TANDY®

Technician Series
Diagnostics Software

TERMPC

TECHCOMM TERMINAL SOFTWARE

01-0220 Computer Technical Services

IMPORTANT

READ THIS BEFORE USING THIS PRODUCT

This is a legal agreement between you, the end user, and Tandy Corporation. BY OPENING THIS SEALED PRODUCT, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE TO THE TERMS OF THIS AGREEMENT, PROMPTLY RETURN THE UNOPENED SEALED PRODUCT AND THE ACCOMPANYING ITEMS (including written materials and binders or other containers) TO THE PLACE YOU OBTAINED THEM FOR A FULL REFUND.

TANDY SOFTWARE LICENSE

1. GRANT OF LICENSE. Tandy grants to you the right to use one copy of the enclosed Tandy software program (the "SOFTWARE") on a single terminal connected to a single computer (*i.e.* with a single CPU). You may not network the SOFTWARE or otherwise use it on more than one computer or computer terminal at the same time.

2. COPYRIGHT. The SOFTWARE is owned by Tandy or its suppliers and is protected by United States copyright laws and international treaty provisions. Therefore, you must treat the SOFTWARE like any other copyrighted material (*e.g.* a book or musical recording) except that you may either (a) make one copy of the SOFTWARE solely for backup or archival purposes, or (b) transfer the SOFTWARE to a single hard disk provided you keep the original solely for backup or archival purposes. You may not copy the written materials accompanying the SOFTWARE.

3. OTHER RESTRICTIONS. You may not rent or lease the SOFTWARE, but you may transfer the SOFTWARE and accompanying written materials on a permanent basis provided you retain no copies and the recipient agrees to the terms of this Agreement. You may not reverse engineer, decompile or disassemble the SOFTWARE.

4. DUAL MEDIA SOFTWARE. If the SOFTWARE package contains both 3-1/2" and 5-1/4" disks, then you may use only the disks appropriate for your single-user computer. You may not use the other disks on another computer or loan, rent, lease, or transfer them to another user except as part of the permanent transfer (as provided above) of all SOFTWARE and written materials.

LIMITED WARRANTY

LIMITED WARRANTY. Tandy warrants that (a) the SOFTWARE will perform substantially in accordance with the accompanying written materials for a period of ninety (90) days from the date of receipt; and (b) any hardware accompanying the SOFTWARE will be free from defects in materials and workmanship under normal use and service for a period of one (1) year from the date of receipt. Any implied warranties on the SOFTWARE and hardware are limited to ninety (90) days and one (1) year, respectively. Some states do not allow limitations on duration of an implied warranty, so the above limitation may not apply to you.

CUSTOMER REMEDIES. Tandy's entire liability and your exclusive remedy shall be, at Tandy's option, either (a) return of the price paid or (b) repair or replacement of the SOFTWARE or hardware that does not meet Tandy's Limited Warranty and which is returned to Tandy with a copy of your receipt. This Limited Warranty is void if failure of the SOFTWARE or hardware has resulted from accident, abuse, or misapplication. Any replacement SOFTWARE will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer.

NO OTHER WARRANTIES. TANDY DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE, THE ACCOMPANYING WRITTEN MATERIALS, AND ANY ACCOMPANYING HARDWARE. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHERS, WHICH VARY FROM STATE TO STATE.

NO LIABILITY FOR CONSEQUENTIAL DAMAGES. IN NO EVENT SHALL TANDY OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF OR INABILITY TO USE THIS TANDY PRODUCT, EVEN IF TANDY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU

U.S. GOVERNMENT RESTRICTED RIGHTS

The SOFTWARE and documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of The Rights in Technical Data and Computer Software clause at 52.227-7013. Contractor/manufacturer is Tandy Corporation, Fort Worth, Texas 76102, U.S.A.

This Agreement is governed by the laws of the State of Texas.

Should you have any questions concerning this Agreement, or if you desire to contact Tandy for any reason, please write: Tandy Customer Sales and Service, One Tandy Center, Fort Worth, Texas 76102.

