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# FiberXpert OTDR 5000

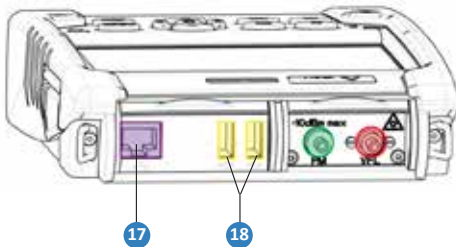
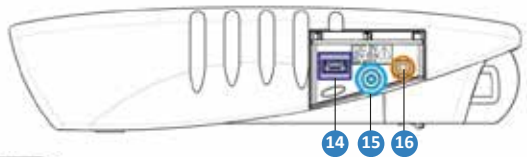
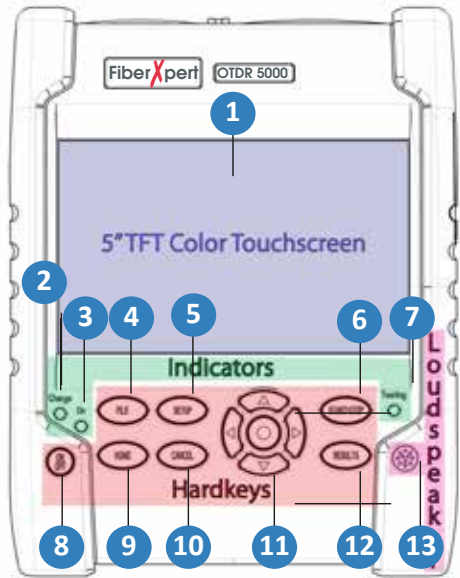


IT Networks

Quick Start Guide

# PLATFORM OVERVIEW

- 1 5" Touchscreen
- 2 Charge indicator
- 3 On indicator
- 4 File
- 5 Setup
- 6 Start/Stop
- 7 Testing indicator
- 8 On/Off
- 9 Home
- 10 Cancel
- 11 Direction keys & validation
- 12 Results
- 13 Loudspeaker
- 14 Mini USB port
- 15 AC/DC Input
- 16 Headset Jack
- 17 RJ45 connector
- 18 USB ports (2)



To access the User Manuals concerning the FiberXpert OTDR 5000, go to the Home page and select HELP icon. Click on one link in the WebBrowser page to open the corresponding manual in PDF. You can also transfer pdf files onto USB key or onto PC (see «Transferring files - Through USB key» and «Transferring files - Through USB cable»).

# LASER SAFETY INFORMATION

The provisions contained in two standards define the safety procedures to be observed both by users and by manufacturers when utilizing laser products:

EN 60825-1: 2001 - Safety of laser products – Part 1: Classification of products, requirements and user guidelines. FDA 21 CFR § 1040.10 - Performance standards for light-emitting products – Laser products. Due to the range of possible wavelengths, power values and injection characteristics of a laser beam, the risks inherent in its usage vary. The laser classes form groups representing different safety thresholds.

Due to the reduced dimensions of the optical modules, it is not possible to attach the required warning labels to them. In line with the provisions of Article 5.1 of the EN 60825-1 standard, the laser class identification labels are shown below:

Ref. standard	EN 60825-1, Edition 1.2, 2001-08	FDA21CFR§1040.10
Class 2	LASER RADIATION DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT	LASER RADIATION - DO NOT STARE INTO BEAM CLASS II LASER PRODUCT

The user must take the necessary precautions concerning the optical outputs of the instrument and follow the manufacturer’s instructions.

