1374 Control Unit

Troubleshooting Guide

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COMPLIANCE STATEMENTS (VDE AND DEUTSCHES BUNDESPOST)

This equipment has been tested concerning compliance with the relevant RFI protection requirements, both individually and on a system level (to simulate normal operation conditions). However, it is possible that these RFI requirements are not met under certain unfavorable conditions in other installations. It is the user who is responsible for compliance of his particular installation.

Compliance with applicable regulations depends on the use of shielded cables. It is the user who is responsible for procuring the appropriate cables.

Dieses Gerät wurde sowohl einzeln als auch in einer Einlage, die einen normalen Anwendungsfall nachbildet, auf die Einhaltung der Funkentstörbestimmung geprüft. Es ist jedoch möglich daß die Funkentstörbestimmung unter ungünstigen Umständen bei anderen Gerätekombinationen nicht eingehalten werden. Für die Einhaltung der Funkentstörbestimmung einer Anlage, in der dieses Gerät betrieben wird, ist der Betreiber verantwortlich.

Einhaltung mit betreffenden Bestimmung kommt darauf an, daß geschirmte Ausführungen gebraucht werden. Für die Beschaffung richtiger Ausführungen ist der Betreiber verantwortlich.

WARNING

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for Class A computing devices pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference. Operation of this equipment in a residential area is required to take whatever measures may be required to correct the interference.

CERTIFICATES

CERTIFICATE BY MANUFACTURER/IMPORTER

This is to certify that the 1374-1L Model 1, 1374-1R Model 1, 1374-2R Model 1, 1374-3R Model 1, 1374-71R Models 1 and 2, 1374-72R Models 1 and 2 is/are shielded against radio interference in accordance with the provisions of Vfg 1046/1984.

The German Postal Services have been advised that this device is being put on the market and that they have been given the right to inspect the series for compliance with the regulations.

BESCHEINIGUNG DES HERSTELLERS/IMPORTEURS

Hiermit wird bescheinigt, daß die 1374-1L Model 1, 1374-1R Model 1, 1374-2R Model 1, 1374-3R Model 1, 1374-71R Models 1 and 2, 1374-72R Models 1 and 2 (Gerät, Typ, Bezeichnung) in übereinstimmt mit den Bestimmungen der Vfg 1046/1984 und funkentstört ist/sind.(Amtsblattverfügung)

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmung eingeräumt.

1374 USER MANUAL PUBLICATIONS

1374 USER MANUALS

The 1374 user manuals needed to install, configure, and operate all the control units in Memorex Telex's 1374 product line are divided into two groups: basic publications and feature-specific publications.

BASIC PUBLICATIONS

The basic publications are the *1374 Product Family Guide*, *1374 Configuration Guide*, and *1374 Offline Utility Operations Manual*. These manuals contain information that applies to all the 1374 control unit models, regardless of their options.

FEATURE-SPECIFIC PUBLICATIONS

These publications are the *1374 ACS Operations Manual*, *1374 Central Site Customization Guide*, *1374 LAN Operations Manual*, and *1374 X.25 Operations Manual*. Each manual discusses a major 1374 optional function, such as attachment to a Token-Ring Local Area Network (LAN) or X.25 network operations. The control unit's functions determine which manuals you will need.

Use the chart below to direct you to the appropriate 1374 manuals.

If You Want To:	Use This Manual:
Install control unit and/or optional features.	*1374 Product Family Guide*
Configure control unit via LCP.	*1374 Configuration Guide*
Customize keyboards and devices via ASCII Definition Utility (ADU), System Definition Utility (SDU), and use DOS commands.	*1374 Offline Utility Operations Manual*
Use the ACS feature to attach terminals and printers to the control unit.	*1374 ACS Operations Manual*
Create system diskettes on an IBM-compatible PC/AT at a central site.	*1374 Central Site Customization Guide*
Attach control units to a Token-Ring LAN.	*1374 LAN Operations Manual*
Access X.25 packet-switched networks.	*1374 X.25 Operations Manual*

PREFACE

MANUAL CONTENTS

This manual contains the problem isolation and troubleshooting procedures for the 1374 family of control unit products.

This manual is divided into the following chapters:

Chapter 1. Power-On Testing – This chapter describes the power-on testing procedures and the functional tests performed when a 1374 Control Unit is powered on or IMLed.

Chapter 2. Monitor – This chapter describes Memorex Telex's exclusive sortware monitor and explains how it is used for troubleshooting hardware and software problems.

Chapter 3. Diagnostic Testing – This chapter describes the 1374 diagnostic software tools and explains how to run them on 1374 Control Units. Example troubleshooting svenarios are provided to show how to analyze faults using the diagnostics.

Chapter 4. Diagnostic Tests – Models 1L/1R/2R/3R – This chapter contains the diagnostic tests and error code descriptions for the 1374-0X series control units.

Chapter 5. Diagnostic Tests – Models 41R/42R/43R – This chapter contains the diagnostic tests and error code descriptions for the 1374-4X series control units.

Chapter 6. Diagnostic Tests – Models 51R/52R/53R – This chapter contains the diagnostic tests and error code descriptions for the 1374-5X series control units.

Chapter 7. Diagnostic Tests – Model 61R – This chapter contains the diagnostic tests and error code descriptions for the 1374-61R model control unit.

Chapter 8. Diagnostic Tests – Models 71R/72R/73R – This chapter contains the diagnostic tests and error code descriptions for the 1374-7X series control units.

Appendixes – The appendixes contain supplemental information found in the main body of this manual.

INTENDED AUDIENCE

This manual is intended for the service professional with the overall responsibility for maintaining and servicing the 1374 Control Unit.

Readers should be familiar with the IBM 3270 environment in which 1374 Control Units operate. Reference documentation from IBM or other supported vendors for additional information.

MANUAL CONVENTIONS

This manual uses the following conventions:

- User responses are in all UPPERCASE; however, the response may be upper or lower case, unless otherwise noted.
- Messages and prompts that appear on the terminal screen are enclosed in double quotation marks (" ").
- Coax terminals described in the manual are Control Unit Terminals (CUT), unless otherwise noted.

TABLE OF CONTENTS

TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS