

# Floppy drives & Controller

PRODUCT CODE:           MAINDEC-08-DIRXA-D-D  
PRODUCT NAME:           RX8/RX01 DIAGNOSTIC PROGRAM  
DATE:                    JUNE, 1977  
MAINTAINER:             DIAGNOSTIC ENGINEERING

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1. ABSTRACT  
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THIS PROGRAM IS DESIGNED TO TEST THE RX01 FLEXIBLE DISKETTE SUBSYSTEM CONFIGURED AS A COMPLETE SUBSYSTEM, (RX8 INTERFACE, RX01 CONTROL, AND DISKETTE DRIVES), OR AS A PARTIAL SUBSYSTEM (INTERFACE, AND/OR CONTROL). OBVIOUSLY THE MAXIMUM RESOLUTION POSSIBLE IS ACHIEVED BY TESTING THE RX01 DISKETTE SUBSYSTEM CONFIGURED AS A COMPLETE SUBSYSTEM.

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REVISION C

THE ADDITION OF THE CONSOLE PACKAGE.  
THE REMOVAL OF TEST THREE (3).  
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REVISION D

THE ADDITION OF THE NEW CONSOLE PACKAGE.  
COMPATABILITY FOR VT78 SYSTEMS.  
ABILITY TO TEST 2 RX01 UNITS(4 DRIVES).  
INTERLEAVING WAS MODIFIED FOR VT78.

2. REQUIREMENTS  
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2.1 EQUIPMENT  
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A PDP-8/E TYPE GENERATION COMPUTER WITH 4K OF CORE, CONSOLE SWITCHES, TELETYPE, AND AN RX01 DISKETTE SUBSYSTEM.  
THE DIAGNOSTIC CAN RUN WITHOUT HARDWARE SWITCH IF THE CONSOLE PACKAGE IS USED. IF THE CONSOLE PACKAGE IS ACTIVE 8K OF CORE IS NEEDED.

2.2 STORAGE  
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THIS PROGRAM IS DESIGNED TO BE RUN STAND ALONE AND MUST OCCUPY PROGRAM LOCATIONS 0 THRU 7577 OF FIELD 0.  
THE CONSOLE PACKAGE OCCUPIES FIELD 1 LOCATIONS 0 TO 1100.  
FIELD 1 IS NEEDED ONLY IF THE CONSOLE PACKAGE IS BEING USED.

2.3 PRELIMINARY DIAGNOSTIC PROGRAMS  
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THIS PROGRAM ASSUMES THAT THE HOST PDP IS FUNCTIONING CORRECTLY.