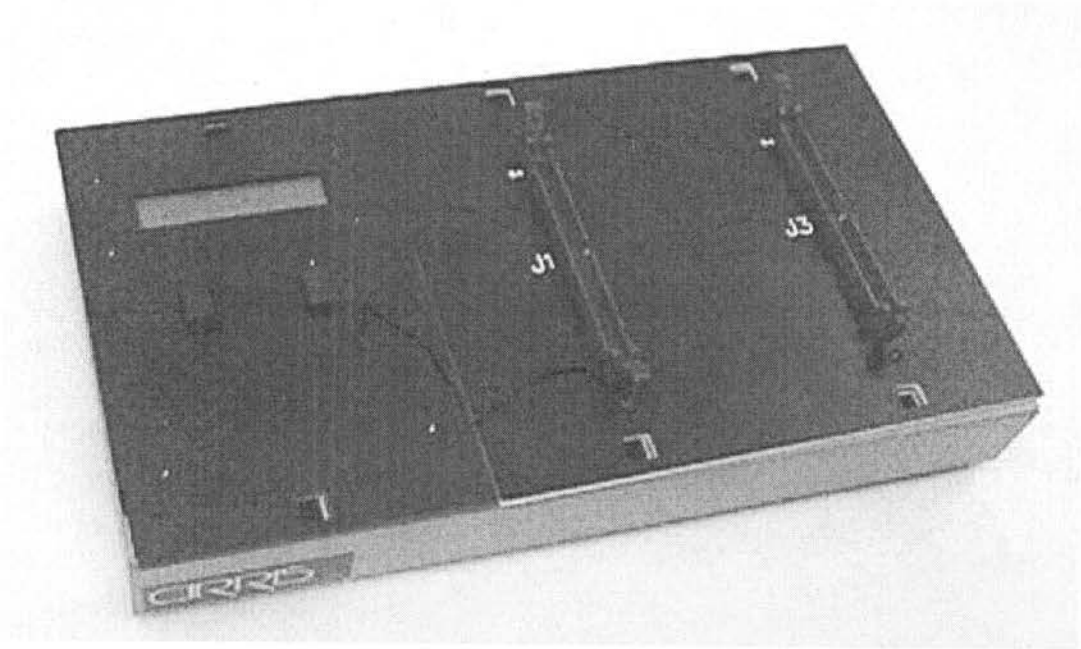
Cirris 1000AM/2000AM Performance Verification Manual

Version 1.0
August, 1998



CIRRIS

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Cirris 1000AM/2000AM Performance Verification Manual

Version 1.0

August, 1998

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Introduction

What is in this manual? This manual explains how to use the 1000AM/2000AM Performance Verification Kit to make sure that your Cirris Signature 1000AM or 2000AM Cable Analyzer is operating properly.

Overview

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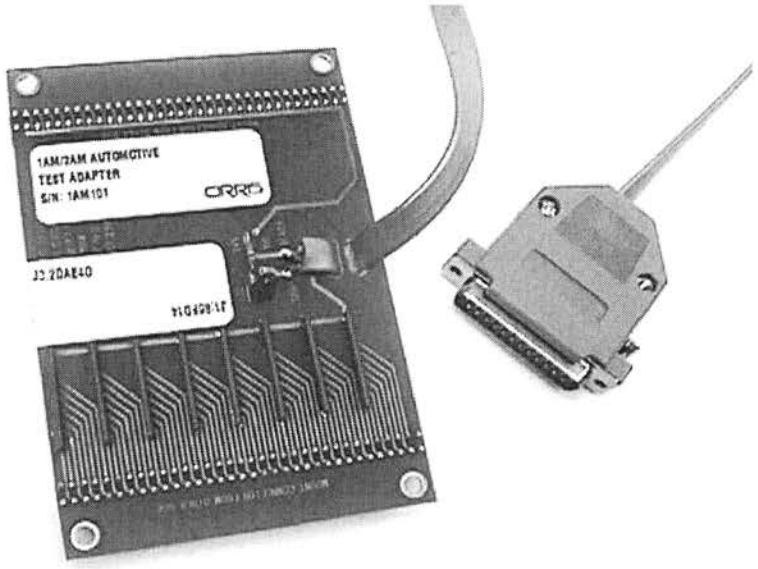
The Performance Verification Kit

