

THROWMASTER™ 102A | Cable Test Set

APPLICATIONS:

THE TECHNICIAN'S COMPLETE TEST SET FOR TESTING AND TRANSFER OF TELEPHONE CABLE

The Throwmaster brand Cable Test Set Model 102A is a portable, battery powered instrument intended for field testing telephone cable pairs. It is normally used by cable technicians as their primary test set. The Throwmaster brand Cable Test Set Model 102A is a portable, battery powered instrument intended for field testing telephone cable pairs. It is normally used by cable technicians as their primary test set.

The 102A is used for the following purposes:

- Tests non-working pairs for all DC defects including opens, shorts, crosses, grounds, splits, balance and high resistance faults.
- Tests working pairs for busy status, polarity and voltage.
- Measures DC voltage from 0 to 200 volts.
- Measures resistance from 0 to 10 megohms.
- Locates opens, shorts, grounds, crosses and splits.
- Supplies talk battery and signaling functions for technician communication.
- Sends simplex 577 Hz tone for pair identification which is silent to sub-scribers.
- Performs cut-closed cable transfers or section throws on working cables without service interruption.

Testing Spare Pairs - The 102A Throwmaster incorporates a complete field test board. In the TEST mode the battery and meter can perform the same functions as the local test desk. In addition, the LENGTH and OHMS modes can test spare pairs for capacitive and resistive faults. These three functions together can test for opens, shorts, grounds, crosses, splits, unbalances, foreign voltage and high resistance or moisture problems. The technician can also measure the length of a good pair and can locate opens, shorts, grounds, crosses and splits. In other words, the 102A gives the splicing technician the same troubleshooting capabilities as a volt-ohmmeter, an open locator, and a tone generator - all in one compact test set.

Testing Working Lines - The technician can tell at a glance whether a particular line is working or spare, idle or busy, straight or reversed, or has special voltage present. He can also tell how many ringers are present and which way the telephones are connected. In the case of a cable transfer he can switch between the old and new pairs to see if both are properly connected.



SPECIFICATIONS:

Unit Size	8.5 x 8 x 3 inches (21.6 x 20.3 x 7.6 cm)
Unit Weight	6 lbs (2.7 kg)
Shipping Weight	7 lbs (3.2 kg)
Batteries	Seven 9V Alkaline NEDA 1604
Operating Temp,	0 to 120° F (-18 to 48°C)
Tone	577 Hz Precision simplex or grounded
Test Ranges -	Voltage: 0-200 VDC Resistance: 0-10 megohm Length: 0-100,000 ft

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ORDERING INFORMATION:

Throwmaster Cable Test Set, Model 102A - measures in feet.

Throwmaster Cable Test Set, Model 102AM - measures in meters.
Both versions are shipped complete with batteries and cords.

Optional Accessories

Soft-Pak Carrying Case (P/N 1400-0135) is a durable padded nylon case that protects the Throwmaster from scuffs and scratches.

Model 306 Test Cord is a 25 pair wye cord to attach a Switchmaster to two cutter pressers.

Model 311 Test Cord is a general purpose test cord unterminated on one end.