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CT64 CABLE TESTER

Universal cable testing equipment.



PRODUCT DESCRIPTION

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The *CT64 Cable Tester* is a device for testing wiring in cables. It is able to test for continuity between all combinations of contacts on any type of cable and compare the information to a pre-defined connection configuration.

FEATURES

- High-speed testing of any type of cable using appropriate adaptor.
- PC based application software for creating cable configurations.
- Learn cables automatically and store for testing.
- User-definable text for pin names to simplify fault-finding.
- User-definable tones and text for PASS and FAIL results.
- Linking of multiple units enables testing of cables with many more pins.
- Support for “may be connected” pins.
- Power-on self test.



The *CT64 Cable Tester* shown connected to a cable adaptor (bottom of unit). The connector used on the unit is an industry-standard class 1 DIN41612 64 way plug (3-row C body, A+C). The mating connector used in the adaptor is of low-cost and readily available, this enables the customer to produce their own adaptors if required. *SMR Electronics Limited* also provide a service for making adaptors to customers specifications, to discuss your requirements or request a free, no-obligation quote please e-mail adaptors@smr-electronics.co.uk with your details.

All adaptors produced by *SMR Electronics Limited* are to a high standard, using class 1 (industrial rated) connectors and including backshell with positive-locking latches (as illustrated). Plugs and sockets used for connection to customers cable on the adaptor must be specified when a request is made for a quote.

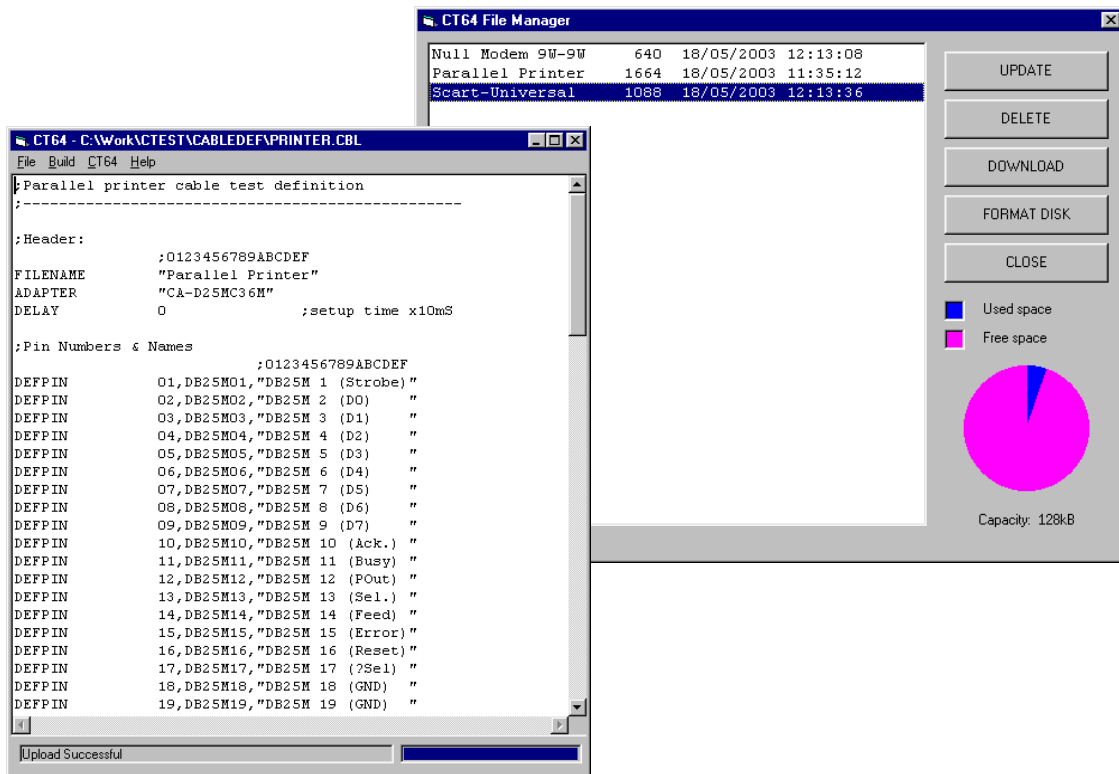
SPECIFICATIONS

- Maximum number of contacts tested: **64** (up to **512** by linking units together).
- Number of cable configurations stored: **39*** (64kB EEPROM memory).
- Time taken to perform test (cable passed): less than **1 second***.
- Power supply: 9V external 240V (or 115V) AC mains adaptor (supplied).

* Approximate values based on reference configuration for standard parallel printer cable.

ACCESSORIES

- PC host software* on CD-ROM supplied with every unit, free updates available at www.smr-electronics.co.uk/products/ct64/updates.
- 9W-9W Serial lead supplied for connection to host PC, or for linking units together (testing cables with more than 64 pins).
- Adaptors available for common cable types off-the-shelf (see list at www.smr-electronics.co.uk/products/ct64/adaptors).
- Cable configurations available for free download from www.smr-electronics.co.uk/products/ct64/cabledefs.
- Custom adaptors available for manufacture. For a free quote, please e-mail adaptors@smr-electronics.co.uk with details.



- System requirements: 100MHz Pentium or equivalent IBM PC or 100% compatible computer running Microsoft Windows 95/98/ME/2000/XP, CD-ROM drive, serial port and min. VGA graphics (800x600 SVGA recommended).

TECHNICAL

- Processor: 8-bit RISC, 15MHz with 64kB EEPROM (128kB max).
- Connections: 2x RS232 serial, power jack, 64W test port, ground screw.
- Display: 16x4 character LCD alphanumeric.
- Test parameters: 0.5mA at 5V DC, open collector with passive pull-up.
- Power consumption: <100mA average (0.9W), 300mA peak (2.7W).
- Dimensions: (HxWxD) 1.8" x 6.1" x 7.4" (46 x 155 x 188mm).
- Weight (net): 15.6 oz. (450g). Shipping weight: 38.5 oz. (1100g).



Note: Printer is currently not available.

Information provided in this document by *SMR Electronics Limited* is believed to be accurate and reliable. However, no responsibility is assumed for its use, nor for any inaccuracies or omissions that may be present. Use of this product to test cables or wiring that will subsequently be used in a critical application is not recommended and *SMR Electronics Limited* accept no liability whatsoever for injury or damage caused to persons or property resulting from failure of cabling or wiring harnesses which previously passed tests conducted on this unit. This unit is provided with a guarantee against failure for a period of one year from date of purchase. During this time *SMR Electronics Limited* will replace or repair (at our discretion) any unit found faulty through normal use. This guarantee does not cover misuse, or use for which the product is not designed and is also void if cables are connected to the unit with the other end or another part or said cable still connected to a device or power source.