

Printer Configuration

Version 1.5
05/2014

English



KERN YKB-01N



KERN YKS-01



KERN 911-013



KERN YKN-01

YKB_YKS_YKN_911-ZB-e-1415

KERN Printer Configuration

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Only the printer settings (Switch) relevant for the configuration scales / printer will be described below; further settings can be seen in the operating instructions delivered with the printer.

1. KERN YKB-01N

DIP Switch setting:

Speed	1200	2400	4800	9600
SW1	on	off	on	off
SW2	on	on	off	off
SW3	on	8 bit data (no parity)		
	off	7 bit data		
SW4	on	Parity checked		
	off	Ignore parity		
SW5	on	Even parity		
	off	Odd parity		
SW6	on	Summer time		
	off	Winter time		
Lang.	N.U.	GER.	ENG.	FRA.
SW7	on	off	on	off
SW8	on	on	off	off

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
440-572-573-CB-DE-DS-KB-CKE-QKE-PCB-CDE-CME-CDEE-FCB-FKB	9600 Bd No parity		9600							on					572-926
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
470	1200 Bd No parity	8 if.3	83 b.l 1			83 PR 0			81 O.C.7	on					770-926
										x	x	x	-	-	
													-	-	
										1	2	3	4	5	
474	1200 Bd No parity	6 if.1	62 b.L.1			63 PA.0			61 O.C.7	on					474-926
										x	x	x	-	-	
													-	-	
										1	2	3	4	5	
ABS/ABJ ABT	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	iF:USEr	1200		S-S1	P-no	H-off	F-dF.1	d-CR	on					770-926 (ABS-A05)
										x	x	x	-	-	
													-	-	
										1	2	3	4	5	
ACS/ACJ ABS-N / ABJ-NM	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	MODE „U“	1200		S.1	P.NONE	HS.OFF	DF.1	DELIM „CR“	on					ACS-A01
										x	x	x	-	-	
													-	-	
										1	2	3	4	5	
AES/AEJ	1200 Bd No parity	7.l.F.2	1200			73.PA.0			71.o.c.3 or 71.o.c.7	on					MLB-A05
										x	x	x	-	-	
													-	-	
										1	2	3	4	5	

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable				
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
AEJ-N/AES-N ILS/ILJ	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off			on	MLB-A05				
										x x					
										1 2 3 4 5					
AEJ-CM AES-C	9600 Bd No parity (8 data bits) 1 Stop bit	P3Commu nication→C OM1→ Baud 9600→ Parity None	9600	-	-	none	-	-	-	on	MLB-A05				
										- - x - -					
										x x - - -					
										1 2 3 4 5					
AET-NM	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Admin→ Commun ication→ Com1	9600	8	1	none	-	-	-	on	MLB-A05				
										x x - - -					
										1 2 3 4 5					
ALJ-AM ALS-A	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	PC→ Prtr→Pr →CnD	9600	8	1	none	-	-	-	On	572-926				
										x x - - -					
										1 2 3 4 5					
ALJ-N/ALS-N PLJ-N /PLS-N ALT/PLT, ILT	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off			on	MLB-A05				
										x x - - -					
										1 2 3 4 5					
ALJ_ALS / PLJ_PLS-A/F PLE-N	9600 Bd No parity (8 data bits) 1 Stop bit		baud rt „br9600“							on	572-926				
										x x - - -					
										1 2 3 4 5					
ALT_B PLT_A PLT_F	9600 Bd No parity (8 data bits) 1 Stop bit	RS232: PRINT- Taste/ On demand	Baud rate 9600							on	572-926				
										x x x x x					
										1 2 3 4 5					

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
ARJ-S/PRJ-S/ MRS / 880	9600 Bd No parity (8 data bits) 1 Stop bit		Set Interface BAUD 9600			Set Interface PARITY 8-NO- 1STOP	Set Interface HAND- SHAKE „NO“			on					PR-A23
												X	-	-	
										x	x		-	-	
										1	2	3	4	5	
CFS /CCS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	F2Prt→P node→P rint →AU off	9600	8	1	none	-	-	-	on					CFS-A01
										x		X	-	-	
											x		-	-	
										1	2	3	4	5	
CPB-N CPB-DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 9600						PTYPE→ tP LAnG→ Eng	on					CFS-A01
												X	-	-	
										x	x		-	-	
										1	2	3	4	5	
CWS	9600 Bd No parity (8 data bits)		F- 06- 04=“2“			F- 06- 05=“2“		F- 06- 03=“0“	F- 06-01=“0“	on					CWS-A02
												X	-	-	
										x	x		-	-	
										1	2	3	4	5	
CXP	9600 Bd No parity (8 data bits) 2 Stop bit	7	7	7	7	7			7 FLOW “NONE”	on					CXP-A02
		I O SEt „r232““	bAUd „9600“	dAtA „8“	StoP „2“	Parity “NONE”						X	-	-	
										x	x		-	-	
										1	2	3	4	5	
								8 SETC „0“							

