

Printer Configuration

Version 1.9
12/2019

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			x	-	-	572-926
											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	x	x	x	-	-	770-926
														-	-		
											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	x	x	x	-	-	474-926
														-	-		
											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	x	x	x	-	-	770-926 (ABS-A05)
														-	-		
											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	x	x	x	-	-	ACS-A01
														-	-		
											1	2	3	4	5		
TACS/TACJ	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	x	x	x	-	-	MLB-A05
														-	-		
											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	x	x	x	-	-	MLB-A05
														-	-		
											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			x	-	-			MLB-A05	
													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				x	-	-			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				x	-	-			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				x	-	-			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				x	-	-			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				x	-	-			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 x x x - - 1 2 3 4 5	PR-A23		
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 x x x - - 1 2 3 4 5	CFS-A01			
CPB-N CPB-DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 9600						PtYPE→ tP LAnG→ Eng	on x x x - - 1 2 3 4 5	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“	on x x x - - 1 2 3 4 5	CWS-A02			
CXP	9600 Bd No parity (8 data bits) 2 Stop bit	7 I O SEt „r232“	7 bAUd „9600“	7 dAtA „8“	7 StoP „2“	7 Parity “NONE”			7 FLOW “NONE” 8 SEtC „0“	on x x x - - 1 2 3 4 5	CXP-A02			
DAB	9600 Bd 7 Data bits 2 Stop bit	L-E	b--9600	-	-	-	-	-		on x x x x 1 2 3 4 5	MLB-A05			

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											
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)								<table border="1"> <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
		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 border="1"> <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
		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 border="1"> <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
		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 border="1"> <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
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 border="1"> <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
		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 border="1"> <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
		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					572-926
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					CFS-A01
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					MLB-A05
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			x	-	-	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			x	-	-	572-926
												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			x	-	-	CFS-A01
												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			x	-	-	CFS-A01 + 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			x	-	-	KFF-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			x	-	-	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								
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			x	-	-	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			x	-	-	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			x	-	-	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			x	-	-	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		-	
MLS-A	9600 Bd No parity No continuous data output		Series → Baud rate→ 9600			Series → Parity → off				Series → Continuous →off					x	-	-
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshake														x	-	-
MPS	9600 Bd No parity (8 data bits) 1 Stop bit No handshake														x	-	-
MPU	9600 Bd No parity (8 data bits)														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					
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	770-926			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										1 2 3 4 5				
PET / ILT-NM	Communication→ COM1→Geschw. 9600→Daten8→ Stop1→ Parity none		9600	8	1	none	-	-	-	On	MLB-A05			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										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			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										1 2 3 4 5				
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	MLB-A05			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										1 2 3 4 5				
PLJ-CM	P3Communication →P3.1Com1→P3. 1.1 baud 9600→P3.1.2 Parity none		9600	-	-	none	-	-	-	On	MLB-A05			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										1 2 3 4 5				
RPB-DM	Cal F9→9600 CalF10→8n1		9600	8	1	none	-	-	Input price before printout	On	CFS-A01			
										<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
										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 border="1" style="width: 100%; text-align: center;"> <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 border="1" style="width: 100%; text-align: center;"> <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 border="1" style="width: 100%; text-align: center;"> <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 border="1" style="width: 100%; text-align: center;"> <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 border="1"> <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																												
ALJ-N/ALS-N PLJ-N /PLS- N ALT/PLT, ILT	9600 Bd No parity (8 data bits) 1 Stop bit		9600				off		on <table border="1"> <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) + gender changer (yellow) on the printer side	
		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		on <table border="1"> <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																												
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 <table border="1"> <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	PR-A23 + (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																			
CFS	4800 Bd No parity (8 data bits)	Pmode Print „AUoff“	P baud “b 4800”			Parity “8 n l”				Ptype “tPUP”	o n <table border="1"><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></table> 1 2 3 4 5 6 7 8			x		x	x			x	x		x			x	x	CFS-A01 (=zero modem cable with female plug, but without jumpers in the plug)
		x		x	x																							
x	x		x			x	x																					
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS								o n <table border="1"><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></table> 1 2 3 4 5 6 7 8			x		x	x			x	x		x			x	x	MLB-A05
		x		x	x																							
x	x		x			x	x																					
CPB-N CPB- DM	9600 Bd No parity Automatic summation mode	F4→ AU on	BAUD→ 9600							PTYPE→ tP LAnG→ Eng	o n <table border="1"><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td></td><td>x</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> 1 2 3 4 5 6 7 8			x					x	x	x		x	x	x		x	CFS-A01
		x					x																					
x	x		x	x	x		x																					
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 border="1"><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td></td><td>x</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> 1 2 3 4 5 6 7 8			x					x	x	x		x	x	x		x	CWS-A02 + gender changer (yellow) + (adapter 9/24 poles) added to the printer	
		x					x																					
x	x		x	x	x		x																					
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 border="1"><tr><td></td><td></td><td>x</td><td></td><td></td><td></td><td></td><td>x</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> 1 2 3 4 5 6 7 8			x					x	x	x		x	x	x		x	CXP-A02 + gender changer (yellow) + (adapter 9/24 poles) added to the printer	
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x	x		x	x	x		x																					
CPB/ RPB- NM	4800 Bd No parity (8 data bits)	Port „on“	4800 bPS								o n <table border="1"><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></table> 1 2 3 4 5 6 7 8			x		x	x			x	x		x			x	x	MLB-A05
		x		x	x																							
x	x		x			x	x																					

