

Printer Configuration

Version 1.8
12/2017



KERN YKB-01N



KERN YKS-01



KERN 911-013



KERN YKN-01

YKB_YKS_YKN_911-ZB-e-1718

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.I.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	X		-	-	
										1	2	3	4	5	
AEJ-CM AES-C PLJ-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	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	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	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	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” ----- 8 SEtC „0“	on					CXP-A02
		I O SEt	bAUD	dAtA „8“	StoP „2“	Parity									
		„r232““	„9600“			“NONE”									
		1	2	3	4	5									
DAB 100-3	9600 Bd 7 Data bits 2 Stop bit	L-E	b--9600	-	-	-	-	-		on					MLB-A05
														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						
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
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
	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→M anuPC oder→ Auto PC	baud rt „br9600 “	-	-	-	-	-	-	on					572-926
												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					
												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
										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					
												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
												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.I.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	CFS-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						
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	x		-	-	
										1	2	3	4	5	
KDE-T	9600 Bd No parity		9600							on					572-926
												x	-	-	
										x	x		-	-	
										1	2	3	4	5	
KFB-TM KFB-TAM IFB, , BFB, NFB, UFA, 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	x		-	-	
										1	2	3	4	5	
KFN-TM KFN-TAM BFA, BFN, NFN,NBB, SFB, UFN, UFC	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 + KFN-A01
												x	-	-	
										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					KFF-A01
												x	-	-	
										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	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						
KXS_KXG-TNM	9600 Bd Keine Parität Ausgabe nach Drücken von „PRINT“	Pr2 CoM → Mode → Pr1	Pr2 CoM → baud → 9600	-	-	Pr2 CoM → Pr→ n81		Lab x Prt x		on	KXS-A04 factory option				
										x x					
										1 2 3 4 5					
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					
										1 2 3 4 5					
KFS-TM	9600 Bd No parity Output after pressing „PRINT“	F7 UA→ 4UA5	F8bl 41b13			F9PA 42.PR.0		41.dA.7		on	CFS-A01				
										x x					
										1 2 3 4 5					
KIB-TM	9600 Bd No parity Output after pressing „PRINT“	PxCOM→M ODE→ PR1	BAUD→ 9600			Pr→ 8n1		Lab x Prt x	PTYPE→ tPUP LAnG→ eng	on	EOC-A12				
										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							
MLB-N MLB-C	9600 Bd		P5-01-2	P5-03-2	P5-04-1	P5-02-0	P5-05-0			on					MLB-A05	
MLS-D		P3.1 COM1	P3.1.1 BAUD 9600	P3.1.2 PARIT. kein									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		
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 HFbPS d	b-9600		S -1	P-no	H-off	F-Eb	d-CR	on - - x - - x x - - - 1 2 3 4 5	770-926				
PET / ILT-NM	Communication→ COM1→Geschw. 9600→Daten8→ Stop1→ Parity none		9600	8	1	none	-	-	-	On - - 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 - - x - - x x - - - 1 2 3 4 5	CFS-A01				
PNJ/PNS	9600 Bd No parity 8 Data bits, printout after pressing „PRINT“	7.1.F.1 71.oc.7	[72 b.L.4] → 9600	-	-	keine	-	-	-	On - - x - - x x - - - 1 2 3 4 5	MLB-A05				
PLJ-CM	P3Communication →P3.1Com1→P3. 1.1 baud 9600→P3.1.2 Parity none		9600	-	-	none	-	-	-	On - - x - - x x - - - 1 2 3 4 5	MLB-A05				
RPB-DM	Cal F9→9600 CalF10→8n1		9600	8	1	none	-	-	Input price before printout	On - - x - - x x - - - 1 2 3 4 5	CFS-A01				

