

AxTalk Analyzer™

Installation Guide

AxTalk Analyzer™ software, along with the DTX-1800 CableAnalyzer, is an effective tool for testing the impact of both near-end and far-end alien crosstalk on disturbed links and for testing and identifying disturber links within a cable bundle. It supports a range of IEEE802.3 10GBASE-T and Augmented Category 6 cabling test standards and supporting guidelines. AxTalk Analyzer calculates and presents in graphical format the power sum impact of alien crosstalk from multiple disturber links on the victim link. From AxTalk Analyzer, users can also generate test reports and save test data.

System Requirements

Hardware Requirements

The DTX-1800 CableAnalyzer with its accessories, including a USB cord and contents of the DTX-1800 AxTalk Analyzer Kit are required for alien crosstalk testing.

The DTX-1800 AxTalk Analyzer Kit includes:

- AxTalk Analyzer software CD
- Installation Guide
- 2 DTX-AXTK1 Alien Crosstalk Modules for communication between main and remote DTX units during testing
- 2 DTX-PLA002 Cat 6A / Class E_A Permanent Link adapters
- 2 DTX-CHA001A Cat 6 / Class E Channel adapters
- 4 terminated plugs
- 4 Universal Adapters

In addition, two Ethernet patch cords are required to connect the main and remote DTX units during alien crosstalk testing.

PC Requirements

PC hardware requirements for AxTalk Analyzer include:

- 1 GHz Pentium® microprocessor system
- 256 MB of RAM
- Windows® 98, 2000, ME, or XP
- Monitor with 1024x768 resolution (16 bit color or higher recommended)
- USB port for connectivity with the DTX-1800 CableAnalyzer

A laptop computer is suggested for portability at the test site.

Software Requirements

Software requirements for alien crosstalk testing include:

- LinkWare version 2.5 or later installed on PC
- DTX-1800 software version 1.31 or later
- AxTalk Analyzer version 2.0 or later

Installing and Updating Software

To prepare for alien crosstalk testing, first update LinkWare software. Then install DTX software updates from the LinkWare program. You can download LinkWare and DTX-1800 software updates from the Fluke Networks website Technical Support area.

www.flukenetworks.com

Updating LinkWare

Before installing AxTalk Analyzer, you will need to update LinkWare software to version 2.5 or later. Download LinkWare release versions from the Fluke Networks website Technical Support area.

Updating DTX Software

To update DTX software:

- 1 Connect the DTX main and remote units using the channel adapters connected by a patch cable or other suitable link.
- 2 Connect the DTX to the PC using its USB cord.
- 3 Download updated DTX firmware from the Fluke Networks website Technical Support area and install this using LinkWare software.
- 4 Open LinkWare and check the DTX software version by selecting **Utilities > DTX CableAnalyzer > Software Version**.

Installing AxTalk Analyzer

To install AxTalk Analyzer:

- 1 Install the AxTalk Analyzer CD in your computer's CD drive.
- 2 When the setup window is displayed, click **Next** to begin installation.
- 3 Follow the steps to install the software.

Check the Fluke Networks website Technical Support area for software version updates.

Contacting Fluke Networks



www.flukenetworks.com



support@flukenetworks.com



+1-425-446-4519

- Australia: 61 (2) 8850-3333 or 61 (3) 9329-0244
- Beijing: 86 (10) 6512-3435
- Brazil: 11 3044 1277
- Canada: 1-800-363-5853
- Europe: +44-(0)1923-281-300
- Hong Kong: 852 2721-3228
- Japan: 03-3434-0510
- Korea: 82 2 539-6311
- Singapore: 65 6799-5566
- Taiwan: (886) 2-227-83199
- USA: 1-800-283-5853

Visit our website for a complete list of phone numbers.

Registering AxTalk Analyzer

Registering your product with Fluke Networks gives you access to valuable information on product updates, troubleshooting tips, and other support services. To register, fill out the online registration form on the Fluke Networks website at www.flukenetworks.com/registration.

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Fluke Networks
PO Box 777
Everett, WA 98206-0777
USA

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