# PERFORMING A TEST IN EXPERTOTDR MODE



1 Once OTDR test is configured, press START/STOP to launch the acquisition

2 Step1: connector check  
Step2: acquisition in progress

3 At the end of test, the results trace displays.

1 Trace: select the active trace (multi-traces analysis) Event: move the active cursor onto events

2 Zoom: zoom on trace Shift: displace the displayed trace section

3 Select Cursor A and/or B

4 Display Trace only, Trace + Table or Summary page

5 Create a pdf report of the OTDR results

6 Access Advanced functions (manual/auto measurements, overlay function...)

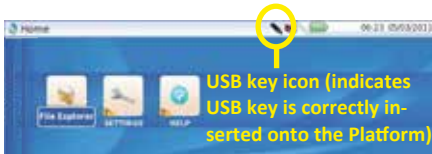


# TRANSFERRING FILES - THROUGH USB KEY

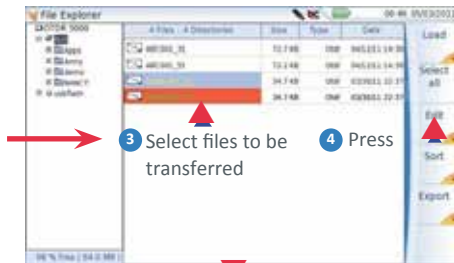
1 Insert a USB key into one of the USB ports of the OTDR.



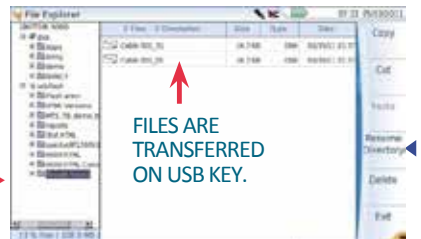
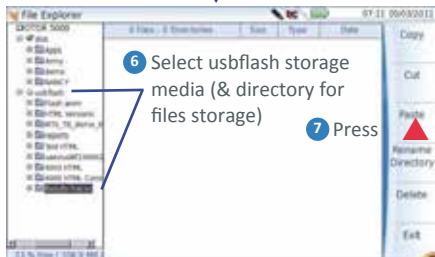
2 On the Home page, select File Explorer icon.



## PLATFORM OVERVIEW



5 Press **Copy** or **Cut**



Press «Exit» > «Remove USB» to correctly remove USB key from FiberXpert OTDR 5000

# TRANSFERRING FILES - THROUGH USB CABLE

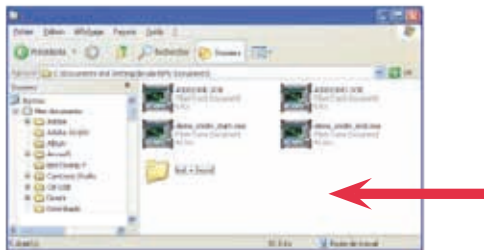
- 1 Connect the FiberXpert to a PC using the USB cable and confirm that you wish to activate the USB link in the pop-up window on the FiberXpert.
- 2 On your PC, click on the message «Found New Hardware - USB Mass Storage Device».



- 4 In the new window, displaying the FiberXpert content, select files to be transferred.



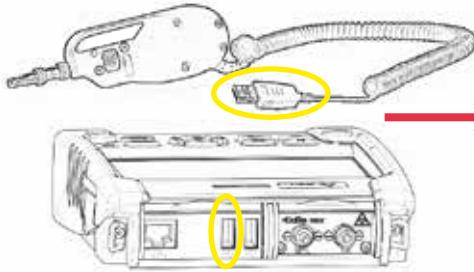
- 5 Press Ctrl + C (or right click & select Copy)



- 6 On the PC, open the directory in which files must be transferred and press Ctrl + V (or right click & select Paste).

# USING A VIDEO MICROSCOPE SCOPE

- 1 Connect the microscope to the FiberXpert USB port.



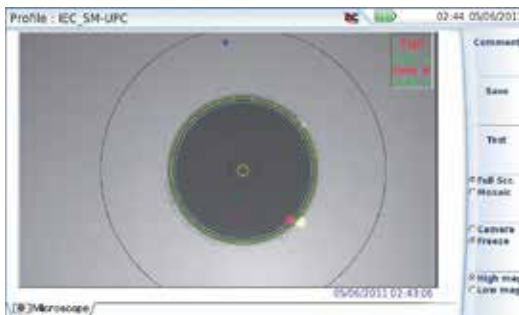
- 2 On the Home page, select the Scope icon.



- 3 Use Focus control button on Scope to adjust focus.



- 4 A summary of test results is displayed. Zones: A - Core / B - Cladding / C - Ferrule



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