- = 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																																		
770 GS/GJ, CGB	1200 Bd odd parity 1 Stop bit, 7 Bit ASCII Handshake 2 charakter after CTS		1200			odd				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																												
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																												
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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	<table><tr><td colspan="8">on</td></tr><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>	on								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
on																																											
x	x	x		x																																							
			x		x	x	x																																				
1	2	3	4	5	6	7	8																																				
ALJ-N/ALS-N PLJ-N /PLS- N ALT/PLT, ILT	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off			<table><tr><td colspan="8">on</td></tr><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>	on										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
on																																											
		x				x																																					
x	x		x	x	x		x																																				
1	2	3	4	5	6	7	8																																				
ALJ_ALS / PLJ_PLS-A/F PLE-N	9600 Bd No parity (8 data bits) 1 Stop bit		baud rt „br9600“				off			<table><tr><td colspan="8">on</td></tr><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>	on										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
on																																											
		x				x																																					
x	x		x	x	x		x																																				
1	2	3	4	5	6	7	8																																				
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“			<table><tr><td colspan="8">on</td></tr><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>	on										x				x		x	x		x	x	x		x	1	2	3	4	5	6	7	8	PR-A23 + (Adapter 9/24 poles added to the printer) + gender changer (yellow) on the printer side
on																																											
		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		
CFS	4800 Bd No parity (8 data bits)	Pmode Print „AUoff“	P baud “b 4800”			Parity “8 n l”			Ptype “tPUP”	o n 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)
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS							o n x x x x x x x x 1 2 3 4 5 6 7 8	MLB-A05
CPB-N CPB- DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 9600						PTYPE→ tP LAnG→ Eng	o n x x x x x x x x 1 2 3 4 5 6 7 8	CFS-A01
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 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
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 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
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS							o n x x x x x x x x 1 2 3 4 5 6 7 8	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									
DAB	9600 Bd 7 Datenbits 2 Stopbit	L-E	b--9600							on								MLB-A05
												X				X		
										X	X		X	X	X		X	
										1	2	3	4	5	6	7	8	
	MOISTURE DETERMINATION (1) Machine Type: DAB 100-3 Heating Mode: STANDARD Stop Mode: AUTOMATIC Heating Temp: 110 degree(C) Time elapsed: 02:20 Net W: 1.334 g Dry W: 1.323 g Moisture: 0.82 %																	
line feed correctly																		
DLB-A	9600 Bd No parity (8 data bits) 1 Stop bit	Serial→ ManuP C oder→ Auto PC	baud rt „br9600“							on								572-926
												X				X		
										X	X		X	X	X		X	
										1	2	3	4	5	6	7	8	
	Temp.: 117°C Time: 7 Min W.Start: 15.545 g W.End: 13.141 g Moist.: 15.46 %																	
line feed correctly																		

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										
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+LF“ INTVL „1sec – final“	on								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)																	
	KERN & Sohn GmbH TYPE: DBS 60-3 SN: MB144K372 ID: 1234 CODE: PA22 DATE: 07-12-17 TIME: 13:31 PHD: 4 UNIT: N/A MODE: AUTO TEMP: 200C STOP: 0.10 % Wet W(g) 5.116 TIME N/A(Z) 00:00:00 0.00 00:00:30 1.33 00:01:00 2.27 00:01:30 2.37 00:01:32 2.37 Dry W(g) 4.995 line feed correctly																		
DLT	9600 Bd No parity (8 data bits) 1 Stopbit	Prt Man. oder Prt Auto.	baud rt „9600 baud“							„off“	on								572-926
													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										
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				71.o.c.7	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.l. →1200			63.PA.0				61.o.c.7	on							474-926 or MLB-A05	
	printout incorrect - the date is upside down																		

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								572-926 (adapter 9/24 poles added to the printer) or old: 572-928																								
										<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																																			
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																								
										<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																																			
KDE-T	9600 Bd No parity		9600							on								572-926 (adapter 9/24 poles added to the printer) or old: 572-928																								
										<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																																			
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)																								
										<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																																			

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)
										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
										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)
										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
										1	2	3	4	5	6	7	8	

Balance										KERN 911-013																				
Balance Type	Configu ration	Menu settings								Printer settings (Switch)				Interface cable																
		mode	Baud rate	Data bits	Stop bits	Parity	Hand shake	Data format	Miscellaneous																					
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshak e									on				Interface cable as per standard + gender changer (yellow) on the printer side + (adapter 9/24 poles added to the printer)																
										<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></table>							x				x		x	x		x	x	x		x
		x				x																								
x	x		x	x	x		x																							
										<table><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>				1	2	3	4	5	6	7	8									
1	2	3	4	5	6	7	8																							
MPS	9600 Bd No parity (8 data bits) 1 Stop bit No handshak e									on				MPS-A08 + gender changer (yellow) on the printer side + (adapter 9/24 poles added to the printer)																
										<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></table>							x				x		x	x		x	x	x		x
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x	x		x	x	x		x																							
										<table><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>				1	2	3	4	5	6	7	8									
1	2	3	4	5	6	7	8																							
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)																
										<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></table>							x				x		x	x		x	x	x		x
		x				x																								
x	x		x	x	x		x																							
										<table><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>				1	2	3	4	5	6	7	8									
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)															
										<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></table>							x				x		x	x		x	x	x		x
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										<table><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>				1	2	3	4	5	6	7	8									
1	2	3	4	5	6	7	8																							
PBS PBJ	9600 Bd No parity (8 data bits) 1 Stop bit No handshak e	Menu group 7 HFbPSd	b-9600		S -1	P-no	H-off	F-Eb	d-CR	on				770-926 ABS-A05)																
										<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></table>							x				x		x	x		x	x	x		x
		x				x																								
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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																								
PFB	9600 Bd No parity 8 Data bits, printout after pressing „PRINT“	S 232 MODE → P Prt	BAUD→ 9600						PTYPE→ tp	CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)																							
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></table>																				x				x		x	x		x	x	x		x
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x	x		x	x	x		x																										
<table><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>										1	2	3	4	5	6	7	8																
1	2	3	4	5	6	7	8																										
PNJ / PNS	printout incorrect - the date is upside down																																