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																															
										<table border="1"> <tr> <td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></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></td><td>X</td><td></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><td></td><td></td> </tr> </table>										X					X			X	X		X	X	X			X		1	2	3	4
		X					X																																		
X	X		X	X	X			X																																	
1	2	3	4	5	6	7	8																																		
<p>MOISTURE DETERMINATION (1)</p> <p>Machine Type: DAB 100-3</p> <p>Heating Mode: STANDARD</p> <p>Stop Mode: AUTOMATIC</p> <p>Heating Temp: 110 degree(C)</p> <p>Time elapsed: 02:20</p> <p>Net W: 1.334 g</p> <p>Dry #: 1.323 g</p> <p>Moisture: 0.82 %</p>												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																														
											<table border="1"> <tr> <td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td>X</td><td></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></td><td>X</td><td></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><td></td><td></td> </tr> </table>										X					X			X	X		X	X	X			X		1	2	3
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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	
										<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
		Output interval: Progrm→PRINT→INTVL→Selectable 1–30 s, 1-10min, final (Data output at end of measurement)																	
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	
										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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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																											
											<table border="1"> <tr><td></td><td></td><td>x</td><td></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></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><td></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																																	
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 border="1"> <tr><td></td><td></td><td>x</td><td></td><td>x</td><td></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><td></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><td></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																																	
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																											
											<table border="1"> <tr><td></td><td></td><td>x</td><td></td><td>x</td><td></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><td></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><td></td></tr> </table>				x		x					x	x		x		x	x	x		1	2	3	4	5	6	7	8		
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x	x		x		x	x	x																																	
1	2	3	4	5	6	7	8																																	
	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	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 <table border="1" style="width: 100%; text-align: center;"> <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 border="1" style="width: 100%; text-align: center;"> <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 border="1" style="width: 100%; text-align: center;"> <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	
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1	2	3	4	5	6	7	8																													
KME KMN BTEP UTEF 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 border="1" style="width: 100%; text-align: center;"> <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			x				x		CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)
											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			x				x		KFN-A01
											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			x				x		MLB-A05 + Gender changer (yellow) + (adapter 9/24 poles added to the printer)
											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			x				x		CFS-A01
											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	MLB-A05 +																											
										<table border="1"> <tr><td></td><td></td><td>x</td><td></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></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><td></td></tr> </table>				x					x		x	x		x	x	x			x	1	2	3	4	5	6	7	8		
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										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	MLB-A05																											
										<table border="1"> <tr><td></td><td></td><td>x</td><td></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></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><td></td></tr> </table>				x					x		x	x		x	x	x			x	1	2	3	4	5	6	7	8		
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										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	MLB-A05																											
										<table border="1"> <tr><td></td><td></td><td>x</td><td></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></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><td></td></tr> </table>				x					x		x	x		x	x	x			x	1	2	3	4	5	6	7	8		
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										1 2 3 4 5 6 7 8																													
MLS-D	9600 Bd Keine Parität 8 Datenbits 1 Stopbit Kein Handshake	-	P3.1 COM1	P3.1.1 BAUD 9600	P3.1.2 PARIT. kein						on	MLB-A05																											
										<table border="1"> <tr><td></td><td></td><td>x</td><td></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></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><td></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																																
										1 2 3 4 5 6 7 8																													
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																											
MPP	9600 Bd No parity (8 data bits) 1 Stop bit No handshake									on	<table border="1"> <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 border="1"> <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																													
MPU	9600 Bd No parity (8 data bits)									on	<table border="1"> <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																													
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	<table border="1"> <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 (=Nullmodem-Kabel m. Stecker-Buchse allerdings ohne Brücken im Stecker)
		x				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	<table border="1"> <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	770-926 ABS-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	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	on								CFS-A01 + gender changer (yellow) + (adapter 9/24 poles added to the printer)	
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	on					
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	on					572-926
										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	<table border="1"> <tr><td>on</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>off</td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on	x	x			off			x	x		1	2	3	4	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“	<table border="1"> <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></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on					off	x	x	x	x		1	2	3	4	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	<table border="1"> <tr><td>on</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>off</td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on	x	x			off			x	x		1	2	3	4	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	-	-	-	<table border="1"> <tr><td>on</td><td></td><td></td><td></td><td></td></tr> <tr><td>of f</td><td>x</td><td>x</td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on					of f	x	x	x	x		1	2	3	4	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				<table border="1"> <tr><td>on</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>of f</td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on	x	x			of f			x	x		1	2	3	4	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.I.F.1	72.bL.1			73.PA. 0			71.o.c.7	<table border="1"> <tr><td>on</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>off</td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on	x	x			off			x	x		1	2	3	4	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	<table border="1"> <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></td><td>1</td><td>2</td><td>3</td><td>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																									
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	<table border="1"> <tr><td>on</td><td>x</td><td>x</td><td></td><td></td></tr> <tr><td>off</td><td></td><td></td><td>x</td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on	x	x			off			x	x		1	2	3	4	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				<table border="1"> <tr><td>on</td><td></td><td>x</td><td>x</td><td></td></tr> <tr><td>off</td><td>x</td><td></td><td></td><td>x</td></tr> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> </table>				on		x	x		off	x			x		1	2	3	4	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						PTYPE → tP LAnG→ Eng	<table border="1"> <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></td><td>1</td><td>2</td><td>3</td><td>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																									

