is found, the "OPEN" LED will light. If a short circuit is detected, the "SHORT" LED will light. NOTE: No remotes can be identified until the short is cleared.

Status LEDs:

The "TESTING" LED flashes briefly during each test. The "TONE ON" LED will flash while tone is being sent to the center pin of connector. Auto power-off after approximately 30 minutes.

Voltage! / Low Battery LED:

If voltage is detected this LED will light. NOTE: DISCONNECT IMMEDIATELY! This LED also indicates low battery when flashing.

TEST Button:

Press button and release when ready to test a cable. Results are displayed for 10 seconds before auto-off. To enter tone mode, simply press and hold button until

"TONE" LED lights. A second press will turn off the tone mode.

Note: The ADV1008 will not test cable runs with: Power Amplifiers, Isolation Splitters, Attenuators, Directional Line Tap, Power Dividers or Matching Transformers.

SPECIFICATIONS:

Dimensions 3-1/4" x 2" x 1-1/4"

Weight: 4 oz (with battery)

Auto Power Off: 12 seconds after Pass/Fail results

30 minutes in "Tone" mode

Minimum cable length for testing: 0ft

Maximum cable length for testing: 3000ft

Maximum DC cable resistance (Shield + Center Conductor): 100 ohms

NOTE: The ADV1008 will not test cable runs with AC or DC voltage present. Additionally it will not test through amplifiers, DC blocking devices or isolation splitters.

Operation:

The ADV1008 consists of the master unit and four remote terminators, which are color-coded as follows: #1 brown, #2 red, #3 orange, #4 yellow. This device is used to test coax with F-connectors (or with BNC using the included adapters). The device is connected to one end of the coax cable and the remote terminators are connected to the other end of the coax cables.

If there is voltage present, the "VOLTAGE!" light will turn on. Disconnect the device from the live line and remove the source of the voltage from the coax cable before further testing.

With the device and the remote terminators connected, push the "TEST" button. The "TESTING" LED will flash quickly and the test is performed. If no failures are detected, the remote(s) will be identified on the device by lighting an LED for each remote found. If no remote is found, or if the cable is shorted, the "OPEN" or "SHORT" LEDs will light, respectively.

NOTE: If a short is found, the short must be cleared before testing may continue.

To put tone on a coax cable, simply push and hold down the "TEST" button until the "TONE" LED lights. The device is now transmitting tone on the center pin of the coax cable. The "TONE" LED will flash indicating that the tone mode is on. Tone mode will automatically shut off after approximately 30 minutes. To exit the tone mode, push the "TEST" button once. The "TONE" LED will turn off.

Voltage Present Detection:

A positive voltage on the center pin of the connector with respect to the barrel or an AC voltage will cause the "VOLTAGE!" LED to light. Remove tester from the line and remove the source of voltage from coax cable before doing any further testing.

Battery Low Light:

When the "VOLTAGE!" LED flashes, it indicates low battery charge. Replace battery promptly to ensure proper operation of the device.

Battery Replacement:

The device is powered by a 6 volt A544 1/2AA size battery.

1. Remove screw from back of device using a #1 Phillips screwdriver.
2. Remove old battery and dispose of properly.
3. Install new battery, observing proper polarity.
5. Close unit and replace screw, being careful not to overtighten the screw.