

TANDBERG DATA

volume 4 no. 1

march, 1981

- * OPENING HOURS DURING THE EASTER VACATION
- * BRIEF INPUTS FROM MARKETING
- * NEW RELEASES
- * UPDATED TDC 3000 SERVICE MANUAL
- * APPLICATION NOTES



newsletter

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Newsletter deadlines

We strongly encourage our readers to make use of the NEWSLETTER to spread information which might be of interest to others.

Please notice however, that the next deadline is:

June 1st

Brief inputs from Marketing

TDC 3000 - 48 V DC power supply

A new module for the TDC 3000 series, a 48 V DC power supply, has been released. This power supply is a switched mode AC/DC converter. Installing this device enables the TDC 3000 to accept a 48 V DC +/-20 % power source.

TDC 3200 - Hannover Fair

An operating prototype of the 32 Mbyte Streaming Cartridge Recorder, the "Backer", will be presented at the Hannover Fair in April. The "Backer" was described in the October edition of the Newsletter.

A new face at the Marketing Dept



John Søndergaard
Sales Engineer

John Søndergaard will deal with technical support of tape products. He has previously been employed by Tandbergs Radiofabrikk and Innovative Data Technology (IDT) in USA.

Opening hours during the Easter Vacation

Tandberg Data A/S will be closed during the Easter vacation from Saturday 11th April until Tuesday 21st April with the exception of our Customer Service Department which will be open until Thursday 16th April.

