

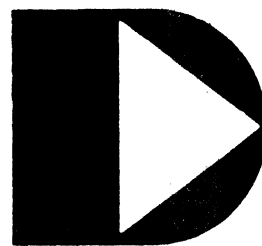
# **SYSTEM CHECK SYSCHK User's Guide**

Version 1

November, 1975

Model Code No. 50209

**DATAPoint CORPORATION**



**The leader in dispersed data processing™**

SYSTEM CHECK  
SYSCHK

User's Guide

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## PREFACE

SYSCHK is an operator oriented program which will automatically check the entire DOS.C system and media.

SYSCHK is designed to provide a confidence level and point out possible problem areas. It will not allow corrective action by the user as correcting DOS system problems usually is not an operator function.

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## CHAPTER 1. OPERATION

There are two operations for SYSCHK. They are:

1. SYSCHK must be "MIN"ed to an operational diskette before use.
2. The only entry required after loading the program is drive # (0-3).

## CHAPTER 2. FUNCTION

Under SYSCHK, the following are checked in the order given. They are:

1. Cylinder Lock-Out
  - A. All cylinders are checked for readability. This includes sector and data fields.
  - B. Any bad tracks are compared with the DOS lockout table. If not listed, an error condition is indicated. The cylinder in error is posted on the right of the screen in octal format.
2. Cluster Allocation Table
  - A. Checks for proper format and read errors in C.A.T. Master and Copy areas.
  - B. If incorrect format or if Master and Copy do not match, an error is indicated.
3. Directory
  - A. Check for proper format and read errors in the Directory Master and Copy areas.
  - B. If incorrect format or if Master and Copy do not match, an error is indicated and the Master and Copy is displayed.
4. Retrieval Information Blocks
  - A. All R.I.B.'s are checked for read errors and continuity.
  - B. An error is indicated if detected.
5. Allocation of Clusters
  - A. Cluster Allocation conflicts between files that are checked.
  - B. If an error is detected the file name in error is posted.

On successful completion, the DOS system is loaded. If the user has a program "Autoed", it will be loaded and run as in a normal start up.

If an error was detected in any test section, a jump loop is entered (rather than "halt"). This is to prevent the error data displayed from being rolled off the screen by DOS if auto-restart mode is on.

Manual Name \_\_\_\_\_

Manual Number \_\_\_\_\_

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Did you find errors in this manual? If so, specify by page.

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Did you find this manual understandable, usable, and well-organized? Please make suggestions for improvement.

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