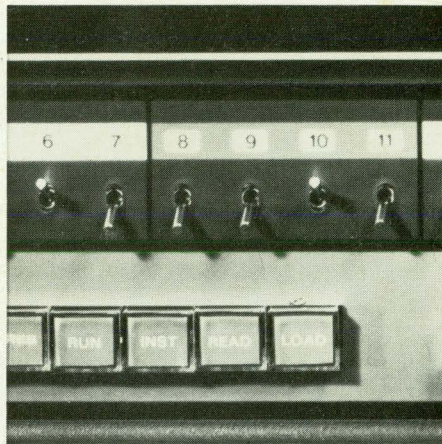
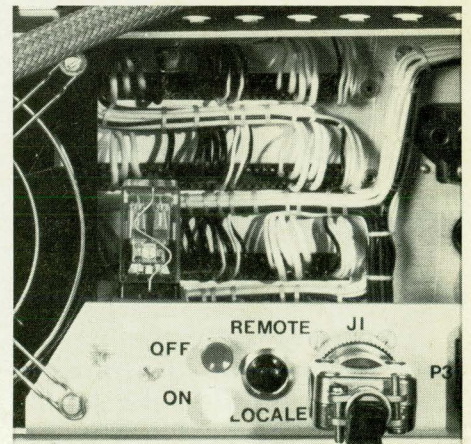
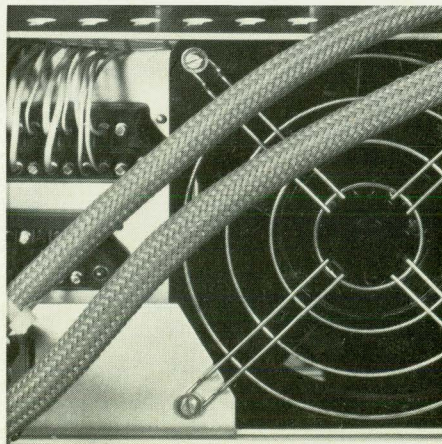
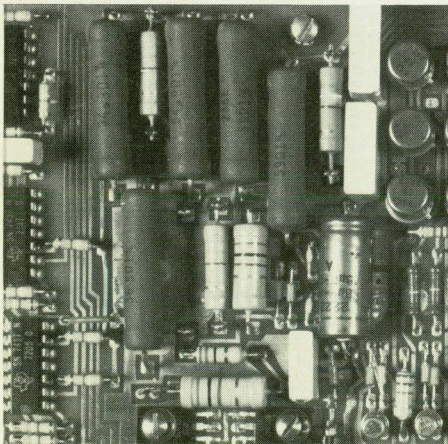


# P800M Minicomputers OEM Equipment



Price list for  
Continental Europe

1 November, 1973



Data  
Systems

# PHILIPS

This price list corresponds with Philips P800M Minicomputers OEM Equipment catalogue. The prices shown are subject to change without notice, and are for delivery ex works, Philips manufacturing facilities in Rambouillet, France, in Stockholm, Sweden, or in Rijswijk or Apeldoorn, The Netherlands, excluding packing. Terms and conditions of sale are contained in the Standard Philips OEM Agreement. These terms and conditions apply for all sales regardless of whether an OEM Agreement has been established.

The signature of this OEM Agreement entitles the purchaser to a quantity discount on central processors, central processor options and peripheral controllers (shown as discount schedule 1 items in the price list). The level of discount depends on the quantity of central processors ordered for delivery in a 12 month period. A separate quantity discount scale applies to certain Philips produced peripherals shown as discount schedule 2a or 2b, and is also based on the quantity of each peripheral ordered for delivery in a 12 month period. These discount schedules, which form part of the OEM Agreement, are shown below. No discount applies to discount schedule 0 items.

All equipment is tested and delivered for operation from 220 V 50 Hz. Details of other standard voltages or operating frequencies available are given in the P800 Minicomputers OEM Equipment Catalogue, and may be ordered by so specifying.