Balance										KERN YKB-01N																
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable											
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																	
DBS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Progrm→ CoM.SET → oUT.1	baud rt „br9600 “	-	S Top.1	P.NONE	HS.OFF		DELIM „CR“ INTVL „1sec – final“	on					572-926											
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)								<table><tr><td></td><td></td><td>X</td><td>-</td><td>-</td></tr><tr><td>X</td><td>X</td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>			X	-		-	X	X		-	-	1	2	3	4	5
		X	-	-																						
X	X		-	-																						
1	2	3	4	5																						
DLB-A	9600 Bd No parity (8 data bits) 1 Stop bit	Serial→M anuPC oder→ Auto PC	baud rt „br9600 “	-	-	-	-	-		on					572-926											
										<table><tr><td></td><td></td><td>X</td><td>-</td><td>-</td></tr><tr><td>X</td><td>X</td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>			X	-		-	X	X		-	-	1	2	3	4	5
		X	-	-																						
X	X		-	-																						
1	2	3	4	5																						
DLT	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit	Prt Man. oder Prt Auto.	baud rt „9600 baud“	-	-	-	-	-	CTS „off“	on					572-926											
										<table><tr><td></td><td></td><td>X</td><td>-</td><td>-</td></tr><tr><td>X</td><td>X</td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>			X	-		-	X	X		-	-	1	2	3	4	5
		X	-	-																						
X	X		-	-																						
1	2	3	4	5																						
EG/EW-NM	1200 Bd No parity 6 data bits	7.I.F.1	72.bL.1			73.PA.0			71.o.c.7	on					474-926											
										<table><tr><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td></td><td></td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>	X	X	X	-		-				-	-	1	2	3	4	5
X	X	X	-	-																						
			-	-																						
1	2	3	4	5																						
EMB-V	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit	rE CR PRINT- key	bAUd 9600							on					572-926											
										<table><tr><td></td><td></td><td>X</td><td>-</td><td>-</td></tr><tr><td>X</td><td>X</td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>			X	-		-	X	X		-	-	1	2	3	4	5
		X	-	-																						
X	X		-	-																						
1	2	3	4	5																						
EWJ	9600 Bd No parity 8 data bits Output after pressing „PRINT“	F3 com→ S 232 → P Prt F4 Acc off	BAUD → 9600						PTYPE→ tp	on					CFS-A01											
										<table><tr><td></td><td></td><td>X</td><td>-</td><td>-</td></tr><tr><td>X</td><td>X</td><td></td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr></table>			X	-		-	X	X		-	-	1	2	3	4	5
		X	-	-																						
X	X		-	-																						
1	2	3	4	5																						

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable				
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
FES/FEJ PES/PEJ	1200 Bd No parity 6 data bits 1 Stop bit No handshake	6.l.F.1	62.b.l. →1200			63.PA.0			61.o.c.7	on X X X - - - - - - - 1 2 3 4 5	MLB-A05				
FTB-FTC-ITB-ITS-ITT KMB-KMS-KMT	2400 Bd No parity 7 data bits		bAUd→ 2400			PArity→ 7 none				on - X X - - X - - - - 1 2 3 4 5					
GAB-N GAB-DNM	9600 Bd No parity (8 data bits) Automatic data output	P Cont→ AU on	b→ 9600						PTYPE→ tP LAnG→ Eng	on - - X - - X X - - - 1 2 3 4 5					
IFS	9600 Bd No parity	F7 UA → 4UA5	9600	-	-	none	-	-	-	on - - X - - X X - - - 1 2 3 4 5	MLB-A05				
ILT-BM	9600 Bd No parity 8 data bits 1 Stop bit No handshake	Com.→ RS23	9600	8	1	none	-	-	-	on - - X - - X X - - - 1 2 3 4 5					
IXS	03rbl→rbl01 9600→rbl02 none→FM11		9600	-	-	none	-	-	-	on - - X - - X X - - - 1 2 3 4 5					

Balance										KERN YKB-01N						
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable	
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
KME-KMN-BTEP-UTEP-UTNN-NTEP-NTNN-STB-UTB	9600 Bd No parity (8 data bits) No handshake		F4.3.1→ 9600			F4.3.2→ 8-none	F4.3.3→ off			on					KME: MLB-A05 KMN: MLB-A05 (additional to the original cable)	
										x	x		-	-		
										1	2	3	4	5		
KDE-T	9600 Bd No parity		9600							on					572-926	
										x	x		-	-		
										1	2	3	4	5		
KFB-TM IFB, BFB, UFB	9600 Bd No parity Printout after pressing „PRINT“	PxCOM→ MODE→ PR1	BAUD→ 9600			Pr→ 8n1		Lab x Prt x	PTYPE→ tPUP LAnG→ eng	on					CFS-A01	
										x	x		-	-		
										1	2	3	4	5		
KFN-TM BFN, SFB, UFN	9600 Bd No parity Printout after pressing „PRINT	PxCOM→ MODE→ PR1	BAUD→ 9600			Pr→ 8n1		Lab x Prt x	PTYPE→ tPUP LAnG→ eng	on					KFN-A01	
										x	x		-	-		
										1	2	3	4	5		
KFF-T	9600 Bd No parity Output after pressing M+	MODE→ „P Prt“	BAUD→ 9600					Lab 0 Prt 0	PTYPE→ KERN P (ty-tp)	on					CFS-A01	
										x	x		-	-		
										1	2	3	4	5		
KXE-TM	9600 Bd No parity Output after pressing „PRINT“	RS1-01 →“2“	RS1-02 →“3“	RS1-03 →“0“			-	RS1-07 →“0“	RS1-00→“0-5“ RS1-04→“1“ RS1-05→“0“ RS1-08→“0“	on					572-926	
										x	x		-	-		
										1	2	3	4	5		