What you'll need To verify that your Signature 1000AM or 2000 AM is operating correctly, you'll need these items:

- This manual.
- Your Signature 1000AM or 2000AM Cable Analyzer.
- Power cord with wall transformer (provided with the analyzer).
- Printer port interface cable.
- Test adapter

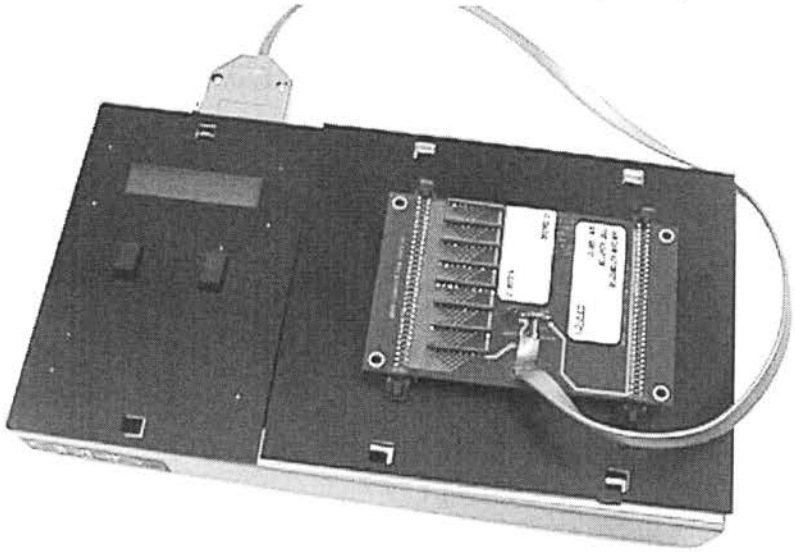


1000AM/2000AM Test Adapter

How to Set Up for the Performance Verification Test

When to use Use this procedure to set up your Cirris Signature 1000AM or 2000AM Cable Analyzer for performance verification testing.

Procedure 1. Connect the cable analyzer to the test adapter using the printer port interface.



Test adapter connected to analyzer using printer port interface

2. Plug the wall transformer into a standard electrical outlet, and the power cord into the cable analyzer.

3. Turn on the cable analyzer.

How to Verify Your Analyzer's Operation

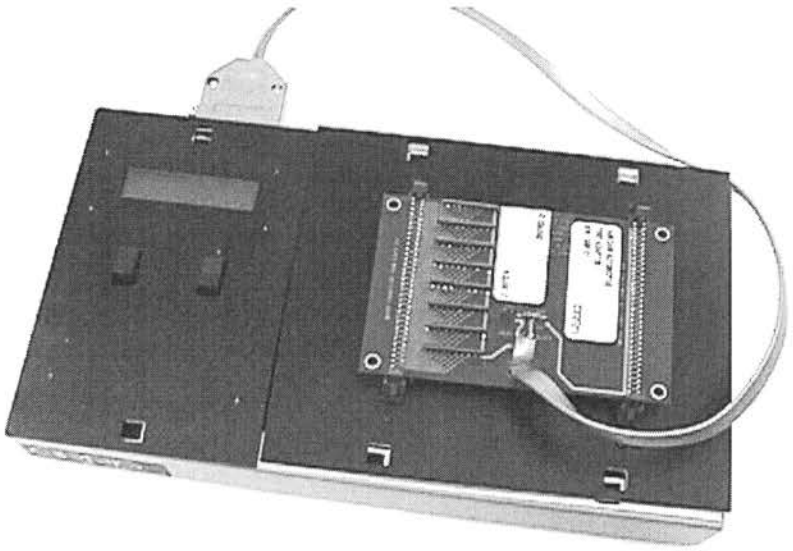
When to use Use this procedure to verify that connector positions J1 and J2 on your 1000AM or 2000AM cable analyzer are working properly. First, you must set the options in the analyzer. Then you will do the actual performance verification.