For service please call (02) 23 21 82 which is a direct line to our service department.

Release of XMON/F - 961045.2

A new version of the XMON/F monitor in TDV 2124 has been released. The new version replaces 961045.0 and the special version of XMON/F, 961236.0.

The change from 961045.0 to 961045.2 is mandatory and will be done by technicians from Tandberg Data A/S.

Some user callable routines are removed and new ones are added. Some of the monitor variables have changed addresses, some are removed and new ones are added. A number of known errors are corrected.

Requirements:

TOS21 ver.1.8 or newer

TOS21 ver.2.06 or newer

960820 Diskette controller Mk I rev. x-15 or higher

Firmware rev. 14 or higher

FDD/RWC rev. 05 or higher

A new updated "XMON/F User's Guide" is available.

It has part no. 393562, publication no. 5142, revision no. 1.

New TOS 21-II release

NEW TOS21-II RELEASE

TOS21, V.2.0-6 has been released. This is an upgraded version of V.2.0. Please note that there are two versions:

1. A version containing the Tandberg Data Double Density Diskette Handler (D-device) only. Available from our Sales Department, ordering no. 961203.

2. A version containing:

TD Double Density Diskette Handler (D-device)

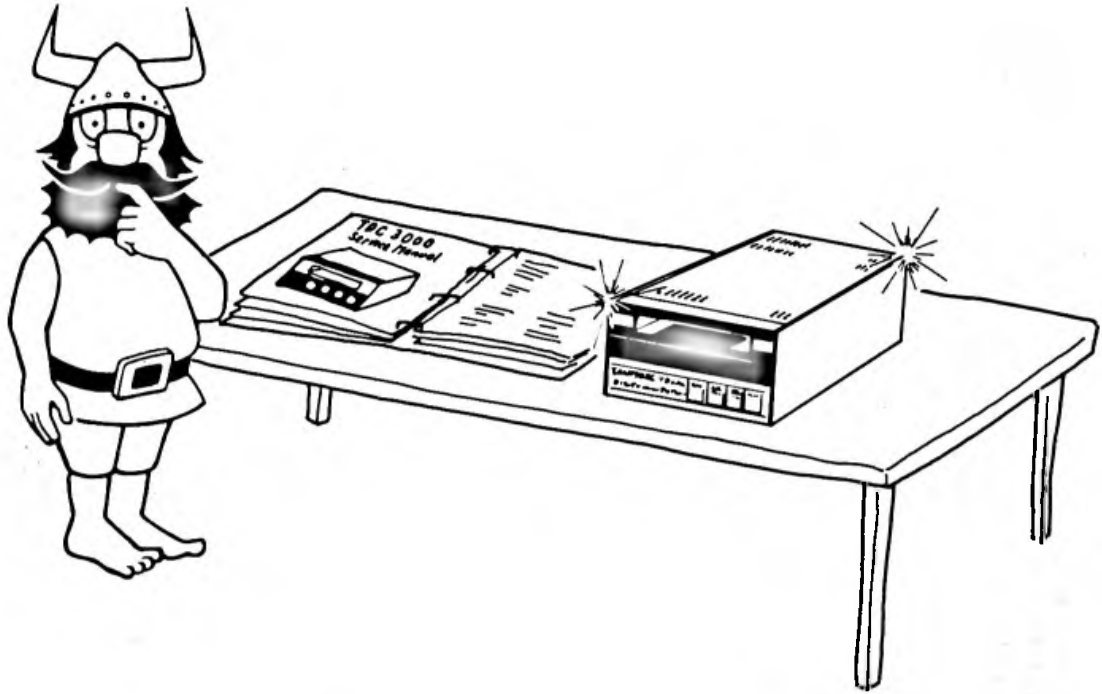
TD Single Density Diskette Handler (F-device)

