

- \*A NOTE FROM OUR MANAGING DIRECTOR
- \*TDV 2124 SERVICE & OPERATING MANUAL
- \*NEW TOS 1.81 RELEASE
- \*BRIEF INPUTS FROM MARKETING
- \*HARDWARE TRAINING COURSES
- \*TDV 2215 OWNERS'S MANUAL



## Contents

---

A note from our Managing Director .....	1
TDV 2124 Service & Operating Manual .....	2
New TOS 1.81 release .....	3
Brief inputs from Marketing .....	4
Hardware training courses .....	6
TDV 2215 Owner's Manual .....	8
List of representatives .....	9
List of documentation .....	10
New publications from DIG .....	12
ECN status list .....	12

## 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:

February 1st

A note

OUR 10  
\*\*\*\*\*

Tandb  
since  
regar  
we ar  
years  
for e  
perso  
equal

Adequ  
equal  
ten y

We ge  
produ  
field  
in ot  
gener

Well,  
middl  
time,  
adver  
But w

The d  
Tandb  
is hi  
a str

I bel  
Data  
We ha  
We ha  
we a  
We h  
of t

To s  
next  
pers  
a se  
bill

## A note from our Managing Director

OUR 10th ANNIVERSARY  
\*\*\*\*\*

Tandberg Data A/S is only one year old, but it is now ten years since Tandberg entered the data business. Ten years is not much regarding age, neither for people nor for companies. However, we are living in a century where everything is relative. Ten years for us is not the same as ten years for others. We know, for example, that one year for a dog equals seven years for a person. This means that a ten year old dog relatively seen equals a human being of seventy.

Adequately, it may be claimed that one year in the data business equals seven years in other business activities. If so, our ten years equals 70 years in other branches of business.

We get an impression of this when we regard the lifetime of the products in different branches. A product lifetime in the data field is about four years. It may not be as much as 28 years in other fields, but I don't think there's any doubt that we generally live a more hectic life than most others.

Well, we have a lifetime of ten years behind us. We are in the middle of the third product generation. It has been an exiting time, a time rich on experience. We have had disappointments, adversity and experienced crisis of life and death. But we have also enjoyed progress and joy.

The data division of Tandberg's Radiofabrikk and the present Tandberg Data has displayed an endurance and a vitality which is highly respected. It has the ability to renew itself and a strong motivation for profitability.

I believe that today, we must be allowed to say that Tandberg Data appears as a unit with a strong sense of team spirit. We have a stable staff that is highly skilled at all levels. We have showed that we can handle difficult situations and that we are able to renew our products according to market demands. We have a solid, financial backbone and we are supported by one of the world's leading electronic companies.

To sum it up, I believe we have a good starting point for the next ten years. The tasks are numerous and large and the perspective challenging. If we deal with our resources in a sensible way, we will have a safe place of work and a possibility to win a solid position in the European data industry.

Ralph Høibakk

# TDV 2124 Service & Operating Manual ---

The TDV 2124 is an intelligent Display Terminal with a "double density, double sided" (DD/DS) Diskette Controller and a built-in DD/DS Diskette Drive.


Apart from the diskette drive and the controller, the TDV 2124 and the TDV 2114 are almost identical. Consequently, the service documentation will be quite similar.


The complete service documentation for the TDV 2124 and the TDV 2114 will both require three volumes (yellow binders).

Ordering numbers for the various combinations of Vol. 1, 2 & 3 for the TDV 2114/2124 Service and Op. Manual are:

<b>TDV 2114 2124</b> Service & Operating Manual Volume 1	<b>TDV 2114 2124</b> Service & Operating Manual Volume 2	<b>TDV 2114</b> Service & Operating Manual Volume 3	TDV 2114 COMPLETE Ordering no. 960705
---	---	--	--

<b>TDV 2114 2124</b> Service & Operating Manual Volume 1	<b>TDV 2114 2124</b> Service & Operating Manual Volume 2	<b>TDV 2124</b> Service & Operating Manual Volume 3	TDV 2124 COMPLETE Ordering no. 961231
---	---	--	--

 <b>SINGLE</b>	<b>TDV 2114</b> Service & Operating Manual Volume 3	TDV 2114 VOLUME 3 Ordering no. 961233
--	--	--

 <b>DOUBLE</b>	<b>TDV 2124</b> Service & Operating Manual Volume 3	TDV 2124 VOLUME 3 Ordering no. 961232
--	--	--

Volumes 1 and 2 of the TDV 2124 Service Documentation are the same as Volumes 1 and 2 for the TDV 2114.