91-256WP

04-161k

TERMPC

© 1989, Tandy Corporation
All Rights Reserved.

Reproduction or use, without express written permission from Tandy Corporation, of any portion of this manual is prohibited. While reasonable efforts have been taken in the preparation of this manual to assure its accuracy, Tandy Corporation assumes no liability resulting from any errors or omissions in this manual, or from the use of the information obtained herein.

Please refer to the Software License on the first page of this manual for limitations on use and reproduction of this Software package.

Important Notice:

This diagnostic software and manual are written for Tandy™ computer owners who have a thorough understanding of electronics and computer circuitry. It is not written at a comprehension level for the beginner.

Radio Shack® will not be liable for any damage caused, or alleged to be caused, by the customer or any other person using this diagnostic software or manual to repair, modify, or alter any Tandy™ computer in any manner.

Many parts of the computer electronics are very sensitive and can be easily damaged by improper servicing. We strongly suggest that for proper servicing, the computer be returned to Radio Shack®.

While this diagnostic software and manual have been carefully prepared, Radio Shack® will not be responsible for any errors or omissions and will not be liable for damages resulting therefrom.

Opening the Tandy™ computer housing, breaking the housing seal, or altering or modifying the computer may void the warranties given at time of purchase.

TERMPC

TABLE OF CONTENTS

GENERAL DESCRIPTION 5
FEATURES 5
EQUIPMENT REQUIRED 5
LOADING TERMPC 5
OPERATING TERMPC 5
DISPLAY DESCRIPTION 6
COMMANDS 8
  Main Menu Commands 8
  Terminal Mode Commands 8

GENERAL DESCRIPTION

TERMPC is a terminal package designed for all MS-DOS machines except for the Tandy Model 2000. It enables the user to download files, change baud rates, and change communication ports.

FEATURES

TERMPC is designed to be a user friendly program for access of Techcomm or any other terminal-supporting system. It allows access through COM1 or COM2 and supports baud rates up to 9600 baud. Once the terminal system is accessed this program supports file downloads. This program only supports Xmodem as implemented on Techcomm.

EQUIPMENT REQUIRED

TERMPC may be used on any MS-DOS machines with a modem installed, except for the Tandy Model 2000. The only other requirement is the appropriate diagnostic disk containing the TERMPC program.

LOADING TERMPC

There are two ways to access the TERMPC diagnostic. The first is through the main menu of the diagnostic disk. The key corresponding to TERMPC is pressed to load the TERMPC program. The second method to access the TERMPC program is directly from MS-DOS. The name of the TERMPC program is typed in at the MS-DOS prompt:

A>TERMPC<ENTER>

The main menu screen will then appear on the screen.

OPERATING TERMPC

Upon execution of the TERMPC program the main menu will appear. At this point, if the ANSI.SYS driver is not installed, a warning message will appear at the bottom of the screen. The program should be exited and the ANSI.SYS driver should be installed. If no warning message appears, the desired communication port and baud rate are to be selected. The user may now enter the terminal mode. Once in the terminal mode the main menu may be accessed at any time by pressing the <F1> key. At the main menu the program may be exited.

DISPLAY DESCRIPTION

The following screen is displayed upon execution of the TERMPC program. The terminal mode screen will appear as a blank screen upon entry to the terminal mode until characters are received from the serial port and keyboard at which time both are displayed to the screen.