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
KFS-T / BFS / IFS	9600 Bd No parity Output after pressing „PRINT“	4.IF.4 And 42.o.c.1	43.b.l.4			44.PA.0		41.dA.7		on					MLB-A05
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MLB-N MLB-C	9600 Bd		P5-01 bAud 9600							on					MLB-A05
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MLS-A	9600 Bd No parity No continuous data output		Series → Baud rate→ 9600			Series → Parity → off			Series → Continuous →off	on					MLB-A05
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MLS-N MLS-C	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	-	P5-01-2	P5-03-2	P5-04-1	P5-02-0	P5-05-0			on					MLB-A05
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									on					Interface cable as per standard
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MPS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									on					MPS-A08
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MPU	9600 Bd No parity (8 data bits)									on					Interface cable as per standard
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	

Balance										KERN YKB-01N					
Balance Type	Configuration	Menu settings								Printer settings (Switch)					Interface cable
		Mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
PBS/PBJ	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Menu group 7 HFbPSd	b-9600		S -1	P-no	H-off	F-Eb	d-CR	on					770-926
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
PET / ILT-NM	Communication →COM1→Gesc hw. 9600→Daten8→ Stop1→ Parity none		9600	8	1	none	-	-	-	On					MLB-A05
										-	-	x	-	-	
										x	x	-	-	-	
										1	2	3	4	5	
PFB	9600 Bd No parity 8 Data bits, printout after pressing „PRINT“	S 232 MODE→ P Prt	BAUD→ 9600						PTYPE→ tp	on					CFS-A01
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
PLJ-CM	P3Communicati on→P3.1Com1 →P3.1.1 baud 9600→P3.1.2 Parity none		9600	-	-	none	-	-	-	On					MLB-A05
										-	-	x	-	-	
										x	x	-	-	-	
										1	2	3	4	5	
RPB-DM	Cal F9→9600 CalF10→8n1		9600	8	1	none	-	-	Input price before printout	On					CFS-A01
										-	-	x	-	-	
										x	x	-	-	-	
										1	2	3	4	5	

- = setting Switch 4 and 5 not relevant, if no parity (8 bits)

2. KERN 911-013

Balance										KERN 911-013																									
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable																								
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																										
440-572-573-CB-DE-DS-KB-CKE-QKE-PCB-CDE-CME-CDEE-FCB-FKB	9600 Bd No parity		9600							on <table><tr><td></td><td></td><td>X</td><td></td><td></td><td></td><td>X</td><td></td></tr><tr><td>X</td><td>X</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>X</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			X				X		X	X		X	X	X		X	1	2	3	4	5	6	7	8	572-926 (adapter 9/24 poles added to the printer) or old: 572-928
		X				X																													
X	X		X	X	X		X																												
1	2	3	4	5	6	7	8																												
470	Not possible																																		
474	Not possible																																		
ABS/ABJ ABT	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	iF:USER	1200		S-S1	P-no	H-off	F-dF.1	d-CR	on <table><tr><td></td><td></td><td>X</td><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td>X</td><td>X</td><td></td><td>X</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			X		X				X	X		X		X	X	X	1	2	3	4	5	6	7	8	770-926 (ABS-A05)
		X		X																															
X	X		X		X	X	X																												
1	2	3	4	5	6	7	8																												
ACS/ACJ ABS-N / ABJ-NM	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	MODE „U“	1200		S.1	P.NONE	HS.OFF	DF.1	DELIM „CR“	on <table><tr><td></td><td></td><td>X</td><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td>X</td><td>X</td><td></td><td>X</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			X		X				X	X		X		X	X	X	1	2	3	4	5	6	7	8	770-926 (ABS-A05)
		X		X																															
X	X		X		X	X	X																												
1	2	3	4	5	6	7	8																												
AES/AEJ	1200 Bd No parity	7.I.F.2	1200			73.PA.0			71.o.c.3 or 71.o.c.7	on <table><tr><td>X</td><td>X</td><td>X</td><td></td><td>X</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>X</td><td></td><td>X</td><td>X</td><td>X</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>	X	X	X		X							X		X	X	X	1	2	3	4	5	6	7	8	MLB-A05 + (Adapter 9/24 poles added to the printer) + gender changer (yellow) on the printer side
X	X	X		X																															
			X		X	X	X																												
1	2	3	4	5	6	7	8																												

Balance										KERN 911-013								
Balance Type	Configuration	Menu settings								Printer settings (Switch)						Interface cable		
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous									
ALJ-N/ALS-N PLJ-N /PLS-N ALT/PLT, ILT	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off			on								MLB-A05 + (Adapter 9/24 poles added to the printer) + gender changer (yellow) on the printer side
ALJ_ALS / PLJ_PLS-A/F PLE-N	9600 Bd No parity (8 data bits) 1 Stop bit		baud rt „br9600“				off			on								572-926 (adapter 9/24 poles added to the printer) or old: 572-928
ARJ-S/PRJ-S/ MRS / 880	9600 Bd No parity (8 data bits) 1 Stop bit		Set Interfac e BAUD 9600			Set Interface PARITY 8-NO-1STOP	Set Interface HAND-SHAKE „NO“			on								PR-A23 + (Adapter 9/24 poles added to the printer) + gender changer (yellow) on the printer side

