

Printer Configuration

Version 1.3
03/2012

English



KERN YKB-01N



KERN YKS-01



KERN 911-013

YKB_YKS_911-ZB-e-1314

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 Keine Parität (8 Datenbits) 1 Stopbit		9600				off			on	MLB-A05				
										☐					
										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					
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					
										1 2 3 4 5					
CFS	4800 Bd No parity (8 data bits)	Pmode Print „AUoff“	P baud “b 4800”			Parity “8 n l”			Ptype “tPUP”	on	CFS-A01				
										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					
										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						
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												
CXP	9600 Bd No parity (8 data bits) 2 Stop bit	7	7	7	7	7			7	on			CXP-A02		
		I 0 SEt „r232“	bAUd „9600“	dAtA „8“	StoP „2“	Parity “NONE”		FLOW “NONE”							
		8	8	8	8	8	8	8	8	8	8	8			
DBS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Progrm →CoM.S ET→ oUT.1	baud rt „br9600“	-	STop.1	P.NONE	HS.OFF		DELIM „CR“ INTVL „1sec – final“	on			572-926		
		x	x												
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)													
DLB-A	9600 Bd No parity (8 data bits) 1 Stop bit	Serial→ ManuPC oder→ Auto PC	baud rt „br9600“	-	-	-	-	-		on			572-926		
		x	x												
DLT	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit	Prt Man. oder Prt Auto.	baud rt „9600 baud“	-	-	-	-	-	CTS „off“	on			572-926		
		x	x												
EG/EW-NM	1200 Bd No parity 6 data bits	7.l.F.1	72.bL.1			73.PA.0			71.o.c.7	on			474-926		
		x	x	x											
EMB200-3V EMB2000-2V	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit	rE CR PRINT- key	bAUd 9600							on			572-926		
		x	x												

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 - - 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 - - x x - - - 1 2 3 4 5					
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 x x x - - x x - - - 1 2 3 4 5	KME: MLB-A05 KMN: MLB-A05 (additional to the original cable)				
KDE-T	9600 Bd No parity		9600							on x x x - - 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 x x x - - 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 x x x - - x x - - - 1 2 3 4 5	KFN-A01				

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						
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		-	-	
										1	2	3	4	5	
KXE-TM	9600 Bd Keine Parität Ausgabe nach Drücken von„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	x		-	-	
										1	2	3	4	5	
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		on					MLB-A05
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
MLB-N	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	

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						
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					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	
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	

- = 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	
		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”	on <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							on <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																												
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CPB-N CPB- DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 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
		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”	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	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”	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	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							on <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 <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
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
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 <table><tr><td></td><td>x</td><td>x</td><td></td><td></td><td></td><td>x</td><td></td></tr><tr><td>x</td><td></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
	x	x				x																													
x			x	x	x		x																												
1	2	3	4	5	6	7	8																												
		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 <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
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
EMB 200-3V EMB 2000-2V	9600 Bd No parity (8 data bits) 1 Stop bit	rE CR PRINT- Taste	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	572-926
		x				x																													
x	x		x	x	x		x																												
1	2	3	4	5	6	7	8																												
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 <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	474-926
		x		x																															
x	x		x		x	x	x																												
1	2	3	4	5	6	7	8																												
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	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	474-926 or 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								
FTB- FTC- ITB/ITS ITT KMB KMS KMT	2400 Bd No parity 7 data bits		bAUd→ 9600			PArity→ 7 none				on				572-926 (adapter 9/24 poles added to the printer) or old: 572-928			
												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				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
KDE-T	9600 Bd No parity		9600							on				572-926 (adapter 9/24 poles added to the printer) or old: 572-928			
												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				MLB-A05 + (adapter 9/24 poles added to the printer)			
												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			x			x		CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)
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			x			x		KFN-A01+ gender changer (yellow) + (adapter 9/24 poles added to the printer)
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			x			x		MLB-A05 + Gender changer (yellow) + (adapter 9/24 poles added to the printer)
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			x			x		CFS-A01

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	Configurati on	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	
										1234					

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					
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					

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						
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		
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 200-3V EMB 2000-2V	Not possible														
EG/EW-NM	1200 Bd No parity 6 data bits	7.l.F.1	72.b.L.1			73.PA. 0			71.o.c. 7						474-926
										on	x	x			
										off			x	x	
										1	2	3	4		
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						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						
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		
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“ RS1-04 →“1“ RS1-05 →“0“ RS1-08 →“0“						572-926
										on					
										off	x	x	x	x	
										1	2	3	4		
MLB/MLS	Not possible														

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)						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							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														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														MPS-A08
										on					
										off	x	x	x	x	
										1 2 3 4					
MPU	9600 Bd No parity (8 data bits)														Interface cable as per standard
										on					
										off	x	x	x	x	
										1 2 3 4					

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					
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
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
										1	2	3	4	