This means, that if you already are in possession of the complete Service Documentation for the TDV 2114 and you want the Service Documentation for the TDV 2124, you only need Volume 3 of the TDV 2124 Service and Operating Manual.

Accordingly, you will only need Volume 3 of the TDV 2114 Manual if you already have a complete TDV 2124 Manual.

TDV 2124 Volume 3 contains the following publications:

- Introduction to the Service and Operating Manual
- DD/DS Diskette Controller Service Manual
- DD/DS Diskette Drive (Shugart SA850/851) Service Manual

A package containing new labels for the backs of the yellow binders, a new list of contents and new front pages will be enclosed with Volume 3 of the TDV 2124 Service & Op. Manual, if this volume is ordered separately.

The "old" labels etc. in Volumes 1, 2 and 3 of the TDV 2114 Manual must be replaced. By doing this, the Service and Op. Manual will be adapted to both the TDV 2114 and the TDV 2124.

Available from our Sales and Marketing Department in the beginning of December this year.

Documentation and Information Group

## **New TOS 1.81 release**

TOS 1.81 has been released.

The new version is made XMON/F-compatible and can be used on the TDV 2124. The INIT utility on the system diskette cannot be used in connection with XMON/F because it addresses I/O directly, which is different in XMON/F and XMON/D.

Reported errors in some utilities have been corrected and a checksum algorithm has been included in PROM.

Ordering number: 960431.007.

Herman Lia

# Brief inputs from Marketing

## TDC 3200 SERIES

### Streaming tape cartridge drives

---

In the June issue of the Newsletter, we announced the new high capacity cartridge recorder. Due to the inputs we got at NCC, we have modified the project.

Three models will be available:

TDC 3210 is the basic drive with servo, read/write and control  
----- circuits.

TDC 3212 is a TDC 3210 with a built-in buffered formatter. Data  
----- transfer is serial, and interface pin-out is compatible  
with the proposed ANSI disk standard.

TDC 3214 is identical to TDC 3212, but data transfer is in  
----- parallel.

The new drives featuring:

- 32 M byte capacity (formatted) per cartridge
- Density: approximately 7000 dbpi
- Streaming mode
- 8 tracks
- 90 ips
- Serpentine read/write facility.

The time schedule is:

- Units for evaluation from April -81
- Deliveries from September -81.

The brochure and interface specifications are renewed and will be forwarded to our representatives in October.

LH/Marketing

## TDI 1050, 1/2" MAGNETIC TAPE DRIVE, IN EUROPE

---

Circumstances have not permitted Tandberg Data to provide the resources necessary for having progress in marketing the 1/2" magnetic tape drive, TDI 1050.

Therefore, Innovative Data Technology and Tandberg Data have terminated their agreement in which Tandberg Data was IDT's representative in Europe.

We wish IDT all the best in marketing their excellent magnetic tape drive in Europe through other distributors. IDT will of course continue as our representative in the U.S.

LH/Marketing

TDC 3000 - WE INCREASE THE PRODUCTION

---

The TDC 3000 delivery time has been more than four and a half months this autumn.

Of course we are delighted with the interest in the product, but for our customers this delay cannot be accepted.

However, we have now increased our production approximately 30%. For the future we believe we can support you and your customers in a proper manner.



LH/Marketing

TDC 3000 NEW BROCHURES

---

We have prepared leaflets for the TDC 3026 Serial Communications Controller and for the TDC 3010/11/13 Interfaces.

The new literature will, in small numbers, be forwarded to our representatives as soon as possible.

LH/Marketing

TDC 3000 SALES SUPPORT GUIDE

---

A Sales Support Guide, Volume 1 and 2, for the TDC 3000 is now prepared. It contains literature related to the TDC 3000-family. The books will be forwarded to our dealers this month. We hope indeed the Guides will be of help in your efforts to increase your TDC 3000 sales.

LH/Marketing

# Hardware training courses

Course schedule - winter and spring 1981



All courses are held at Tandberg Data A/S, Oslo.

## TDV 2200 HARDWARE TRAINING COURSE, 3 days

---

Contents: TDV 2200 hardware description.  
Test, adjustment and troubleshooting aids and procedures.

Time: 27th - 29th of January

Training fee: N.kr. 2.500,- incl. lunch, refreshments and documentation.