Balance										KERN 911-013																									
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable																								
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																										
CFS	4800 Bd No parity (8 data bits)	Pmode Print „AUoff“	P baud “b 4800”			Parity “8 n l”			Ptype “tPUP”	o n <table><tr><td></td><td></td><td>x</td><td></td><td>x</td><td>x</td><td></td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td></td><td></td><td>x</td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x		x	x			x	x		x			x	x	1	2	3	4	5	6	7	8	CFS-A01 (=zero modem cable with female plug, but without jumpers in the plug)
		x		x	x																														
x	x		x			x	x																												
1	2	3	4	5	6	7	8																												
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS							o n <table><tr><td></td><td></td><td>x</td><td></td><td>x</td><td>x</td><td></td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td></td><td></td><td>x</td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x		x	x			x	x		x			x	x	1	2	3	4	5	6	7	8	MLB-A05
		x		x	x																														
x	x		x			x	x																												
1	2	3	4	5	6	7	8																												
CPB-N CPB- DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 9600						PTYPE→ tP LAnG→ Eng	o n <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	CFS-A01
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
CWS	9600 Bd No parity (8 data bits)		F- 06- 04=“2”			F- 06- 05=“2”		F- 06- 03=“0”	F- 06- 01=“0”	o n <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	CWS-A02 + gender changer (yellow) + (adapter 9/24 poles) added to the printer
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
CXP	9600 Bd No parity (8 data bits) 2 Stop bit	7 I 0 SEt „r232“	7 bAUd „9600”	7 dAtA „8”	7 StoP „2”	7 Parity “NONE”			7 FLOW “NONE”	o n <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	CXP-A02 + gender changer (yellow) + (adapter 9/24 poles) added to the printer
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS							o n <table><tr><td></td><td></td><td>x</td><td></td><td>x</td><td>x</td><td></td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td></td><td></td><td>x</td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x		x	x			x	x		x			x	x	1	2	3	4	5	6	7	8	MLB-A05
		x		x	x																														
x	x		x			x	x																												
1	2	3	4	5	6	7	8																												

Balance										KERN 911-013							
Balance Type	Configuration	Menu settings								Printer settings (Switch)				Interface cable			
		mode	Baud rate	Data bits	Stop bits	Parity	Handshake	Data format	Miscellaneous								
DLB-A	9600 Bd No parity (8 data bits) 1 Stop bit	Serial→ ManuP C oder→ Auto PC	baud rt „br9600“							on				572-926			
DBS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Progrm →CoM. SET→ oUT.1	baud rt „br9600“	-	STop.1	P.NONE	HS.OFF		DELIM „CR“ INTVL „1sec – final“	on				572-926			
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)															
DLT	9600 Bd No parity (8 data bits) 1 Stopbit	Prt Man. oder Prt Auto.	baud rt „9600 baud“						„off“	on				572-926			
EMB-V	9600 Bd No parity (8 data bits) 1 Stop bit	rE CR PRINT- Taste	bAUd 9600							on				572-926			
EG/EW -NM	1200 Bd No parity 6 data bits	7.I.F.1	72.bL.1			73.PA.0				on				474-926			
FES FEJ PES PEJ	1200 Bd No parity 6 data bits 1 Stop bit No handshake	6.I.F.1	62.b.I. →1200			63.PA.0				on				474-926 or MLB- A05			

Balance										KERN 911-013																									
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable																								
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																										
FTB- FTC- ITB/ITS ITT KMB KMS KMT	2400 Bd No parity 7 data bits		bAUd→ 9600			PArity→ 7 none				on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	572-926 (adapter 9/24 poles added to the printer) or old: 572-928
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
GAB-N GAB-DNM	9600 Bd No parity (8 data bits) Automatic data output	P Cont→ AU on	b→ 9600						PTYPE→ tP LAnG→ Eng	on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	CFS-A01 + gender changer (yellow) + (adapter 9/24 poles) added to the printer
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
KDE-T	9600 Bd No parity		9600							on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	572-926 (adapter 9/24 poles added to the printer) or old: 572-928
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
KME KMN BTEP UTEP UTNN NTEP NTNN STB UTB	9600 Bd No parity (8 data bits) No handshake		F4.3.1→ 9600			F4.3.2→ 8-none	F4.3.3→ off			on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	MLB-A05 + (adapter 9/24 poles added to the printer)
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												

Balance										KERN 911-013									
Balance Type	Configuration	Menu settings								Printer settings (Switch)						Interface cable			
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous										
KFB-TM IFB, BFB, UFB	9600 Bd No parity Printout after pressing „PRINT“	PxCOM → MODE→ PR1	BAUD→ 9600			Pr→ 8n1		Lab x Prt x	PTYPE→ tPUP LAnG→ eng	on								CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)	
												x				x			
										x	x		x	x	x		x		
										1	2	3	4	5	6	7	8		
KFN-TM BFN, SFB, UFN	9600 Bd No parity Printout after pressing „PRINT“	PxCOM → MODE → PR1	BAUD→ 9600			Pr→ 8n1		Lab x Prt x	PTYPE→ tPUP LAnG→ eng	on								KFN-A01+ gender changer (yellow) + (adapter 9/24 poles added to the printer)	
												x				x			
										x	x		x	x	x		x		
										1	2	3	4	5	6	7	8		
KFS-T / BFS / IFS	9600 Bd No parity Printout after pressing „PRINT“	4.IF.4 And 42.o.c.1	43.b.l.4			44.PA.0		41.dA.7	KFS-T / BFS / IFS	on								MLB-A05 + Gender changer (yellow) + (adapter 9/24 poles added to the printer)	
												x				x			
										x	x		x	x	x		x		
										1	2	3	4	5	6	7	8		
KFF-T	9600 Bd No parity Output after pressing “M+”	MODE → P Prt	BAUD→ 9600					Lab 0 Prt 0	PTYPE→ KERN P (ty-tp)	on								CFS-A01	
												x				x			
										x	x		x	x	x		x		
										1	2	3	4	5	6	7	8		