IBM Double Density Diskette Handler (I-device)

IBM Single Density Diskette Handler (J-device)

where all handlers are transient. System device is D-device. Available from our Sales Department, ordering no. 961204.

TDC 3000 Service Manual



TDC 3000 SERVICE MANUAL

Was your copy of the "TDC 3000 Service and Operating Manual" also printed in the Stone Age - 1977?

Notice then that an updated version (revision number 1), dated March 1981, is available from our Customer Service Department. Ordering number: 358792.

Application Notes

The following application note is available from our Sales and Marketing Department:

No. 3000/001

"TDC 3000 Differences in commands/responses and strap/jumper options between TDC 3025-1K, TDC 3025-2K and TDC 3026 ASCII versions".

Updated 28th October 1980

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Have you checked your stock of documentation lately?

THE FOLLOWING CODES ARE USED :

* = available through our ordering department
 1 = in preparation
 2 = being printed first time
 3 = being reprinted

K = only delivered as part of a kit
 N = non-restricted
 P = product related; only available with purchase of associated hardware

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
K5131	0	Shiel.Fl.Cabl.Pol.Keys,Mount.Instr	--	*
N5041	1	Software Error Report, Form	374051	*
P5237	0	TDC 3000 48 V DC Power Supply, Service Man.	390811	1
N5245	0	TDC 3000 48 V DC Power Supply, Specs.	393074	1
N5234	0	TDC 3000 Cartridge Storage Recommendations	390071	*
K5128	0	TDC 3000 EMC Mod. Kit, Mounting Instr.	386084	*
P1566	1	TDC 3000 Formatter (960055)	367041	*
P1455	1	TDC 3000 Operating Instructions	359534	*
P1552	1	TDC 3000 Parallel I/O Controller (960056)	369677	*
N5083	1	TDC 3000 Product Specifications	385015	*
K5119	1	TDC 3000 Rear Cover Kit, Mounting Instr.	--	*
N5098	1	TDC 3000 Reference Manual	375912	*
P1381	0	TDC 3000 Serv.&Op.Man.(exc.Form.&I/O Cont.)	358692	1
P5093	1	TDC 3000 Used with Fluke 2240A Data Logger	960980	*
P5027	0	TDC 3000/3011 Demo Cartridge, User's Manual	389160	*
N5084	1	TDC 3005 Product Specifications	386696	*
P5065	0	TDC 3005 Supp.to TDC 3000 Serv.Op.Man.(1381)	377206	*
P5039	1	TDC 3010 User & Service Manual (ALPHA-LSI)	359699	*
N5031	0	TDC 3011 BCS Driver Ver.3 (HP), Description	369455	*
P5019	0	TDC 3011 Bin.Loader/Dump (HP21MX), Specs.	385719	*
P5020	0	TDC 3011 Bin.Loader/Dump HP2100, Specs.	387400	*
N5076	0	TDC 3011 DOS Operating System (HP) User Man.	366573	*
P5023	0	TDC 3011 Disk Dump/Restore Progr.(HP),Descr.	387831	*
P5018	0	TDC 3011 OPER/HP-RTE Fam. of Ophys,User Man.	389433	*
P5024	0	TDC 3011 SIO Driver (HP), User's Manual	389512	*
P5017	1	TDC 3011 Test/Maint(2100/21MX)User Man.+ECN	366968	*
P5040	1	TDC 3011 User & Service Man. (HP2100/21MX)	374719	*
P5048	1	TDC 3013 Diskdump/Rest.Prog., User's Man.	365165	*
P5025	0	TDC 3013 RT-11 Driver (PDP-11), User's Man.	385798	*
N5049	1	TDC 3013 Specifications (PDP-11)	372133	*
P5047	0	TDC 3013 Test/Maint.Prog.(PDP-11),User'sMan.	367198	*
P5028	1	TDC 3013 User & Service Manual (PDP-11)	360971A	*
P5044	1	TDC 3025 Commun.Interf.V.24 Ver.C, Serv.Man.	369080	*
N5060	0	TDC 3025 Communication Interface V.24,Specs.	377012	*
P5125	1	TDC 3025 version 2 K Buffer, User's Manual	389683	*
N5163	0	TDC 3026 Comm. I/O Contr., Serv. Manual	387802	*
N5156	0	TDC 3026 Comm. I/O Contr., User's Manual	386832	*
N5162	0	TDC 3026 Signature Analysis Tables	389483	*
N5085	1	TDC 3050 Formatter with Parallel I/O Contr.	373262	*
N5139	0	TDC 3050 Using TMA 3 BB, Func. Test Proc.		*
P5042	0	TDC 3100 Service Manual	372801	*
N5183	0	TDC 3210 Interface Specifications	393756	*
N5184	0	TDC 3212 Interface Specifications	390042	*
N5185	0	TDC 3214 Interface Specifications	391723	*

