



# CT2

## CABLE TESTER



# OWNER'S MANUAL

## Warranty

1. Please register your product online at [www.dbxpro.com](http://www.dbxpro.com). Proof-of-purchase is considered to be the responsibility of the consumer. A copy of the original purchase receipt must be provided for any warranty service.
2. dbx warrants this product, when purchased new from an authorized U.S. dbx dealer and used solely within the U.S., to be free from defects in materials and workmanship under normal use and service. This warranty is valid to the original purchaser only and is non-transferable.
3. dbx liability under this warranty is limited to repairing or, at our discretion, replacing defective materials that show evidence of defect, provided the product is returned to dbx WITH RETURN AUTHORIZATION from the factory, where all parts and labor will be covered up to a period of two years. A Return Authorization Number must first be obtained from dbx. The company shall not be liable for any consequential damage as a result of the product's use in any circuit or assembly.
4. dbx reserves the right to make changes in design or make additions to or improvements upon this product without incurring any obligation to install the same additions or improvements on products previously manufactured.
5. The foregoing is in lieu of all other warranties, expressed or implied, and dbx neither assumes nor authorizes any person to assume on its behalf any obligation or liability in connection with the sale of this product. In no event shall dbx or its dealers be liable for special or consequential damages or from any delay in the performance of this warranty due to causes beyond their control.

## Technical Support & Service

If you require technical support, contact dbx Technical Support. Be prepared to accurately describe the problem. Know the serial number of your device – this is printed on a sticker attached to the chassis.

Before you return a product to the factory for service, we recommend you refer to this manual. Make sure you have correctly followed installation steps and operating procedures. For further technical assistance or service, please contact our Technical Support Department at (801) 566-8800 or visit [www.dbxpro.com](http://www.dbxpro.com). If you need to return a product to the factory for service, you MUST first contact our Technical Support Department to obtain a Return Authorization Number.

**NO RETURNED PRODUCTS WILL BE ACCEPTED AT THE FACTORY WITHOUT A RETURN AUTHORIZATION NUMBER.**

Please refer to the Warranty information, which extends to the first end-user. After expiration of the warranty, a reasonable charge will be made for parts, labor, and packing if you choose to use the factory service facility. In all cases, you are responsible for transportation charges to the factory. If the product is still under warranty, dbx will pay the return shipping.

Use the original packing material if it is available. Mark the package with the name of the shipper and with these words in red: DELICATE INSTRUMENT, FRAGILE! Insure the package properly. Ship prepaid, not collect. Do not ship parcel post.

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## Overview

### Introduction

We all know how frustrating and time consuming it can be when your audio cables fail. With the dbx CT2 cable testing unit you can now evaluate a large variety of your cables with ease. The CT2 offers many common connectors such as Speaker Twist, XLR, Phono, BNC, DIN, TRS, TS, DMX, & Banana. The CT2 allows for testing cables even with different connectors at each end. For example, it is simple to test a TRS to XLR cable. With well illuminated LED indicators and a simple rotary dial, users can quickly establish whether a cable is wired and functioning correctly, or if it is dead and in need of repair.

### Features

- *6-position rotary selector with individual LED's for up to five pins plus internal battery life check*
- *'Banana' connector continuity tester with beeper and LED indicator*
- *Super-rugged construction for durability and longer life*
- *(2) Speaker Twist connectors for testing of 4 pin->to pin connections*
- *(2) XLR connectors (1 x Male, 1 x Female) for testing of 3 pin->to pin connections*
- *(2) RCA Phono connectors for testing of 2 pin->to pin connections*
- *(2) BNC connectors for testing of 2 pin->to pin connections*
- *(2) MIDI (5-pin DIN) connectors for testing of 5 pin->to pin connections*
- *(2) DMX (5-pin) connectors for testing of 5 pin->to pin connections*
- *(2) 1/4" TRS connectors for testing of 3 pin->to pin connections*
- *(2) Banana connectors for testing of 1 pin->to pin connections*

## Application & Operation

### 9 Volt Battery Power & Battery Tester

The CT2 requires power from a standard 9V battery for operation (battery not included). You can check battery performance by simply selecting the rotary selector fully clockwise to the 'Battery Check' position. If the LED indicator illuminates your battery has tested OK. If the LED fails to illuminate your battery is drained of power and requires replacement.

Warning: Do not connect cables with PHANTOM POWER already present or any kind of power passing through them. The unit could be damaged and will not be covered by Warranty.

### Battery Replacement

There is a battery compartment housed within the CT2 with access provided through a removable compartment cover. Simply remove the battery compartment cover to gain access to the battery compartment for battery installation, or replacement of drained batteries.

### General Operation Procedure

The basic operation guide for testing cables is to connect one end of your cable to the left hand side connector sockets of the CT2, and the other end of your cable to the right hand side of the CT2. Depending on how many pin to -> pin cable connections are housed within your currently connected cable, simply turn the rotary dial through each position and take note of the LED indicators status (on/off). If the selected pin to -> pin connection is OK, the paired LED's for the appropriate selection will be illuminated. A failed connection status can be observed by taking note of non illuminated pairs.

For single pin 1 to ->1 connections there are two (2) banana connections on the front panel permanently wired as a continuity tester with LED and beeper indicators, simply connect each end of your single pin cable to indicate operational status with an illuminated LED and status beep.

### Connector Pin Assignments

#### TRS

1=sleeve  
2=tip  
3=ring

#### Phono

1=sleeve  
2=tip

#### Speaker Twist

1= -1  
2= +1  
3= -2  
4= +2

### LED Indicators & Rotary Dial Selector

The rotary dial is where you select cable pin connections for testing. LED's indicate operational status of the selected paired pins.

#### LED indicator reference

- Illuminated pair of LED's indicates corresponding pins connected successfully.
- Ground LED illuminated indicates short circuit from pin to shell.

# Specifications

## POWER REQUIREMENT

9V battery (Battery not included)

## DIMENSIONS

8.9cm (W) x 14cm (L) x 3.7cm (H)

3.5" (W) x 5.5" (L) x 1.5" (H)

dbx is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or shown.

## Important Note:

Every effort has been made to ensure all information provided in this manual is accurate at the time of writing.

dbx is not liable for any incorrect information contained in this manual and extends no liabilities in regard to this manual other than those required by local law.

dbx may update the contents of this manual at any time without prior notice. The latest version of this manual is available from the dbx website at all times.

[www.dbxpro.com](http://www.dbxpro.com)

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CT2 Owner's Manual

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