Balance										KERN 911-013																									
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable																								
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																										
MLB-N	9600 Bd		P5-01 bAud 9600							on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	MLB-A05 +
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
MLS-A	9600 Bd No parity No continuous data output		Series → Baud rate→ 9600			Series → Parity → off			Series → Continuous →off	on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	MLB-A05
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
MLS-N	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	-	P5-01-2	P5-03-2	P5-04-1	P5-02-0	P5-05-0			on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	MLB-A05
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	Interface cable as per standard + gender changer (yellow) on the printer side + (adapter 9/24 poles added to the printer)
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
MPS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									on <table><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td>x</td><td></td><td>x</td><td>x</td><td>x</td><td></td><td>x</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>			x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	MPS-A08 + gender changer (yellow) on the printer side + (adapter 9/24 poles added to the printer)
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												

Balance										KERN 911-013							
Balance Type	Configuration	Menu settings								Printer settings (Switch)				Interface cable			
		mode	Baud rate	Data bits	Stop bits	Parity	Handshake	Data format	Miscellaneous								
MPU	9600 Bd No parity (8 data bits)									on				Interface cable as per standard + gender changer (yellow) on the printer side + (adapter 9/24 poles added to the printer)			
												X					
										X	X		X	X	X		X
										1	2	3	4	5	6	7	8
MPE	9600 Bd No parity (8 data bits), Printout after pressing „PRINT“	F2 Sut →Prt F3 PRT →Prt →0-3(je nach Printout see manual MPE (Standard 0)	BAUD→ 9600						PTYPE→ tpup	on				CFS-A01 (=Nullmodem-Kabel m. Stecker-Buchse allerdings ohne Brücken im Stecker)			
												X					
										X	X		X	X	X		X
										1	2	3	4	5	6	7	8
PBS PBJ	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Menu group 7 HFbPSd	b-9600		S -1	P-no	H-off	F-Eb	d-CR	on				770-926 ABS-A05)			
												X					
										X	X		X	X	X		X
										1	2	3	4	5	6	7	8
PFB	9600 Bd No parity 8 Data bits, printout after pressing „PRINT“	S 232 MODE → P Prt	BAUD→ 9600						PTYPE→ tp	on				CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)			
												X					
										X	X		X	X	X		X
										1	2	3	4	5	6	7	8

3. KERN YKS-01

DIP Switch setting:

Speed	1200	2400	4800	9600
SW1	ON	OFF	ON	OFF
SW2	ON	ON	OFF	OFF
SW3	SW4	FORMAT		
OFF	OFF	8 bits – no parity		
ON	OFF	7 bits – odd parity		
OFF	ON	7 bits – even parity		
ON	ON	7 bits – ignore parity		
SW5	ON	Summer time		
	OFF	Winter time		
SW6	ON	Statistics ON		
	OFF	Statistics OFF		
Lang.	POL.	GER.	ENG.	FRA.
SW7	ON	OFF	ON	OFF
SW8	ON	ON	OFF	OFF

Balance										KERN YKS-01					
Balance Type	Configuration	Menu settings								Printer settings (Switch)				Interface cable	
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous						
440-572-573-CB-DE-DS-KB-CKE-QKE-PCB-CDE-CME-CDEE-FCB-FKB	9600 Bd No parity		9600		S-S1	P-no	H-off	F-dF.1	d-CR						572-926
										on					
										off	x	x	x	x	
										1	2	3	4		

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
470	Not possible														
474	Not possible														
ABS/ABJ ABT	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	iF:USER	1200		S-S1	P-no	H-off	F-dF.1	d-CR						770-926 (ABS-A05)
										on	x	x			
										off			x	x	
										1	2	3	4		
ACS/ACJ ABS-N / ABJ-NM	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	MODE „U“	9600		S.1	P.NON E	HS.OF F	DF.1	DELIM „CR“						ACS-A01
										on					
										off	x	x	x	x	
										1	2	3	4		
AES/AEJ	1200 Bd No parity	7.I.F.2	1200			73.PA.0			71.o.c.3 or 71.o.c.7						MLB-A05
										on	x	x			
										off			x	x	
										1	2	3	4		
AEJ-CM AES-C	P3Communica tion→COM1→ Baud 9600→Parity None		9600	-	-	none	-	-	-						MLB-A05
										on					
										of f	x	x	x	x	
										1	2	3	4		
AET-NM	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Admin →Com munica tion→ Com1	9600	8	1	none									MLB-A05
										on	x	x			
										of f			x	x	
										1	2	3	4		

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)		Interface cable			
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
ALJ-AM ALS-A	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit Kein Handshake	PC→Pr tr→Pr →CnD	9600	8	1	keine	-	-	-			572-926			
										on					
										off	x		x	x	x
										1		2	3	4	
ALJ-N/ALS-N PLJ-N /PLS- N ALT/PLT, ILT	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off					MLB-A05			
										on					
										off	x		x	x	x
										1		2	3	4	
ALJ_ALS / PLJ_PLS-A/F PLE-N	9600 Bd No parity (8 data bits) 1 Stop bit		baudrt → br 9600				off					572-926			
										on					
										off	x		x	x	x
										1		2	3	4	
ARJ-S/PRJ- S/ MRS / 880	9600 Bd No parity (8 data bits) 1 Stop bit		Set Interf. BAUD 9600			Set Interf. PARITY 8-NO- 1STOP	Set Interf. HAND- SHAKE „NO“					PR-A23			
										on					
										off	x		x	x	x
										1		2	3	4	