## DISCOUNT SCHEDULES

### Discount Schedule 1 Central Processors, Central Processor Options and Controllers

<i>Quantity Delivered per year</i>	<i>Discount</i>	<i>Quantity Delivered per year</i>	<i>Discount</i>
1	0%	21-30	31%
2	10%	31-50	34%
3-4	15%	51-100	37%
5	18%	101-200	39%
6-10	22%	201-500	41%
11-15	24%		
16-20	28%		

### Discount Schedule 2a, 2b Philips Peripherals

#### Schedule 2a

<i>Quantity Delivered</i>	<i>Discount</i>
1-4	0%
5-9	5%
10-24	10%
25-99	15%
100-199	20%
200-299	25%

#### Schedule 2b

<i>Quantity Delivered</i>	<i>Discount</i>
1	0%
2	5%
3-5	7.5%
6-10	10%
11-15	13.5%
16-20	16%
21-30	19%
31-50	22%
51-100	26%
101-200	30%
201-500	35%
501-1000	41%

Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1	Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1
<b>CENTRAL PROCESSOR</b>				<b>CENTRAL PROCESSOR</b>			
<b>P850M</b>				<b>P855M</b>			
P850M-201	CPU + 0.5k 3.2 $\mu$ sec. 16-bit memory (space for 1k), + 2 I/O spaces	6110	1	P855M-211	CPU + 4k 0.84 $\mu$ sec. 16-bit memory (space for 16k) + 6 I/O spaces	11830	1
P850M-202	CPU + 0.5k 3.2 $\mu$ sec. 16-bit memory (space for 2k), + 9 I/O spaces	6760	1	P855M-212	CPU + 8k 0.84 $\mu$ sec. 16-bit memory (space for 16k) + 6 I/O spaces	13520	1
P850M-203	CPU + 1k 3.2 $\mu$ sec. 16-bit memory (space for 1k), + 2 I/O spaces	6760	1	P855M-213	CPU + 16k 0.84 $\mu$ sec. 16-bit memory (space for 16k) + 6 I/O spaces	18980	1
P850M-204	CPU + 1k 3.2 $\mu$ sec. 16-bit memory (space for 2k), + 9 I/O spaces	7540	1	P855M-314	CPU + 24k 0.84 $\mu$ sec. 16-bit memory (space for 32k) + 6 I/O spaces	28730	1
P850M-205	CPU + 2k 3.2 $\mu$ sec. 16-bit memory (space for 2k), + 9 I/O spaces	8450	1	P855M-315	CPU + 32k 0.84 $\mu$ sec. 16-bit memory (space for 32k) + 6 I/O spaces	33150	1
<b>Options</b>				<b>Memory Modules</b>			
P850M-025	Real Time Clock, Line	260	1	P855M-104	4k 16-bit memory 0.84 $\mu$ sec.	6760	1
P850M-026	Real Time Clock, Crystal	650	1	P855M-108	8k 16-bit memory 0.84 $\mu$ sec.	7540	1
P850M-030	Power Fail-Auto Restart	260	1	P855M-116	16k 16-bit memory 0.84 $\mu$ sec.	11830	1
P850M-031	3-8 Interrupt Lines	260	1	<b>Options</b>			
P850M-032	9-16 Interrupt Lines	260	1	P855M-028	Hardware Mult/Div	5460	1
				P855M-023	Option Mounting Card 'A'	1040	1
				P855M-025	Real Time Clock, Line	260	1
				P855M-026	Real Time Clock, Crystal	650	1
				P855M-027	Memory Protect	260	1
				P855M-030	Power Fail-Auto Restart	260	1
				P855M-031	Interrupts 9-18	260	1
				P855M-032	Interrupts 19-28	260	1
				P855M-033	Interrupts 29-48	260	1
				P855M-024	Option Mounting Card 'B'	1040	1
				P855M-040	MIDB	260	1
				P855M-041	Multiplex Channel	260	1

Note 1 Discount Schedule 1 - CPU mainframe, options and controller discount rate. Discount is based on number of CPU mainframes delivered.