PUBL. REV. NO.	NO.	TITLE	PART NUMBER	CODE
P5037	4	TDF 4050 Reference Manual	365705	*
K5012	0	TDF 4050 Self Test (960768), Operat. Instr.	--	*
P5050	0	TDF 4050 Service and Operating Manual	370725	*
N5062	3	TDS 8021/24 HASP/JES2, User's Guide	372730	*
N5008	3	TDS 8031 Operator's Guide (IBM 3270 Emul.)	388456	*
P5009	1	TDS 8031 Technical Overview (IBM 3270 Emul.)	386423	*
P5158	0	TDV 2100 16K/48K RAM	386674	*
N5003	0	TDV 2100 Buffered Editor, Specifications	367594	*
N5106	0	TDV 2100 COBOL VER.2.2, Release Description	393914	*
N5052	0	TDV 2100 Cable Fastening Kit, Description	371228	*
N5089	0	TDV 2100 Cluster Interface Handler	372084	*
P5067	2	TDV 2100 Deflection & Video Mk II	370733	*
P5069	1	TDV 2100 Display Logic	374095	*
P5068	1	TDV 2100 Keyboard Type K	372914	*
P5002	1	TDV 2100 PROM	375518	*
P5121	0	TDV 2100 Power Supply Mk III	389101	*
N5104	0	TDV 2100 Random File Manager, User's Guide	390552	*
N5101	0	TDV 2100 Relocatable Assembl. & Link. + App.	379935	*
P5122	0	TDV 2100 Shugart Disk.Drive, Maint. Manual	386989	*
N5045	0	TDV 2100 Synchronous Communication Driver	370646	*
N5053	0	TDV 2100 TCGS - TD Character Gener. System	370869	*
P5120	1	TDV 2100 TD RAM	387420	*
N5001	0	TDV 2100 TOS21 VER.1.5, User's Guide	361617	*
N5109	0	TDV 2100 TOS21 VER.1.6, Reference Card	390200	*
N5105	1	TDV 2100 TOS21 VER.1.6, System Descr. + App.	392233	*
N5124	1	TDV 2100 TOS21 VER.1.8, System Description	391881	*
P5082	0	TDV 2100 Technical Updating	370374	*
P5056	1	TDV 2100 Test Programs (960680), Descr.	386969	1
N5061	0	TDV 2100 Text Handler, Specifications	370941	*
N5164	0	TDV 2100 U200 User's Guide TDV Emulators	390631	*
N5157	0	TDV 2100 VIP User's Guide TDV Emulators	391177	*
N5016	0	TDV 2100 XMON/P Form Handler, Specs.	387752	*
N5014	0	TDV 2100 XMON/S & XMON/SD Rev.lev. 1, Specs.	389785	*
N5013	0	TDV 2100 XMON/SV Rev. Level 1, Specs.	388104	*
N5095	0	TDV 2114 COBOL Language Manual	377751	*
N5096	0	TDV 2114 COBOL Reference Card	379432	*
N5058	0	TDV 2114 COBOL(960811.000), Release Descr.(App.to 5095)		*
N5099	0	TDV 2114 Cable Description	375675	*
P1549	1	TDV 2114 Cartridge Controller Mk II	366006	*
P5079	0	TDV 2114 Cluster Interface	372759	*
N5091	0	TDV 2114 Commercial Basic, Reference Card	377219	*
P1426	0	TDV 2114 Diskette Controller + Updating	362845	*
K5132	0	TDV 2114 EMC Mod.Kit Ext.Diskdr.Mount.Instr.	387765	*
K5133	0	TDV 2114 EMC Modification Kit, Mount. Instr.	386156	*
K5066	0	TDV 2114 Electrostatic Immunity Kit, Descr.	--	*
N5026	1	TDV 2114 Form Handler Ver. 1.2 (see 5016)	387479	*
P5057	0	TDV 2114 Horizontal Mounting of Disk. Drive	388650	*
P5116	0	TDV 2114 Illustrated Parts List	385423	*
P5036	0	TDV 2114 Initial Setting Up	367738	*
P5035	2	TDV 2114 Installation	366330	*
P5123	0	TDV 2114 LCG (Schematic Diagram)	389173	*
P5159	0	TDV 2114 LCG Mk II	388355	*
P5077	1	TDV 2114 Loc. & Interconn. Motherbd. Mk II	374792	*
K5094	0	TDV 2114 Mains Noise Suppression Kit, Descr.	--	*
N5033	0	TDV 2114 Operating Instructions (Prelim.)	368399	*
N5108	1	TDV 2114 Programmer's Reference Guide	388377	*
N5054	1	TDV 2114 Reference Manual	373132	*
N5015	0	TDV 2114 SORT, User's Documentation	377407	*
P4997	0	TDV 2114 Service & Oper. Manual (3 volumes)	960705	*
P5170	0	TDV 2114 Service & Oper. Manual, Volume 3	961233	*
P5126	0	TDV 2114 Shielded Flat Cable, Mounting Instr.	389798	*
P5080	1	TDV 2114 Synchronous Interface	373190	*
P5087	1	TDV 2114 System Description	373111	*