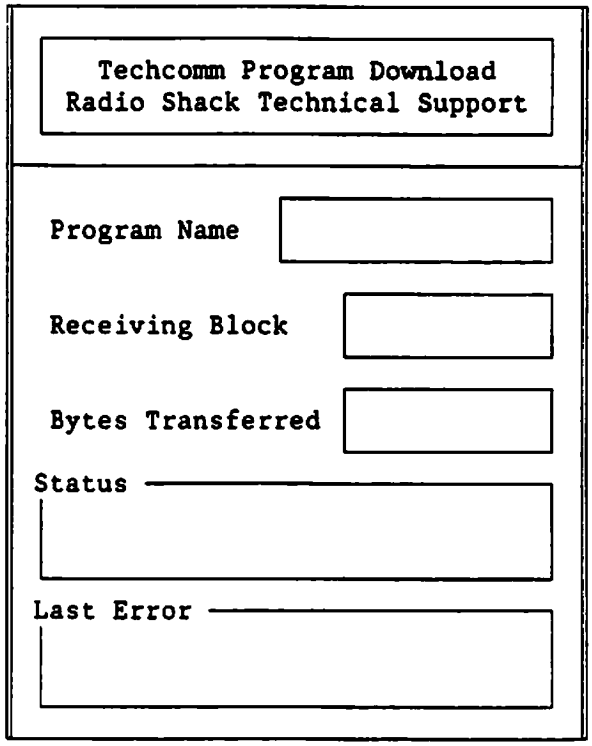
```
      Techcomm File Download Terminal Package
       XXXX XX, XXXX              Version X.XX
      Radio Shack National Technical Support


                  Baud Rate  300
                  Comm Port  1

     <1>   - Enter Terminal Mode
     <2>   - Toggle Baud Rate
     <3>   - Toggle Comm Port
     <F1>  - Exit Terminal Mode Back To Main Menu
     <F2>  - Send Break in Terminal Mode
     <ESC> - Exit to MS-DOS

  Press the Indicated Key for Desired Selection _
```

The following screen is displayed while in terminal mode when program download is initiated. The program name of the program being downloaded will be displayed along with the current block being transferred and the number of bytes which have been transferred. The menu also includes the current status of the download and the last error, if any, which occurred.



COMMANDS

Main Menu Commands

<1> - Enter Terminal Mode
This command allows entry into the terminal mode screen for terminal operations.

<2> - Toggle Baud Rate
This command allows the user to change the rate at which the communications are to be performed. The possible baud rates range from 300 to 9600. By pressing the <2> key the next baud rate will be displayed at the top of the menu.

<3> - Toggle Comm Port
This command allows the user to change the communications port used by the program. The possible comm ports are COM1 and COM2. By pressing the <3> key the next comm port will be displayed at the top of the menu under the current baud rate.

<ESC> - Exit to MS-DOS
The <ESC> key is pressed to exit the TERMPC program.

Terminal Mode Commands

<F1> - Exit Terminal Mode Back To Main Menu
This command is used in the terminal mode to access the main menu. At any point in the terminal process the main menu may be displayed by pressing this key.

<F2> - Send Break in Terminal Mode
This command sends a modem break to the communications port. This is used to force the host computer to switch baud rates; it is useful when connecting to a host which may be set up to cycle between 300, 1200, and 2400 baud, for example. If the host baud rate did not match your baud rate, the <F2> key could be pressed once or twice until a login prompt appeared instead of "garbage" characters.

<s> - Start Download Process
By pressing the <s> key the download menu is displayed and the download process is initiated.

SERVICE POLICY

Radio Shack's nationwide network of service facilities provides quick, convenient, and reliable repair services for all of its computer products, in most instances. Warranty service will be performed in accordance with Radio Shack's Limited Warranty. Non-warranty service will be provided at reasonable parts and labor costs.

CUSTOM MANUFACTURED FOR RADIO SHACK
A Division of Tandy Corporation

U.S.A.: FORT WORTH, TEXAS 76102
CANADA: BARRIE, ONTARIO L4M 4W5

TANDY CORPORATION

AUSTRALIA	BELGIUM	FRANCE	U. K.
91 Kurrajong Avenue Mount Druitt, N.S.W. 2770	Rue des Pieds d'Alouette, 39 5140 Naninne (Namur)	Centre Commercial des 3 Fontaines B.P. 147 95022 Cergy Pontoise Cedex	Bilston Road Wednesbury West Midlands WS10 7JN