ANT-20/ANT-20E, SONET Version Start me up

Quick Operating Guide

This leaflet tells you about the ANT-20's user interface to get you started quickly and easily. Many other functions are self-explanatory, so you don't need the full manual to see how they work.

Contents

- A. Setting the signal structure
- B. Selecting the instruments you need
- C. Measuring
- D. Saving the application
- E. Saving the results

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Subject to change without notice



A. Setting the signal structure

• Find the "mini-bar" window



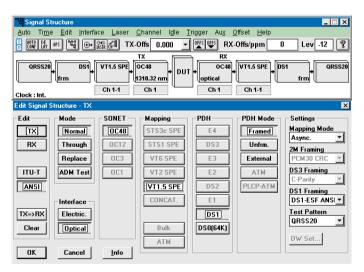
• Click on the "Signal Structure" button

The mini-bar is always displayed. It shows the measurement status. The buttons in the mini-bar are used to switch between the various windows in the ANT-20 user interface.

Signal Structure
Auto Time Edit Interface Laser Channel Idle Trigger Aux Offset Help
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The <u>"ANT-20 Signal</u> <u>Structure</u>" window opens. It shows the last signal structure that was set.

Click on "<u>E</u>dit" → "<u>S</u>ignal Structure"



The <u>"Signal Structure</u> <u>Editor"</u> window opens. You can now set the signal structure that you want.

- When you click "Clear", either the Tx or Rx side will be cleared, depending on the previous setting.
- Set the signal structure (Tx or Rx) by selecting one of the active buttons.
- Click **"TX** → **RX"** or **"RX** → **TX"**. The transmitter and receiver sides have now the same signal structure.
- Click on "OK". The settings you made will then be activated.

B. Selecting the instruments you need

• Go to the "mini-bar" window

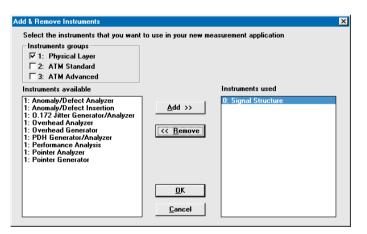
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• Click on the "WG" button



The <u>"ANT-20 Application</u> <u>Title</u>" window opens. It may show the name of the last application used.

Click on Instruments → Add & Remove



The <u>"Add & Remove</u> <u>Instruments"</u> window opens. It shows all the available instruments. A list of instruments in use is shown on the right. Those not yet in use are shown on the left.

- Select the instruments that you want to use (do not select more than 5).
- To select an instrument use the "Add >>" command or double-click on the instrument.
- When you have finished selecting instruments, click on "OK".

B. Selecting the instruments you need (continued)

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The windows for the instruments you selected will open. The example here shows the <u>"Anomaly/Defect</u> <u>Analyzer" and <u>"Anomaly/Defect</u> <u>Insertion"</u> windows.</u>

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Application Instruments Measurement	<u>C</u> onfigure <u>H</u> elp	
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You can switch between these instruments (even during the measurement) using the buttons in the "mini-bar".

C. Measuring

• Press function key F5 ("Start measurement") on the keyboard to start the measurement.

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Application Instruments Measurement	<u>C</u> onfigure <u>H</u> elp	
8 2 5	Running 00m 59s of 01h:00m	TX-Defect 🔒

The window indicates the **elapsed time and the measurement time** (in seconds).

The traffic light symbol in the <u>"Application Title"</u> window changes to red and the measurement starts. To stop the measurement, press function key **F6** ("Stop measurement") or click on the **red traffic light symbol.**

🛗 Anomaly	Defect	Analyzer				_ 🗆 🗵
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Example: The light area in the <u>"Anomaly/Defect Analyzer"</u> window shows the measurement in progress and the cursor position.

D. Saving the application

• Stop the measurement before you save the application (press function key F6).

Application Instruments Measurement Configure Help Application Instruments Measurement Configure Help Den Citi-0 Stopped 01m:04s of 01h:00m Save Citi-S Save As • Go to the "ANT-20 Application Title" window.	
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Save Application As X Destination Image: A image: C image: B image: A image: C image: B image: A image:	You will see the date, time and the Rx/Tx configuration. You must enter a name for the application in the "Comment" box.

• Click on "OK".

The name you entered will now be shown in the "ANT-20 Application Title" window.

E. Saving the results

• Stop the measurement before you save the results (press function key F6).



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Save file as <u>t</u> ype: ANT-20 Results (*.ara)▼	Dri <u>v</u> es: © c: harddrive	•	 Click on "OK".