Discount Schedules 2a and 2b - Philips Peripheral discount rates  
Discount Schedules 0 - Not discountable

Note 2 The above prices are ex factory, excluding packing.  
Prices are subject to change.  
Invoices are payable in Dutch Guilders

Note 3 If CPU is required without DMA channel order P855M-x0x in place of P855M-x1x and deduct 300 hfl. e.g. for 4k system without DMA channel order P855M-201 in place of P855M-211. Number of I/O spaces increases to 8.

Note 4 If CPU with room for 32k is needed for P855M-211/212/213 (or P855M-201/202/203) order: P855M-311/312/313 (or P855M-301/302/3/3) and add 2990 hfl.

Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1	Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1
<b>PERIPHERALS AND CONTROLLERS</b>				<b>Disc Equipment</b>			
<b>Papertape Equipment</b>				<b>Magnetic Tape Equipment</b>			
P801-001	P.T. Reader 333 ch.p.s. (Digitronics 2540)	3665	0	P821-006	F.H. Disc, 560k char. (Sagem MS300-128)	23400	0
P802-001	P.T. Reader 600 ch.p.s. (Digitronics 2540)	4745	0	P821-055	Control Unit for 4 P821-006's	10400	1
P801-950	Control Unit for P801-001, P802-001	2425	1	P822-001	M.H. Disc 2.7M char. (Philips X1210)	9750	2a
P803-001	P.T. Punch 75 ch.p.s. (Facit 4070)	6475	0	P822-055	Control Unit for 2 P822-001's	15600	1
P804-001	P.T. Punch 150 ch.p.s. (Facit 4060)	11870	0	P822-100	Disc cartridge	540	2a
P803-950	Control Unit for P803-001 and P804-001	3235	1	<b>Cassette Equipment</b>			
P805-150	Combined P.T. Reader Punch and C.U.	14025	0	P831-002	9-track 25 i.p.s. Tape Unit (Pertec 6840-9)	18345	0
<b>Card Equipment</b>				P831-004	9-track 45 i.p.s. Tape Unit (Pertec 6840-9)	19420	0
P806-101	Card Reader 285 c.p.m. (Documation M200)	13000	0	P831-055	Control Unit for 4 P831-002's, P831-004's	5395	1
P806-951	Control Unit for P806-101	2600	1	P831-010	Formatter for P831-002	5395	0
<b>Line Printer Equipment</b>				P831-020	Formatter for P831-004	5395	0
P810-001	356 l.p.m., 80 col. Printer (Data Products 2310)	42080	0	<b>Powering</b>			
P811-001	245 l.p.m., 132 col. Printer (Data Products 2420)	50345	0	P833-001	Cassette Drive Unit	3500	2b
P812-001	670 l.p.m., 132 col. Printer (Data Products 2440)	70135	0	P833-050	Control Unit for 4 P833-001's	6475	1
P810-950	Control Unit for P810-001, P811-001, P812-001	2425	1	P833-010	Shelf for 2 cassette Drive Units	650	1
<b>Plotter Equipment</b>				P833-100	Tape cassette	50	0
P813-001	11 inch Plotter (Calcomp 565)	23525	0	<b>Handwritten notes:</b> 49000 90650 9100 148750			
P813-002	28 inch Plotter (Calcomp 563)	38300	0				
P813-950	Control Unit for P813-001, P813-002	3500	1				
<b>Typewriter Equipment</b>							
P841-001	Light duty with paper tape (Teletype ASR33)	4225	0				
P841-002	Heavy duty with paper tape (Teletype ASR35)	on request	0				
P841-003	Light duty (Teletype KSR33)	3510	0				
P841-004	Heavy duty (Teletype KSR35)	on request	0				
P841-950	Control Unit for P841-001, P841-002, P841-003, P841-004	540	1				
P842-001	Character printer with keyboard (PER 3100) incl. integration charge	10920	2a				
P842-950	Control Unit for P842-001	1105	1				
<b>Display Equipment</b>							
P818-950	Control Unit for CCITT V24 interfacing devices	1105	1				