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



To create statistics, the numerator must be switched on (<SW6> ➔ <ON>).
 Statistics only works at balances, which gives out only one line, e.g. weight value or number of pieces (KERN PCB).
 Moisture analysis and density determination will not operate (too many lines).

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	
											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 PLJ-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					
PFB-M EWJ	YKS is not working with PFB-M (only verified models) and EWJ (complete).														

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	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						
EMB-V	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		
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.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						
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					
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 IFS-M KFS-TM	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	P TYPE → 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					

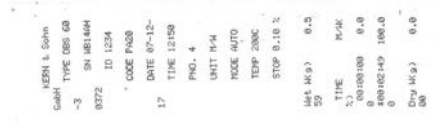
Balance										KERN YKS-01					
Balance Type	Configura- tion	Menu settings								Printer settings (Switch)	Interface cable				
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscella neous						
PBS/PBJ	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	Menu group 7 HFbPS d	b-9600		S -1	P-no	H-off	F-Eb	d-CR						770-926
										on					
										off	x	x	x	x	
										1 2 3 4					
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	
										1 2 3 4					
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					
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	
										1 2 3 4					

4. KERN YKN-01

DIP Switch setting:

DIP Switch	Baud Rate	DIP Switch		DIP Switch	
ON ■ ■ ■ □ □ □ □ □ □ □ □ □ 1 2 3 4 5 6	150	ON □ □ □ □ ■ ■ □ □ □ □ □ □ 1 2 3 4 5 6	8-Non	ON □ □ □ ■ □ □ □ □ □ □ □ □ 1 2 3 4 5 6	Mark
ON □ ■ ■ □ □ □ ■ □ □ □ □ □ 1 2 3 4 5 6	300	ON □ □ □ □ ■ □ □ □ □ □ □ ■ 1 2 3 4 5 6	8-Odd	ON □ □ □ □ □ □ □ □ □ ■ □ □ 1 2 3 4 5 6	XON XOFF
ON ■ □ ■ □ □ □ □ ■ □ □ □ □ 1 2 3 4 5 6	600	ON □ □ □ □ ■ ■ □ □ □ □ ■ □ 1 2 3 4 5 6	8-Even	Ex-factory Setting ■ □ □ □ ■ ■ □ ■ ■ ■ □ □ 1 2 3 4 5 6	
ON □ □ ■ □ □ □ ■ ■ □ □ □ □ 1 2 3 4 5 6	1200	ON □ □ □ □ □ □ □ □ □ □ ■ ■ 1 2 3 4 5 6	7-Even		
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				