Balance	KERN YKS-01														
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
CFS	Not possible														
CPB / RPB-NM	Not possible														
CPB-N CPB-DM	Not possible														
CWS	Not possible														
CXP	Not possible														
DLB-A	Not possible														
DLT	Not possible														
DBS	9600 Bd No parity 8 data bits 1 Stop bit No handshake	Progrm →CoM. SET→ oUT.1	baud rt „br9600“	-	STop. 1	P.NONE	HS.OFF		DELIM „CR“ INTVL „1sec – final“						572-926
										on					
										off	x	x	x	x	
										1	2	3	4		
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)													

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
EMB-V	Not possible														
EG/EW-NM	1200 Bd No parity 6 data bits	7.I.F.1	72.bL.1			73.PA. 0			71.o.c.7					474-926	
										on	x	x			
										off			x		x
										1	2	3	4		
EWJ 600-2M	F3Com→S2 32→P Prt→9600→t P		9600	-	-	-	-	-	tP					CFS-A01	
										on					
										off	x	x	x		x
										1	2	3	4		
FES/FEJ PES/PEJ	1200 Bd No parity 6 data bits 1 Stop bit No handshake	6.I.F.1	62.b.l. →1200			63.PA. 0			61.o.c.7					MLB-A05	
										on	x	x			
										off			x		x
										1	2	3	4		
FTB-FTC- ITB-ITS-ITT KMB-KMS- KMT	2400 Bd No parity 7 data bits		bAUd→ 2400			PArity → 7 none								572-926	
										on		x	x		
										off	x				x
										1	2	3	4		
GAB-N GAB-DNM	9600 Bd No parity (8 data bits) Automatic data output	P Cont→ AU on	b→ 9600						P TYPE → tP LAnG→ Eng					CFS-A01	
										on					
										off	x	x	x		x
										1	2	3	4		

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)					Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
ILT-BM	9600 Bd No parity 8 data bits 1 Stop bit No handshake	Com.→ RS23	9600	8	1	none	-	-	-						MLB-A05
										on					
										off	x	x	x	x	
										1 2 3 4					
IXS	03rbl→rbl01 9600→rbl02 none→FM11		9600	-	-	none	-	-	-						CFS-A01
										on					
										off	x	x	x	x	
										1 2 3 4					
KME-KMN- BTEP-UTEP- UTNN-NTEP- NTNN-STB- UTB	9600 Bd No parity (8 data bits) No handshake		F4.3.1 → 9600			F4.3.2 → 8-none	F4.3.3 → off								KME: MLB-A05 KMN: MLB-A05 (additional to the original cable)
										on					
										off	x	x	x	x	
										1 2 3 4					
KDE-T	9600 Bd No parity		9600												572-926
										on					
										off	x	x	x	x	
										1 2 3 4					
KFB-TM IFB, BFB, UFB	9600 Bd No parity Printout after pressing „PRINT“	PxCOM → MODE → PR1	BAUD → 9600			Pr→ 8n1		Lab x Prt x	PTYPE → tPUP LAnG→ eng						CFS-A01
										on					
										off	x	x	x	x	
										1 2 3 4					

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)					Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
KFN-TM BFN, SFB, UFN	9600 Bd No parity Printout after pressing „PRINT“	PxCOM → MODE → PR1	BAUD → 9600			Pr→ 8n1		Lab x Prt x	PTYPE → tPUP LAnG→ eng						KFN-A01
KXE-TM SFE	9600 Bd No parity Printout after pressing „PRINT“	RS1-01 →“2“	RS1-02 →“3“	RS1-03 →“0“			-	RS1- 07 →“0“	RS1-00 →“0-5“						572-926
									on						
									off	x	x	x	x		
									1 2 3 4						
MLB/MLS	Not possible														
MPP	9600 Bd Keine Parität 8 Datenbits 1 Stopbit Kein Handshake														Standardmäßiges Schnittstellenkabel
										on					
										off	x	x	x	x	
										1 2 3 4					
MPS	9600 Bd Keine Parität 8 Datenbits 1 Stopbit Kein Handshake														MPS-A08
										on					
										off	x	x	x	x	
										1 2 3 4					
MPU	9600 Bd Keine Parität 8 Datenbits														Standardmäßiges Schnittstellenkabel
										on					
										off	x	x	x	x	
										1 2 3 4					