## TDV 2115C HARDWARE TRAINING COURSE, 2 days

---

Contents: TDV 2115 with Display Controller, theory.  
Practical service hints.

Time: 10th - 11th of February

Training fee: N.kr. 1.800,- incl. lunch, refreshments and manual.

## TDV 2114/2115L/2116 HARDWARE TRAINING COURSE, 5 days

---

Structure: Three different courses can be selected.  
Day 1 and 2, TDV 2115L, 2 days  
Day 1 through 3, TDV 2116, approx. 2 1/2 day  
Day 1 through 5, TDV 2114, 5 days.

Contents: TDV 2115 with display logic, theory and practical service hints.  
CPU and Memory Board, theory.  
Interfaces, Controllers and Discette drive, theory and practical service hints.

Time: 23rd - 27th of February

Training fee: TDV 2115L - N.kr. 1.800,-  
TDV 2116 - N.kr. 2.200,-  
TDV 2114 - N.kr. 4.000,-  
Lunch, refreshments and manuals are included.



TDV 2200 HARDWARE TRAINING COURSE, 3 days

---

Contents: TDV 2200 hardware description.  
Test, adjustment and troubleshooting aids and  
procedures.

Time: 10th - 12th of March

Training fee: N.kr. 2.500,- incl. lunch, refreshments and  
documentation.

TDC 3000 HARDWARE TRAINING COURSE, 3 days

---

Contents: TDC 3000 Cartridge Drive, theory.  
Formatter and parallel I/O Controller.  
Practical service hints.

Time: 23rd - 25th of March

Training fee: N.kr. 2.500,- incl. lunch, refreshments and  
manual.

TDC 3025 SUPPLEMENTARY COURSE, 1 day

---

Contents: TDC 3025 Serial Communications Interface.

Time: 26th of March

Training fee: N.kr. 800,- incl. lunch, refreshments and  
manual.

TDC 3026 SUPPLEMENTARY COURSE, 1 day

---

Contents: TDC 3026, new serial Communications Interface.

Time: 27th of March

Training fee: N.kr. 800,- incl. lunch, refreshments and  
documentation.

TDV 2200 HARDWARE TRAINING COURSE, 3 days

---

Contents: TDV 2200 hardware description.  
Test, adjustment and troubleshooting aids and  
procedures.

Time: 19th - 21st May

Training fee: N.kr. 2.500,- incl. lunch, refreshments and  
documentation.

## GENERAL INFORMATION:

The hardware training courses are intended for service engineers with experience in digital technique and knowledge of the 8080 draft.

In the courses, digital electronics are instructed mainly on functional block level, analog electronics (e.g. power supply, video) on a more detailed level.

The general time schedule on the courses is from 09.00 to 16.00 with lunch from 12.00 to 12.30 and coffee breaks at 10.00 and 14.00 hours.

The number of participants are limited to 12 persons. A course is cancelled if less than four applies.

Enrolment should be made not later than three weeks prior to the beginning of the course. Upon enrolment you will receive an acknowledgement of our registration with administrative details. However, TD reserves the right to refuse an enrolment if the course in question is fully subscribed. TD reserves the right to cancel a course within one week prior to the beginning.

We will call attention to the fact that the hotel situation in Oslo from time to time can be rather difficult. If you want us to reserve hotel for you, please give us a notice as soon as possible. We then need information about arrival and departure time, and hotel class.

Your contact at Tandberg Data A/S is Johs. M. Aandstad.

## TDV 2215 Owner's Manual

---

A TDV 2215 Owner's Manual is now available. It contains the following four parts:

- User's Guide
- Specifications & Installations Guide
- Quick Reference Guide
- Functional Specifications

New revisions of the contents will be announced in the Newsletter.

The manual and future revisions can be ordered from the Sales & Marketing Department. Manual ordering number: 961327. The price is Nkr. 200,-.