Note 1 Discount Schedule 1 - CPU mainframe, options and controller discount rate. Discount is based on number of CPU mainframes delivered.  
Discount Schedules 2a and 2b - Philips Peripheral discount rates  
Discount Schedules 0 - Not discountable

Note 2 The above prices are ex factory, excluding packing. Prices are subject to change. Invoices are payable in Dutch Guilders.

Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1	Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1
<b>Equipment Shelves</b>				<b>ANALOG AND DIGITAL OUTPUT SYSTEM</b>			
P849-010	Shelf for 4 I/O cards	915	1	<b>Control Cards</b>			
P849-011	Shelf for 22 I/O cards	1620	1	P839-050	DIOC	1820	1
P849-013	Shelf for 20 I/O cards	2160	1	P839-150	DIC	1755	1
P849-018	Shelf for 10 I/O cards	1295	1	P839-250	DOC	1885	1
P849-019	Shelf for powering	805	1	P838-050	MIOS Controller M4S	2250	1
<b>Cabinets and accessories</b>				P838-150	MIOS Controller M4D	1045	1
P849-016	19 inch Cabinet 36 u basic	2730	1	P838-250	A/D + D/A Controller M4C	2615	1
P849-116	Extension cabinet for P849-016	2600	1	<b>Input Options for Digital Input/Output Systems</b>			
P849-017	19 inch cabinet 36 u with ventilation and power distribution	3380	1	P839-001	Input Buffer	1690	1
P849-117	extension cabinet for P849-017	3120	1	P839-002	Input Adapter, 1.5V	1690	1
P849-040	ventilation unit 2 fans	780	1	P839-003	Input Adapter, 5.9V	1690	1
P849-041	ventilation unit 4 fans	1170	1	P839-004	Input Isolator	2600	1
P849-042	power distribution 10A	260	1	P839-005	Input Buffer, change of state detector	1755	1
P849-043	power distribution 25A	390	1	P839-006	Input Buffer, Adapter, 1.5V	1755	1
P849-044	general purpose mounting slides	365	1	P839-007	Input Buffer, Adapter, 5.9V	1755	1
P849-045	mounting slides for P821-006	390	1	P839-008	Input Buffer, change of state detector and adapter 1.5V	1820	1
P849-046	front panel 1u	40	1	P839-009	Input Buffer, change of state detector and adapter, 5.9V	1820	1
P849-047	front panel 3u	50	1	<b>Output Options for Digital Input/Output System</b>			
P849-048	front panel 5u	60	1	P839-010	Output Level Adjust, low	1430	1
P849-049	front panel 7u	65	1	P839-011	Output Isolator and Level adjust.	2730	1
<b>Cards and Connectors</b>				P839-012	Output Level adjust, high	1430	1
P849-002	Blank card	260	1	<b>Data Communication</b>			
P849-005	Male Connector	20	1	P845-050	MELCU	2370	1
P849-006	Female Connector	20	1	P845-150	MELCU (TTL interface)	2370	1
P849-012	General purpose Card with I/O bus logic	1080	1	P845-102	MIU	1620	1
P849-035	Male Connector for I/O Slot	30	1	P846-950	ASYLCU	2160	1
<b>Extenders and Adapters</b>				P848-001	Clock Pulse Card	1080	1
P849-015	I/O extender	1080	1	P848-002	Speed Option on P848-001	215	1
P849-115	I/O extender	1080	1	P847-950	SYLCU	2160	1
P849-215	Interrupt Cables	560	1	P847-101	DERCO	2160	1
P849-315	I/O extender for P850	1080	1	P849-023	Cable	160	1
P849-031	I/O extender for DMA	1080	1	P849-024	Cable	215	1
<b>Maintenance Equipment (Note 3)</b>				P849-025	Cable	265	1
P849-003	Extension card for maintenance of P855 and P860 CPU	265	1	P849-026	Cable	325	1
P849-004	Extension card for maintenance of P850 CPU and all I/O cards	215	1	P849-027	Cable	375	1
P849-050	Maintenance control panel	1620	1	P849-028	Cable	430	1
<i>Note 1 Discount Schedule 1 - CPU mainframe, options and controller discount rate. Discount is based on number of CPU mainframes delivered. Discount Schedules 2a and 2b - Philips Peripheral discount rates. Discount Schedules 0 - Not discountable.</i>				P849-029	Panel	110	1
<i>Note 2 The above prices are ex factory, excluding packing. Prices are subject to change. Invoices are payable in Dutch Guilders.</i>				P849-030	Panel	540	1
				P849-126	Cable	325	1
				P849-127	Cable	375	1
				P849-128	Cable	430	1
				P849-226	Cable	265	1
				P849-227	Cable	325	1
				P849-228	Cable	375	1
				P849-326	Cable	215	1
				P849-327	Cable	265	1
				P849-328	Cable	325	1
				<i>Note 3 See also Service Catalogue for further details of Spares and Tools.</i>			

Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1	Type No.	Short Description	List Price Dutch Guilders	Discount Schedule Note 1
<b>SOFTWARE</b>				<b>Additional Copy</b>			
<b>P850M stand-alone software</b>				Each additional copy of above software groups see note 3.			
PV170-002	Basic package	430	0			265	0
PV164-001	Driver for card reader	}	note 5				
PV164-002	Driver for line printer						
PV164-003	Driver for cassette tape						
<b>P855M stand-alone software</b>							
PV170-100	Basic package	430	0				
PV162-001	Basic FORTRAN		note 5				
<b>Basic Operating System</b>							
PV170-020	Basic package	430	0				
PV162-005	Basic FORTRAN	}	note 5				
PV160-003	Extended Assembler						
PV165-013	Extended Debugging package						
PV170-021	Full FORTRAN and Transcoder						
PV165-016	Cassette premark						
PV107-003	Line procedure BSC						
PV107-010	D.C. extension	3000	0				
<b>Disc Operating System</b>							
PV170-040	Basic package	865	0				
PV162-006	Basic FORTRAN	}	note 5				
PV165-015	Extended Debugging package						
PV170-041	Full FORTRAN and Transcoder						
PV165-016	Cassette premark						
PV107-003	Line procedure based on BSC						
PV107-012	D.C. extension	3000	0				
<b>Small Real Time System</b>							
PV170-060	Basic package	650	0				
<b>Basic Real Time System</b>							
PV170-070	Basic package	7555	0				
PV166-003	Real Time FORTRAN library	}	note 5				
PV107-003	Line procedure BSC						
PV107-011	D.C. extension			3000	0		
<b>Disc Real Time System</b>							
PV170-080	Basic package	7555	0				
PV166-004	Real Time FORTRAN library	}	note 5				
PV107-003	Line procedure BSC						
PV107-013	D.C. extension			3000	0		

Note 1 Discount Schedule 1 - CPU mainframe, options and controller discount rate. Discount is based on number of CPU mainframes delivered.

Discount Schedules 2a and 2b - Philips Peripheral discount rates  
Discount Schedules 0 - Not discountable

Note 2 The above prices are ex factory, excluding packing. Prices are subject to change. Invoices are payable in Dutch Guilders

Note 3 To obtain the Additional Copy price, applicable to repeat orders for Hardware Configuration, add the letter 'C' behind the software groups (PV170-xxx) involved, and show Philips Order Confirmation number of system with which the software was first delivered.

Note 4 Available Test software is delivered free of charge with all initial software orders delivered together with equipment. Prices for delivery of test software without related equipment are available on request.

Note 5 Available free of charge when ordered together with standard software package and the appropriate peripheral.

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