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 - - - - 1 2 3 4 5 6	770-926					
AEJ-CM AES-C PLJ-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 <table><tr><td>X</td><td>-</td><td>-</td><td>-</td><td>X</td><td>X</td></tr><tr><td>-</td><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>						X	-	-	-	X	X	-	X	X	X	-	-	1	2	3	4	5	6	CFS-A01
X	-	-	-	X	X																													
-	X	X	X	-	-																													
1	2	3	4	5	6																													
CPB-N	F4 AU oFF B9600 tP!!		9600	-	-	-	-	tP	tP	on <table><tr><td>X</td><td>-</td><td>-</td><td>-</td><td>X</td><td>X</td></tr><tr><td>-</td><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>						X	-	-	-	X	X	-	X	X	X	-	-	1	2	3	4	5	6	CFS-A01
X	-	-	-	X	X																													
-	X	X	X	-	-																													
1	2	3	4	5	6																													
DBS	COM.SET→out.I→ B.1200→P.None→ Stop.1→HS.oFF→ CR	Menu→ Print→C ND.oUT	1200	-	-	none	Hs.oFF	-	-	on <table><tr><td>X</td><td>-</td><td>-</td><td>-</td><td>X</td><td>X</td></tr><tr><td>-</td><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>						X	-	-	-	X	X	-	X	X	X	-	-	1	2	3	4	5	6	572-926
	X	-	-	-	X	X																												
-	X	X	X	-	-																													
1	2	3	4	5	6																													
 line feed is incorrect																																		
DE-A	→io.H:oFF PR-reCR	rE-Cr	9600	8	1	none	Aus	LAPr	-	on <table><tr><td>X</td><td>-</td><td>-</td><td>-</td><td>X</td><td>X</td></tr><tr><td>-</td><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>						X	-	-	-	X	X	-	X	X	X	-	-	1	2	3	4	5	6	572-926
X	-	-	-	X	X																													
-	X	X	X	-	-																													
1	2	3	4	5	6																													
DAB	9600 Bd 7 Datenbits 2 Stopbit	L-E	b--9600							on <table><tr><td>X</td><td>-</td><td>-</td><td>-</td><td>X</td><td>X</td></tr><tr><td>-</td><td>X</td><td>X</td><td>X</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>						X	-	-	-	X	X	-	X	X	X	-	-	1	2	3	4	5	6	MLB-A05
	X	-	-	-	X	X																												
-	X	X	X	-	-																													
1	2	3	4	5	6																													
 line feed is incorrect																																		

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							
DLB-A	9600 Bd Keine Parität (8 Datenbits) 1 Stopbit	Serial→ ManuPC oder→ Auto PC	baud rt „br9600“							on						
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	3	4	5	6	
Temp. °C Time: Min M.Start 9 117 7 5.455 M.End: 9 Moist.: % 5.142 5.74 line feed is incorrect																

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	X	-	-	
										1	2	3	4	5	6	
IXS60K2LM	03rbl→rbl01 9600→rbl02 none →FM11		9600	-	-	none	-	-	-	on						CFS-A01
										X	-	-	-	X	X	
										-	X	X	X	-	-	
										1	2	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	