# List of representatives

## TANDBERG DATA

Updated 7th October 1980

### NORWAY

Mr. Kjeil Sørboe  
COMPUTER SYSTEMER A/S  
P.O. Box 2380  
5012 SOLHEIMSVIK

Telephone:  
(47-5) 298027

Mr. Per M. Broberg

Oalgst. 11  
4300 SANDNES

Telephone:  
(47-45) 66924

Mr. Roger Lien

Sagveien 21  
OSLO 4

Telephone:  
(47-2) 356378

### NORWAY

Mr. Trond Andersen

Morgenstjerne & Co. A/S  
(only TDC 3000)  
P.O. Box 6688, Rodeløkka  
OSLO 5

Telephone:  
(47-2) 356110  
Telex:  
11719

### NORWAY

Mr. Finn Radmann  
Mr. Arild Gladøve

Stål & Stål A/S, P. Radmann  
Fjordgt. 46/48  
7000 TRONDHEIM

Telephoné:  
(47-75) 33060

### NORWAY

Mr. J. E. Danielsen

Stål & Stål A/S, E. Danielsen  
Farmannsgate 6  
1600 FREDRIKSTAD

Telephone:  
(47-32) 17731

### NORWAY

Mr. Arne Heen  
Mr. Pål Kjersem

Norske Data Systemer A/S  
Kirkegaten 34  
OSLO 1

Telephone:  
(47-2) 421670

### ENGLAND

Mr. Ron Fairbairn  
Mr. Peter Gravestock

Farnell Int. Instr. Ltd.  
Sandbeck Way  
Wetherby  
West Yorksh. LS22 4DH

Telephone:  
(44) 937-63541  
Telex:  
951/557294

### SWITZERLAND

Mr. Werner Stolz  
Mr. Anton Wegdam  
Mr. Bachman

Stolz AG  
Industrievertretungen  
8968 MUTSCHELLEN

Telephone:  
(41-57) 54655  
Telex:  
935/54070

### WEST-GERMANY

Mr. Hans Augst  
Tandberg Data GmbH  
Lorenstrasse 17  
4600 DORTMUND

Telephone:  
(49-231) 527413/14  
Telex:  
8227215

### DENMARK

Mr. Svend Elvers

A/S Danbridge  
5, Hirsemarken  
3520 FARUM

Telephone:  
(45-2) 955522  
Telex:  
955/37579

### FINLAND - GENERAL AGENT

Mr. Sture Petterson  
Mr. Pekka Rope

Siemens OY  
Mikonkatu 8  
P.O. Box 8  
00101 HELSINKI 10

Telephone:  
(358-90) 1626-1  
Telex:  
937/124465

### FINLAND - SUB AGENT

Mr. Seppo Kuisma

Videodata OY  
Kitarakuja 1a  
P.O. Box 65  
00421 HELSINKI 42

Telephone:  
(358-0) 5633544  
Telex:  
937/123430

### NETHERLANDS

Mr. Norman J. Halfweeg

Techmaton N.V.  
Building 106  
P.O. Box 7616  
Schiphool-Oost

Telephone:  
(31-20) 456955  
Telex:  
912/13427

### SWEDEN

Mr. Sten Fransson

Siemens Data AB  
Pack  
172 07 SUNDBYBERG

Telephone:  
(46-8) 987900  
Telex:  
925/17221

### USA

Mr. Dale Spencer  
Mr. Gary Pyles

Innovative Data Technology  
4060 Morena Blvd.  
San Diego  
California 92117

Telephone:  
714-270-3990  
Telex:  
8/259103351610

### USA

Mr. Bruce Greenfield

Innovative Data Technology  
P.O. Box 321  
Ramsey  
New Jersey 07446

Telephone:  
201-825-7640

# Have you checked your stock of documentation lately?

## THE FOLLOWING CODES ARE USED :

- |   |  |
|---|--|
| * = available through our ordering department | K = only delivered as part of a kit                                      |
| 1 = in preparation                            | N = non-restricted   |
| 2 = being printed first time                  | P = product related; only available with purchase of associated hardware |
| 3 = being reprinted                           |  |

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
K5131	0	Shiel.Fl.Cabl.Pol.Keys,Mount.Instr.	--	*
N5041	1	Software Error Report, Form	374051	*
K5128	0	TDC 3000 EMC Mod. Kit, Mounting Instr.	386084	*
P1566	0	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 Opsys,User Man.	389433	*
P5024	0	TDC 3011 SIO Driver (HP), User's Manual	389512	*
P5017	0	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 Manaul (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 User's Manual, Ver. 2K Buffer (IDT)	389683	*
N5163	0	TDC 3026 Comm. I/O Contr., Service Manual	387802	1
N5156	0	TDC 3026 Comm. I/O Contr., User's Manual	386832	*
N5162	0	TDC 3026 Signature Analysis Tables	389483	*
N5085	0	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	1
N5184	0	TDC 3212 Interface Specifications	390042	1
N5185	0	TDC 3214 Interface Specifications	391723	1
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	*

PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
-----------	----------	-------	-------------	------

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	*
N5144	0	TDV 2100 TOS21 Ver.2.0, System Description	393210	*
N5145	0	TDV 2100 TOS21 Ver.2.0, User's Guide(Prelim.)	394891	*
P5082	0	TDV 2100 Technical Updating	370374	*
P5056	1	TDV 2100 Test Programs (960680), Desc.	386969	1
N5061	0	TDV 2100 Text Handler, Specifications	370941	*
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	*
N5090	1	TDV 2114 Commercial Basic, User's Manual	375538	*
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	0	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	*

P5182 0 TDV 2114/24 CPU Mk II

--

1



PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
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/2115CV Service & Oper. Manual	961199	*
P5118	0	TDV 2115L User's Guide	388577	*
P5149	0	TDV 2115L/2116L 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 Serv. & Oper. Manual (3 volumes)	961231	1
P5169	0	TDV 2124 Serv. & Oper. Manual, Volume 3	961232	1
P5181	0	TDV 2124 Shugart DD/DS Disk. Dr., Serv. Man.	393131	1
N5142	0	TDV 2124 XMON/F User's Guide (Prelim.)	393562	*
P5143	0	TDV 2124 XMON/F Warning	391529	*

## New publications from DIG

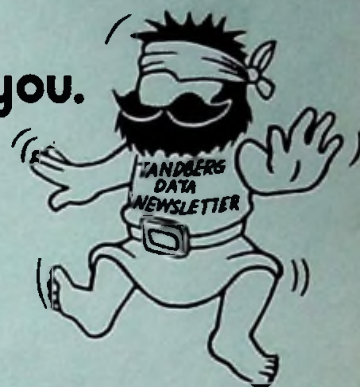
PUBL. NO.	REV. NO.	TITLE	PART NUMBER	CODE
N5163	0	TDC 3026 Comm. I/O Contr., Service Manual	387802	*
N5156	0	TDC 3026 Comm. I/O Contr., User's Manual	386832	*
N5162	0	TDC 3026 Signature Analysis Tables	389483	*
P5158	0	TDV 2100 16K/48K RAM	386674	*
P5068	1	TDV 2100 Keyboard Type K	372914	*
N5157	0	TDV 2100 VIP User's Guide TDV Emulators	391177	*
P1549	1	TDV 2114 Cartridge Controller Mk II	366006	*
N5090	1	TDV 2114 Commercial Basic, User's Manual	375538	*
P5159	0	TDV 2114 LCG Mk II	388355	*
N5054	1	TDV 2114 Reference Manual	373132	*
P5117	0	TDV 2115/16 Illustrated Parts List	387493	*
N5140	0	TDV 2116L User's Guide	389849	*

## ECN status list

**TDC 3000:** 3001-3039 (Distribution end of October)  
**TDV 2100:** 2001-2206 (Distribution end of October)  
**TDM 1000:** 1-15, 1001-1002  
**TDF 4000:** 4001-4006

Give th  
Keep u

Give the Newsletter a chance of reaching you.  
Keep us informed!



Please note the following change of address :

Name : \_\_\_\_\_  
Company : \_\_\_\_\_  
Old address : \_\_\_\_\_  
\_\_\_\_\_  
New address: \_\_\_\_\_  
\_\_\_\_\_



Please include me on the mailing list  
for future issues of Tandberg Data Newsletter :

Name : \_\_\_\_\_  
Company : \_\_\_\_\_  
Address : \_\_\_\_\_  
\_\_\_\_\_



TANDBERG DATA A/S  
P.O. Box 9 Korsvoll  
OSLO 8, NORWAY

Att.: Documentation and Information Group (DIG)

ER	CODE
12	*
2	*
3	*
4	*
4	*
7	*
6	*
8	*
5	*
2	*
	*
	*

er)  
er)

**Editorial staff**  
Per Kr. Fossum  
Gro Weltz  
Sigurd Humertelt  
Roy Borgen  
Frank Andersen



**TANDBERG DATA**

Documentation and Information Group  
(DIG)

TANDBERG DATA A/S  
P.O. Box 9 Korsvoll  
OSLO 8, NORWAY

© 1980 TANDBERG DATA A/S

Phone (47-2) 23 20 80  
Telex 17002 tdata n