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	on	off						
ILT-BM	9600 Bd No parity 8 data bits 1 Stop bit No handshake	Com.→ RS23	9600	8	1	none	-	-	-								MLB-A05
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)
KDE-T	9600 Bd No parity		9600														572-926
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

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“ RS1-04 →“1“ RS1-05 →“0“ RS1-08 →“0“	<table border="1"> <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></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table>					on					off	x	x	x	x		1	2	3	4	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										<table border="1"> <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></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table>					on					off	x	x	x	x		1	2	3	4	Standardmäßiges Schnittstellenkabel
on																															
off	x	x	x	x																											
	1	2	3	4																											
MPS	9600 Bd Keine Parität 8 Datenbits 1 Stopbit Kein Handshake										<table border="1"> <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></td> <td>1</td> <td>2</td> <td>3</td> <td>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 Keine Parität 8 Datenbits										<table border="1"> <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></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table>					on					off	x	x	x	x		1	2	3	4	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	on				
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	on					
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
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
ON □ □ □ □ □ □ □ □ □ □ □ ■ □ □ □ □ 1 2 3 4 5 6	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 - - - - 1 2 3 4 5 6	770-926				
AEJ-CM AES-C PLJ-C	P3 Communication→C OM1→Baud 9600→Parity none		9600	-	-	none	-	-	-	on x - - - x x - x x x - - 1 2 3 4 5 6	MLB-A05				
AET-NM	Admin→Communi- cation→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 X - - 1 2 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				
	 <p style="text-align: center;">line feed is incorrect</p>														
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				