Balance										KERN YKS-01																					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable																				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous																						
KFF-T	9600 Bd No parity Output after pressing M+	MODE → „P Prt“	BAUD → 9600					Lab 0 Prt 0	PTYPE → KERN P (ty-tp)	<table><tr><td colspan="5"></td></tr><tr><td>on</td><td></td><td></td><td></td><td></td></tr><tr><td>off</td><td>x</td><td>x</td><td>x</td><td>x</td></tr><tr><td colspan="5">1 2 3 4</td></tr></table>						on					off	x	x	x	x	1 2 3 4					CFS-A01
on																															
off	x	x	x	x																											
1 2 3 4																															
KFS-T / BFS / IFS	9600 Bd No parity Printout after pressing „PRINT“	4.IF.4 And 42.o.c. 1	43.b.l.4			44.PA. 0		41.dA. 7		<table><tr><td colspan="5"></td></tr><tr><td>on</td><td></td><td></td><td></td><td></td></tr><tr><td>off</td><td>x</td><td>x</td><td>x</td><td>x</td></tr><tr><td colspan="5">1 2 3 4</td></tr></table>						on					off	x	x	x	x	1 2 3 4					MLB-A05
on																															
off	x	x	x	x																											
1 2 3 4																															
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									<table><tr><td colspan="5"></td></tr><tr><td>on</td><td></td><td></td><td></td><td></td></tr><tr><td>off</td><td>x</td><td>x</td><td>x</td><td>x</td></tr><tr><td colspan="5">1 2 3 4</td></tr></table>						on					off	x	x	x	x	1 2 3 4					Interface cable as per standard
on																															
off	x	x	x	x																											
1 2 3 4																															
MPS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									<table><tr><td colspan="5"></td></tr><tr><td>on</td><td></td><td></td><td></td><td></td></tr><tr><td>off</td><td>x</td><td>x</td><td>x</td><td>x</td></tr><tr><td colspan="5">1 2 3 4</td></tr></table>						on					off	x	x	x	x	1 2 3 4					MPS-A08
on																															
off	x	x	x	x																											
1 2 3 4																															
MPU	9600 Bd No parity (8 data bits)									<table><tr><td colspan="5"></td></tr><tr><td>on</td><td></td><td></td><td></td><td></td></tr><tr><td>off</td><td>x</td><td>x</td><td>x</td><td>x</td></tr><tr><td colspan="5">1 2 3 4</td></tr></table>						on					off	x	x	x	x	1 2 3 4					Interface cable as per standard
on																															
off	x	x	x	x																											
1 2 3 4																															

Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
PBS/PBJ	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Menu group 7 HFbPS d	b-9600		S -1	P-no	H-off	F-Eb	d-CR		770-926				
										on					
										off		x	x	x	x
										1234					
PET / ILT-NM	Com.→COM 1→9600Bd→ 8 data bits → Stop1→ No parity		9600	8	1	none	-	-	-		MLB-A05				
										on					
										off		x	x	x	x
										1234					
PFB	9600 Bd No parity 8 Data bits, printout after pressing „PRINT“	S 232 MODE → P Prt	BAUD → 9600						PTYPE →tp		CFS-A01				
										on					
										off		x	x	x	x
										1234					
PLJ -CM	P3Communi cation→P3.1 Com1→P3.1. 1 baud 9600→P3.1. 2 Parity none		9600	-	-	none	-	-	-		MLB-A05				
										on					
										off		x	x	x	x
										1234					

4. KERN YKN-01

DIP Switch setting:

DIP Switch	Baud Rate
ON ■■■□□□ □□□□□□ 1 2 3 4 5 6	150
ON □■■□□□ ■□□□□□ 1 2 3 4 5 6	300
ON ■□■□□□ □■□□□□ 1 2 3 4 5 6	600
ON □□■□□□ ■■□□□□ 1 2 3 4 5 6	1200
ON ■■□□□□ □□■□□□ 1 2 3 4 5 6	2400
ON □■□□□□ ■□■□□□ 1 2 3 4 5 6	4800
ON ■□□□□□ □■□□□□ 1 2 3 4 5 6	9600
ON □□□□□□ ■■□□□□ 1 2 3 4 5 6	19200

DIP Switch	
ON □□□□■ □□□□□□ 1 2 3 4 5 6	8-Non
ON □□□□■ □□□□■ 1 2 3 4 5 6	8-Odd
ON □□□□■ □□□□■ 1 2 3 4 5 6	8-Even
ON □□□□□ □□□□■ 1 2 3 4 5 6	7-Even

DIP Switch	
ON □□□■□□ □□□□□□ 1 2 3 4 5 6	Mark
ON □□□□□□ □□□■□□ 1 2 3 4 5 6	XON XOFF

Ex-factory Setting

■□□□■ □■□□□□ 1 2 3 4 5 6

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
440-N	9600 Bd	rE-Cr	9600	-	-	-	-	LAPr	-	on X - - - X X - X X X - - 1 2 3 4 5 6	572-926					
ABJ-NM ABS-N	MODE U →bps 9600 →parity none →stop 1 →HS oFF→DF.1		9600	8	1	none	off	DF.1	-	on X - - - X X - X X X - - 1 2 3 4 5 6	ACS-A01					
ABT-DM	1200 Bd No parity (8 data bits) 1 Stop bit No handshake	iF:USER →	1200 →io.b: b-1200	8	S-S1 →io.S: S-S1	none →io.P: P-no	off →io.H: H-oFF	F-dF.1	d-CR	on X - - - X X - X X X - - 1 2 3 4 5 6	770-926					
AEJ-CM AES-C	P3 Communication→COM1 →Baud 9600→Parity none		9600	-	-	none	-	-	-	on X - - - X X - X X X - - 1 2 3 4 5 6	MLB-A05					
AET-NM	Admin→Communication→COM1		9600	8	1	none	-	-	-	on X - - - X X - X X X - - 1 2 3 4 5 6	MLB-A05					
ALJ-AM ALS-.A	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	PC-Prtr→Pr →Cnd	9600	8	1	none	-	-	-	on X - - - X X - X X X - - 1 2 3 4 5 6	572-926					
										on X - - - X X - X X X - - 1 2 3 4 5 6						