Procedure for setting options

1. Remove **all** adapters (and any other connections) from the connectors on your analyzer.
2. Turn on the analyzer while you hold down the `Advance Display` button. The display shows READY TO SET UP OPTIONS.
3. Release the `Advance Display` button. The display shows ERROR TONES ARE OFF.
4. Press the `Advance Display` button. The display will show whether the LOCK ON LEARN option is on or off. If it is ON, press the `Store` button to set it to OFF.
5. Press the `Advance Display` button. The TEST DELAY option should be set to SHORT.
6. Press the `Advance Display` button. The IGNORE UNUSED option should be set to OFF.
7. Press the `Advance Display` button. The SORTED WIRE LIST option should be set to OFF.
8. Press the `Advance Display` button. the COUNT ALL CABLES option should be set to OFF.
9. Press the `Advance Display` button. The AUTO PRINT option should be set to OFF.
10. Press the `Advance Display` button. The analyzer should now display READY TO LEARN. **Note**: If the analyzer does not display "Ready to Learn," it needs service.
11. Turn off the analyzer.

Procedure for verification

1. Install the test adapter at connector positions J1 and J2 on the analyzer as indicated here. **Important!** Be sure to orient the adapter so that J1 (the end with the SIP resistors near the connector) on the adapter is plugged into J1 on the analyzer.



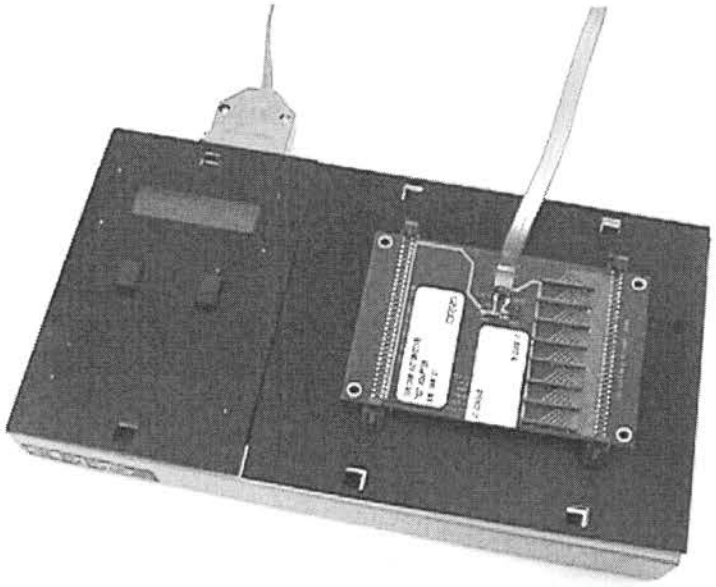
Test adapter installed with J1 on adapter plugged into J1 on analyzer. Note that the row of SIP resistors on the adapter is close to the analyzer's LCD display

2. Turn on the analyzer.

If	then
the computer displays the signature **86FD14**	the analyzer passes the test.
the computer displays any other signature	your analyzer needs service.

3. Turn off the analyzer.

4. Install the test adapter at connector positions J1 and J2 on the analyzer is indicated here. **Important!** Be sure to orient the adapter so that J1 on the test adapter is plugged into J2 on the analyzer. To do this, put the end with the SIP resistors away from the analyzer's display.



Test adapter installed with J1 on adapter plugged into J2 on analyzer. Note that the row of SIP resistors on the adapter is oriented to be as far as possible away from the analyzer's LCD display.

5. Turn on the analyzer.

If	then
the computer displays the signature **2DAE40**	your analyzer passes the test.
the computer displays any other signature	your analyzer needs service.

Conclusion:

Did your analyzer pass or fail?

If	then
the analyzer passed both of the tests you've performed	your analyzer is operating properly. You can proceed to test cables as usual.
your analyzer failed either or both of the test you've performed	your analyzer needs service.

Does your analyzer need service? If you find that your Signature 1000AM or 2000AM Cable Analyzer needs service, you should contact us at (801) 975-4600 or (800) 441-9910. If you would prefer to contact us by fax, dial (801) 973-4609.