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→	baud rt „br9600“							on						572-926
		ManuPC									X	-	-	-	X	
oder→										-	X	X	X	-	-	
Auto PC										1	2	3	4	5	6	
line feed is incorrect																
DAB	9600 Bd 7 Datenbits 2 Stopbit	L-E	b--9600							on						MLB-A05
											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																					
EMB-V	9600 Bd No parity (8 data bits) 1 Stop bit	Pr→rE Cr	9600	8	1	none	-	-	-	on	<table border="1"> <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
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-	x	x	x	-	-																									
1	2	3	4	5	6																									
EG-NM	i.F. 72.b.L. → 4		9600	8	-	none	-	-	-	on	<table border="1"> <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	474-926
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1	2	3	4	5	6																									
EWJ	F3Com→S232→P Prt→9600→tP		9600	-	-	-	-	-	-	on	<table border="1"> <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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-	x	x	x	-	-																									
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FCB	Pr→rE-Cr→baud 9600		9600	-	-	-	-	LAPr	-	on	<table border="1"> <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
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GAB -NM	AU on →b9600→LP		9600	-	-	-	-	-	-	on	<table border="1"> <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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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	x	-	-	-	x	x	MLB-A05
										-	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	x	-	-	-	x	x	MLB-A05
										-	x	x	x	-	-		
										1	2	3	4	5	6		
IXS60K2LM	03rbl→rbl01 9600→rbl02 none →FM11		9600	-	-	none	-	-		on	x	-	-	-	x	x	CFS-A01
										-	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	x	-	-	-	x	x	CFS-A01
										-	x	x	x	-	-		
										1	2	3	4	5	6		
KFS-T	9600 Bd Parity none	F7 UA → 4UA5	9600	-	-	none	-	-		on	x	-	-	-	x	x	MLB-A05
										-	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		MLB-A05																
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1	2	3	4	5	6																								
PNJ / PNS			72. b.L. →9600			keine		7. I.F. 1 (6-stellig)			on		MLB-A05																
<table border="1"> <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
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1	2	3	4	5	6																								
RPB	CalF9→9600→Cal F10→8n1		9600	8	1	none	-	-		Input price before output	on		CFS-A01																
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5. KERN YKE-01

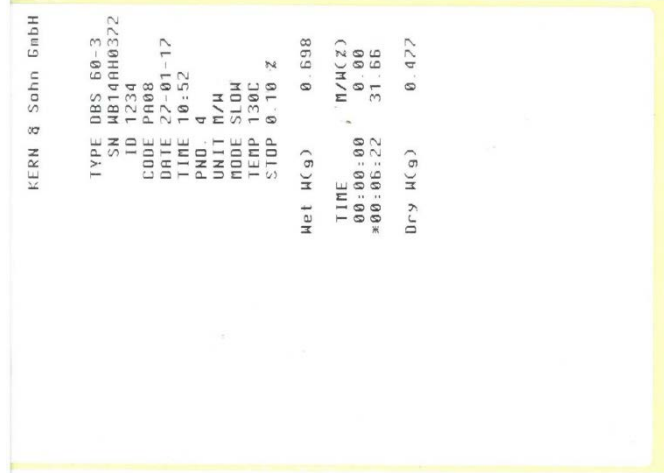
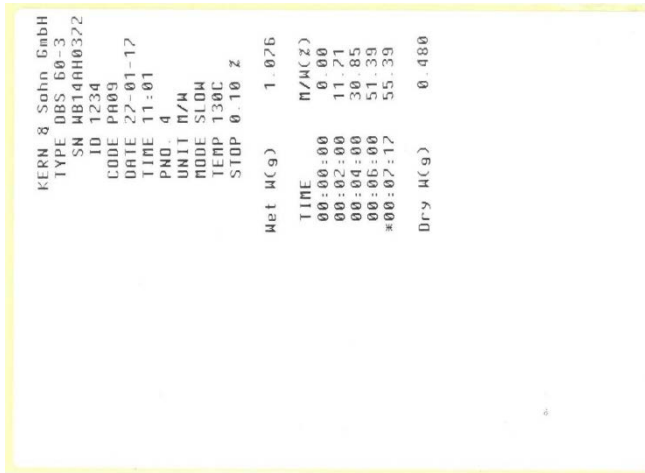


Balance										KERN YKE-01
Balance Type	Configuration	Menu settings								Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
440-572-573- CB-DE-DS- KB-PCB - FCB-FKB	-	PRT PrPC	9600	-	-	-	-	-	-	572-926
ABS/ ABT	Interface -> iF:User	PRT	i.ob 9600	io.P: no	los:S1 (1)	lo.p:no	lo.H: off	lo.F: dF1	lo.d:LF	Io770-926 (ABS-A05)
ADB	Output after pressing „PRINT“	PRT	9600	-	-	-	-	-	C5-3	MLB-A05
ALJ-A	Output after pressing „PRINT“	PRT PC Prtr PrCMD	9600	8	1	keine	-	TP	-	572-926
ABJ-NM ABS-N	APC.PRN-> COMM.SET-> MODER.U	PRT	BPS 9600	-	1	keine	off	PF.2	AutoPRN LD.RET.o Delimiter CR+LF	ACS-A01
CDS	-	PRT	9600	-	-	-	-	-	-	MLB-A05