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
P5182	0	TDV 2114/24 CPU Mk II	391989	*
N5090	1	TDV 2114/24 Commercial Basic, User's Manual	375538	*
P5092	0	TDV 2115 Adapt.Cable TDV 2000 Comp.TDV 2115	--	*
P5055	0	TDV 2115 Display Controller	371372	*
P5070	2	TDV 2115/16 CPU Mk I	374957	*
N5100	0	TDV 2115/16 Cable Description	377356	*
K5086	0	TDV 2115/16 Electrostat. Imm. Kit, Descr.	--	*
P5117	0	TDV 2115/16 Illustrated Parts List	387493	*
P5064	1	TDV 2115/16 Location and Interconnection	371085	*
K5102	0	TDV 2115/16 Mains Noise Suppr.Kit, Descr.	--	*
P5114	1	TDV 2115C User's Guide	375827	*
P5148	0	TDV 2115C/15CV Service & Oper. Manual	961199	*
P5118	0	TDV 2115L User's Guide	388577	*
P5149	0	TDV 2115L/16L Service & Oper. Manual	961198	*
N5140	0	TDV 2116L User's Guide	389849	*
P5141	0	TDV 2124 CDC Hardw. Man. Double Dens. Drive	388822	*
P5097	4	TDV 2124 Double Density Mk I, Reference Man.	392937	*
P5113	2	TDV 2124 Double Density Mk I, Serv. Man.	387141	*
P5168	0	TDV 2124 Service & Oper. Manual (3 volumes)	961231	*
P5169	0	TDV 2124 Service & Oper. Manual, Volume 3	961232	*
P5181	0	TDV 2124 Shugart DD/DS Disk. Dr. Serv. Man.	393131	*
P5240	0	TDV 2124 TOS-II, Op.'s & Sys. Prog.'s Guide		1
P5238	0	TDV 2124 TOS-II, Operator's Guide (Prelim.)		1
N5145	0	TDV 2124 TOS21 Ver.2.0, User's Guide(Prelim.)	394891	*
N5144	1	TDV 2124 TOS21 Ver.2.0-6, System Description	393210	*
N5142	0	TDV 2124 XMON/F User's Guide (Prelim.)	393562	*
P5143	0	TDV 2124 XMON/F Warning	391529	*
K5246	0	TDV 2200 Cable Fastening Kit, Description	390373	*
P5192	0	TDV 2200 Hardware Manual	961328	*
P5214	0	TDV 2200 Service Manual	961326	1
N5195	0	TDV 2201 Owner's Manual	961330	1
N5196	0	TDV 2211 Owner's Manual	961332	1
N5194	0	TDV 2215 Owner's Manual	961327	*
N5215	0	TDV 2220 Owner's Manual	961329	1
N5193	0	TDV 2230 Owner's Manual	961331	*
N5259	0	TDV 2231 Owner's Manual	961333	1
P5253	0	TIR 115 Service Manual	--	*



New publications from DIG

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PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
P1566	1	TDC 3000 Formatter (960055)	367041	*
P5017	1	TDC 3011 Test/Maint(2100/21MX)User Man.+ECN	366968	*
P5125	1	TDC 3025 version 2 K Buffer, User's Manual	389683	*
N5085	1	TDC 3050 Formatter with Parallel I/O Contr.	373262	*
N5183	0	TDC 3210 Interface Specifications	393756	*
N5184	0	TDC 3212 Interface Specifications	390042	*
N5185	0	TDC 3214 Interface Specifications	391723	*
N5108	1	TDV 2114 Programmer's Reference Guide	388377	*
P5182	0	TDV 2114/24 CPU Mk II	391989	*
P5168	0	TDV 2124 Service & Oper. Manual (3 volumes)	961231	*
P5169	0	TDV 2124 Service & Oper. Manual, Volume 3	961232	*
P5181	0	TDV 2124 Shugart DD/DS Disk. Dr. Serv. Man.	393131	*
N5144	1	TDV 2124 TOS21 Ver.2.0-6, System Description	393210	*
K5246	0	TDV 2200 Cable Fastening Kit, Description	390373	*
P5192	0	TDV 2200 Hardware Manual	961328	*
N5194	0	TDV 2215 Owner's Manual	961327	*
N5193	0	TDV 2230 Owner's Manual	961331	*

ECN status list

In order to speed up the distribution, we have decided since October last year, to send only one copy of each ECN to our representatives and customers.

TDC 3000: 3001-3041

TDV 2100: 2001-2217

TDM 1000: 1-15, 1001-1002

TDF 4000: 4001-4006

TDV 2200: 22/001-22/010

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