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
CFS / CCS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	F2 Prt→Pnod E→Prnt→ AU off	9600	8	1	none	-	tPUP	-	on X - - X X - X X - - 1 3 4 5 6	CFS-A01					
CPB-N	F4 AU oFF B9600 tP!!		9600	-	-	-	-	tP	tP	on X - - X X - X X X - - 1 2 3 4 5 6	CFS-A01					
DBS	COM.SET→out.I→ B.1200→P.None→ Stop.1→HS.oFF→ CR	Menu→ Print→C ND.oUT	1200	-	-	none	Hs.oFF	-	-	on X - - X X - X X X - - 1 2 3 4 5 6	572-926					
DE-A	→io.H:oFF PR-reCR	rE-Cr	9600	8	1	none	Aus	LAPr	-	on X - - X X - X X X - - 1 2 3 4 5 6	572-926					
										on X - - X X - X X X - - 1 2 3 4 5 6						
										on X - - X X - X X X - - 1 2 3 4 5 6						

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
EMB-V	9600 Bd No parity (8 data bits) 1 Stop bit	Pr→rE Cr	9600	8	1	none	-	-	-	on	572-926					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
EG-NM	i.F. 72.b.L. → 4		9600	8	-	none	-	-	-	on	474-926					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
EWJ	F3Com→S232→P Prt→9600→tP		9600	-	-	-	-	-	-	on	CFS-A01					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
FCB	Pr→rE-Cr→baud 9600		9600	-	-	-	-	LAPr	-	on	572-926					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
GAB -NM	AU on →b9600→LP		9600	-	-	-	-	-	-	on	CFS-A01					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
ILJ-CM	Menü: P3 Com.→P3.1 COM1→P3.1.1 baud 4800 P3.1.2 Parity none		4800	-	-	none	-	-		on	MLB-A05					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
ILT-BM	Communication→R S232(1)→9600→D aten8→Sttop1→ Parity none		9600	8	1	none	-	-	-	on	MLB-A05					
										X			-	-	X	X
										-			X	X	-	-
										1		2	3	4	5	6
IXS60K2LM	03rbl→rbl01 9600→rbl02 none →FM11		9600	-	-	none	-	-	-	on	CFS-A01					
										X			-	-	X	X
										-			X	X	-	-
										1			3	4	5	6
KFB-TM / KFN-TM	Ptype:tPUP Pr→8n1	Pr1	9600	8	1	none	-	Lab Prt	Pr1 Lab	on	CFS-A01					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6
KFS-T	9600 Bd Parity none	F7 UA → 4UA5	9600	-	-	none	-	-	-	on	MLB-A05					
										X		-	-	-	X	X
										-		X	X	X	-	-
										1		2	3	4	5	6

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
MLS-/MLB-C	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	P5 01 →9600	9600	8	1	none	off	-	-	on						MLB-A05
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
MPS	Menu settings are not changeable		9600	8	1	none	off	-	-	on						MPS-A08
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
MXS	Menu settings are not changeable		9600	8	1	none	off	-	-	on						MPS-A08
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
										on						
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
										on						
										X	-	-	-	X	X	
										-	-	X	X	-	-	
										1	-	3	4	5	6	
										on						
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
										on						
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
PBJ / PBS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Menu group 7 HFbPSd	b-9600		S-1	P-no	H-off	F-Eb	d-CR	on X - - X X - X X - - 1 3 4 5 6	770-926					
PCB	Pr→reCR LAPr→Net Baud 9600		9600	-	-	-	-	LAPr	-	on X - - X X - X X X - - 1 2 3 4 5 6	572-926					
PEJ / PBS	6.1.F.3 →61 o.C 7 →62 bl auf 4!! →63 P.A. 0 →64. D.L. 8 →65. St auf 1!!	Menu 6.1.F.3	9600	8	1	none	-	-	-	on X - - X X - X X X - - 1 2 3 4 5 6	474-926					
PET ILT-NM	Communication→C OM1→Geschw. 9600→Daten 8→Stop 1→ Parity none		9600	8	1	none	-	-	-	on X - - X X - X X X - - 1 2 3 4 5 6	MLB-A05					
PFB	F3 COM →5 232 →P Prt →b 9600 →tP		9600	-	-	-	-	-	tP	on X - - X X - X X - - 1 3 4 5 6	CFS-A01					
PLE-N	PC-Prtr Pr CMd Baud →br 9600		9600	-	-	-	-	-	-	on X - - X X - X X X - - 1 2 3 4 5 6	572-926					
PLS-A PLJ-A	PC-Prtr Pr CMd Baud →br 9600		9600	-	-	-	-	-	-	on X - - X X - X X X - - 1 2 3 4 5 6	572-926					

Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
PLJ-M	P3Communication →P3.1 COM1→P3.1.1 baud 9600→P3.1.2 parity none		9600	-	-	none	-	-	-	on x - - - x x - x x x - - 1 2 3 4 5 6	MLB-A05					
RPB	CalF9→9600→Cal F10→8n1		9600	8	1	none	-	-	Input price before output	on x - - - x x - x x x - - 1 2 3 4 5 6						
										on x - - - x x - x x x - - 1 2 3 4 5 6						
										on x - - - x x - x x x - - 1 2 3 4 5 6 1 2 3 4 5 6						