Balance										KERN YKE-01
Balance Type	Configuration	Menu settings								Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
CPB	-	PRT	9600	-	-	-	-	tP	Auoff P Cont: send zero on	CFS-A01
EG/EW	6-digit data format	PRT 71.o.c.7	9600 72.b.L4	-	-	-	-	-	-	474-926
EMB-V	-	PRT rE CR	9600	-	-	-	-	-	-	572-926
EOC	-	PR1	9600	8	1	no	-	-	-	EOC-A12
EWJ	-	PRT	9600	-	-	-	-	TP	-	CFS-A01
FKT	-	PRT	9600	8	1	no	-	-	print function only if Auto-Print	572-926
GAB	Totalising function off	PRT	9600	-	-	-	-	TP	-	CFS-A01
GAT	-	PRT	9600	8	1	no	-	TP	All at serial interface	CFS-A01
IOC	-	PRT PR1	9600	8	1	no	-	-	-	EOC-A12

Balance										KERN YKE-01
Balance Type	Configuration	Menu settings								Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
IXS/SXS	-	PRT PR1	9600	8	1	no	-	Lab0 Prr0	-	KXS-A04
MPE	-	PRT PPrt	9600	8	-	-	-	Prt1	Printer type: tPUP	CFS-A01
MPS	-	PRT	9600	8	1	no	no	ASCII		MPS-A08
PBJ/PBS	-	PRT A-OPint on	9600	-	-	no	H-off	F-EB	Delimiter: CR+LF	770-926
PCB	-	PRT reCR	9600	-	-	-	-	-	-	572-926
PCD	-	PRT PrPC	9600	-	-	-	-	-	-	572-926
PEJ/PES	6-digit data format	PRT	9600 62.b.L.4	-	-	-	-	-	61.o.c.7	474-926
PFB	-	PRT	9600					TP		CFS-A01
PNJ/PNS	6-digit data format for PNS 7-digit data format forPNJ	PRT 71.o.c.3	9600 72.b.L.4	-	-	73.PA.O (no)	-	7.I.F.1 forPNS / 7.1.F.3 for PNJ		MLB-A05
RFC	only works with continuous data output	PRT CONT	9600 72.b.L.4	8	1	no	-	-	-	CFS-A01
SFB	-	PR1	9600	8	1	no	-	Lab0 Prt0	tPUP	KFN-A01

Balance										KERN YKE-01
Balance Type	Configuration	Menu settings								Interface cable
		mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
TABP	Auto-Print on	PRT	9600	-	1	no	off	Format 1	Settings Communication RS- 232C user defined	MLB-A05
TALJ	Output after pressing „PRINT“	PRT PC Prtr PC CMD	9600	8	1	no	-	TP	-	572-926

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	Progrom→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: Progrom→PRINT→INTVL→ final with YKE-A03 label							Printout interval: Progrom→PRINT→INTVL→ 2 min with YKE-A03 label					
												

6. KERN YKG / YKH

The basic configuration of the balance is identical to both printer models.

For the respective printer setting please refer to the operating instructions supplied with each balance.



KERN YKG



KERN YKH

Balance										KERN YKG / YKH
Balance Type	Configura-tion	Menu settings								Interface cable / Gender Changer
		Mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
440-572-573- CB-DE-DS- KB-PCB - FCB-FKB	-	PRT PrPC	9600	-	1	no	-	-	-	572-926 Null_ Modem + GC MM
ABS/ ABT	Interface -> iF:User	PRT	i.ob 9600	io.P: no	los:S1 (1)	lo.p:no	lo.H: off	lo.F: dF1	lo.d:LF	770-926 (ABS-A05)
ADB	Output after pressing „PRINT“	PRT	9600	-	-	-	-	-	C5-3	MLB-A05 Null_ Modem + GC MM
ALJ-A	Output after pressing „PRINT“	PRT PC Prtr PrCMD	9600	8	1	keine	-	TP	-	572-926
CDS	-	PRT	9600	-	-	-	-	-	-	MLB-A05 Null_ Modem + GC MM