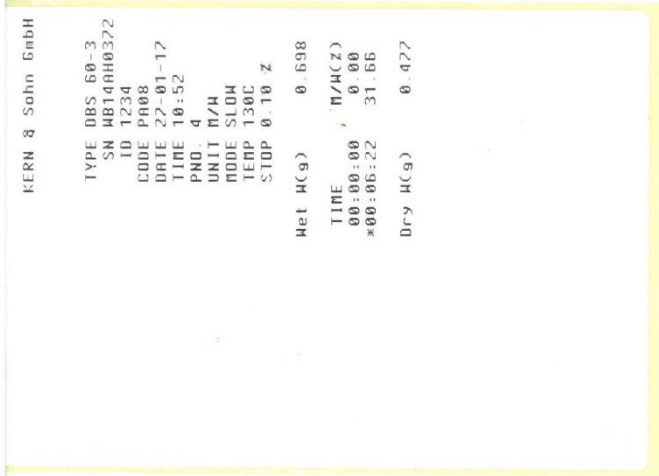
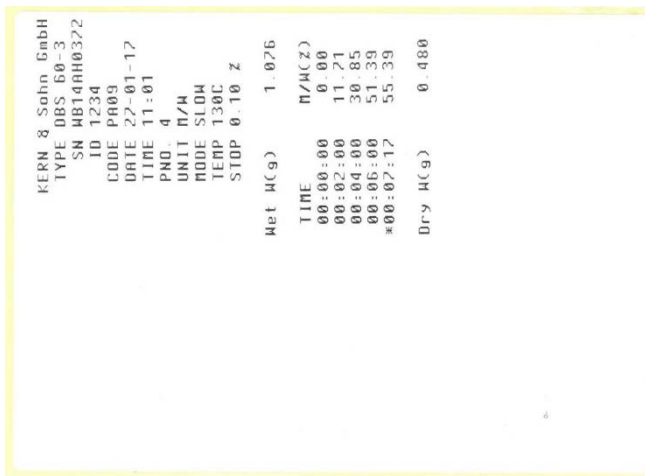
Balance										KERN YKN-01						
Balance Type	Configuration	Menu settings								Printer settings (Switch)	Interface cable					
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous							
MLB-C	9600 Bd No parity (8 data bits) 1 Stop bit No handshake	P5 01 →9600	9600	8	1	none	off	-	P5-04-Prn_Pc „Yes“	on X - - - X X - X X X - - 1 2 3 4 5 6	MLB-A05					
MLS-C	Not possible										MLB-A05					
MLS-D	 line feed is incorrect										MLB-A05					
MPS	Menu settings are not changeable		9600	8	1	none	off	-	-	on X - - - X X - X X X - - 1 2 3 4 5 6	MPS-A08					
MXS	Menu settings are not changeable		9600	8	1	none	off	-	-	on X - - - X X - X X X - - 1 2 3 4 5 6	MPS-A08					
MWA	9600Bd		9600	8	1	Keine	Aus	-	3x F→ F3 Prt→ BMI→F→AS K	on X - - - X X - X X X - - 1 2 3 4 5 6	CFS-A01					
										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 X - - 1 2 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 X - - 1 2 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 <table><tr><td>x</td><td>-</td><td>-</td><td>-</td><td>x</td><td>x</td></tr><tr><td>-</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	x	-	-	-	x	x	-	x	x	x	-	-	1	2	3	4	5	6	MLB-A05						
x	-	-	-	x	x																														
-	x	x	x	-	-																														
1	2	3	4	5	6																														
PNJ / PNS			72. b.L. →9600			keine		7. I.F. 1 (6-stellig)		on <table><tr><td>x</td><td>-</td><td>-</td><td>-</td><td>x</td><td>x</td></tr><tr><td>-</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	x	-	-	-	x	x	-	x	x	x	-	-	1	2	3	4	5	6	MLB-A05						
x	-	-	-	x	x																														
-	x	x	x	-	-																														
1	2	3	4	5	6																														
RPB	CalF9→9600→Cal F10→8n1		9600	8	1	none	-	-	Input price before output	on <table><tr><td>x</td><td>-</td><td>-</td><td>-</td><td>x</td><td>x</td></tr><tr><td>-</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	x	-	-	-	x	x	-	x	x	x	-	-	1	2	3	4	5	6	CFS-A01						
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										on <table><tr><td>x</td><td>-</td><td>-</td><td>-</td><td>x</td><td>x</td></tr><tr><td>-</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	x	-	-	-	x	x	-	x	x	x	-	-	1	2	3	4	5	6							
x	-	-	-	x	x																														
-	x	x	x	-	-																														
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										on <table><tr><td>x</td><td>-</td><td>-</td><td>-</td><td>x</td><td>x</td></tr><tr><td>-</td><td>x</td><td>x</td><td>x</td><td>-</td><td>-</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	x	-	-	-	x	x	-	x	x	x	-	-	1	2	3	4	5	6	1	2	3	4	5	6	
x	-	-	-	x	x																														
-	x	x	x	-	-																														
1	2	3	4	5	6																														
1	2	3	4	5	6																														

5. KERN YKE-01



Balance										KERN YKE-01	
Balance Type	Configura- tion	Menu settings								Printer settings	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→C oM.SET→ oUT.1	baud rt „br9600“	-	STop.1	P.NONE	HS.OFF		DELIM „CR“ INTVL „1sec – final“	9600 bds 8 bits, No CR+LF Font heigh 2 font width 2 Charc. set US Graphic mode 240x144 DPI date/time no Jump to .. off	572-926
Printout interval: Progrm→PRINT→INTVL→ final with YKE-A03 label							Printout interval: Progrm→PRINT→INTVL→ 2 min with YKE-A03 label				
 <pre> KERN & Sohn GmbH TYPE DBS 60-3 SN MB14AH0322 ID 1234 CODE PA09 DATE 22-01-17 TIME 10:52 PNO. 4 UNIT N/H MODE SLOW TEMP 130C STOP 0.10 Z Met H(g) 0.698 TIME N/H(Z) 00:00:00 0.00 *00:06:22 31.66 Dry H(g) 0.477 </pre>							 <pre> KERN & Sohn GmbH TYPE DBS 60-3 SN MB14AH0322 ID 1234 CODE PA09 DATE 22-01-17 TIME 11:01 PNO. 4 UNIT N/H MODE SLOW TEMP 130C STOP 0.10 Z Met H(g) 1.076 TIME N/H(Z) 00:00:00 0.00 00:02:00 11.71 00:04:00 30.85 00:06:00 51.39 *00:07:17 55.39 Dry H(g) 0.480 </pre>				