Balance										KERN YKG / YKH
Balance Type	Configura-tion	Menu settings								Interface cable / Gender Changer
		Mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
CFS	F2 PRT	PRT Auoff	9600	8	1	no	-	TPUP		572-926 Null_ Modem + GC MM
ABJ-NM ABS-N ABJ	APC.PRN-> COMM.SET-> MODE.U	PRT	BPS 9600	-	1	no	off	PF.2	AutoPRN LD.RET.o Delimiter CR+LF	ACS-A01 Null_ Modem + GC MM
CPB	-	PRT	9600	-	-	-	-	tP	Auoff P Cont: send zero on	CFS-A01 Null_ Modem + GC MM
DAB	-	PRT	9600	8	1	no	-	-	Autoprint off	MLB-A05
DBS	-	Prt	9600	8	1	no	no	-	-	572-926
EG/EW	6-digit data format	PRT 71.o.c.7	9600 72.b.L4	-	-	-	-	-	-	474-926 Null_ Modem + GC MM

Balance										KERN YKG / YKH
Balance Type	Configuration	Menu settings								Interface cable / Gender Changer
		Mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
EMB-V	-	PRT rE CR	9600	-	-	-	-	-	-	572-926 Null_ Modem + GC MM
EOC	-	PR1	9600	8	1	no	-	-	-	EOC-A12 Null_ Modem + GC MM
EWJ	-	PRT	9600	-	-	-	-	TP	-	CFS-A01
FKT	-	PRT	9600	8	1	no	-	-	print function only if Auto-Print	572-926
GAB	Totalising function off	PRT	9600	-	-	-	-	TP	-	CFS-A01 Null_ Modem + GC MM
GAT	-	PRT	9600	8	1	no	-	TP	All at serial interface	CFS-A01 Null_ Modem + GC MM
IFB (KFB-TAM)	PtyPE tPUP	PRT PR1	9600	8	1	no	-	Lab2 Prt7	-	CFS-A01 Null_ Modem + GC MM
IFS (KFS-TAM)	F7UA-> 4UA5 G on H on	PRT	9600	-	-	no	-	-	-	CFS-A01 Null_ Modem + GC MM
IOC	-	PRT PR1	9600	8	1	no	-	-	-	EOC-A12 Null_ Modem + GC MM
IXS/SXS	-	PRT PR1	9600	8	1	no	-	Lab0 Prr0	-	KXS-A04 Null_ Modem + GC MM
MPE	-	PRT PPrt	9600	8	-	-	-	Prt1	Printer type: tPUP	CFS-A01 Null_ Modem + GC MM
MPS	-	PRT	9600	8	1	no	no	ASCII	-	MPS-A08 Null_ Modem + GC MM

Balance										KERN YKG / YKH
Balance Type	Configuration	Menu settings								Interface cable / Gender Changer
		Mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
PBJ/PBS	-	PRT A-OPint on	9600	-	-	no	H-off	F-EB	Delimiter: CR+LF	770-926 Null_ Modem + GC MM
PCB	-	PRT reCR	9600	-	-	-	-	-	-	572-926 Null_ Modem + GC MM
PCD	--	PRT PrPC	9600	-	-	-	-	-	-	572-926 Null_ Modem + GC MM
PEJ/PES	6-digit data format	PRT	9600 62.b.L.4	-	-	-	-	-	61.o.c.7	474-926 Null_ Modem + GC MM
PFB	-	PRT	9600	-	-	-	-	TP	-	CFS-A01 Null_ Modem + GC MM
PNJ/PNS	6-digit data format for PNS 7-digit data format forPNJ	PRT 171.o.c. 3	9600 72.b.L.4	-	-	73.PA.O (no)	-	7.I.F.1 für PNS /7.1.F.3 Für PNJ	-	MLB-A05 Null_ Modem + GC MM
RFC	only works with continuous data output	PRT CONT	9600 72.b.L.4	8	1	no	-	-	-	CFS-A01 Null_ Modem + GC MM

Balance										KERN YKG / YKH
Balance Type	Configura-tion	Menu settings								Interface cable / Gender Changer
		Mode	Baud rate	Data bits:	Stop bits	Parity	Hand shake	Data format	Miscellaneous	
RFE	COM1-> Chanel-> rs232-> Print-> rG 88u	Output after pressing „PRINT“	9600	8	1	no	-	Prt1	It operates if you have entered a quantity.	CFS-A01 Null_ Modem + GC MM
SFB	-	PR1	9600	8	1	no	-	Lab0 Prt0	tPUP	KFN-A01 Null_ Modem + GC MM
TABP	Auto-Print on	PRT	9600	-	1	no	off	Format 1	Settings Communication RS- 232C user defined	MLB-A05 Null_ Modem + GC MM
TALJ	Output after pressing „PRINT“	PRT PC Prtr PC CMD	9600	8	1	no	-	TP	-	572-926 Null_ Modem + GC MM