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CM

HP 41C PROGRAM SUBMITTAL FORM
PROGRAMMFORMBLATT/DOCUMENTATION DU PROGRAMME/GENERALITÀ SUL PROGRAMMA

Program Title MUSIC WRITER - CLARINET TRANSPOSITION
 Programmtitle
 Titre du programme
 Titolo del programma

Category No. 950 **Name** TIME
 Kategorie Nr.
 Catégorie N°
 Categoria N° Rubrik
 Rubrique
 Nome della categoria

No. of program lines 384 **No. of data registers** 190
 Anzahl Programmzeilen
 Nombre de lignes de programme
 N° di linee di programma
 Anzahl des benötigten Datenspeicher
 Nombre de registres de données
 N° di registri utilizzati

Recommended HP 41C System configuration
 Empfohlene System-Konfiguration Port #1 MM Port #2 MM
 Configuration recommandée Port #3 PR Port #4 (CR)
 Configurazione raccomandata

This program requires the following programs as subroutines:

Dieses Programm benutzt folgende Programme als Unterprogramme:
 Ce programme utilise les programmes suivants comme sous-programmes:
 Questo programma usa i seguenti programmi come subroutines:

HP Applications ROM **Program Name:**
 HP Applications ROM
 ROM d'application HP
 ROM di applicazione HP
 Programmi:
 Nom du programme:
 Programmi:

Program Abstract USING THE GRAPHICS CAPABILITIES OF THE 82143 A
 Kurzbeschreibung
 Résumé
 Breve descrizione
 del programma
PRINTER, THE PROGRAM PRINTS A MUSICAL
SCORE. IN THIS CASE, THE MUSICAL SCORE IS A
TRANSPOSITION FOR B-FLAT CLARINET, BUT SIMPLE
PROGRAM CHANGES CAN YIELD ANY (OR NO) TRANSPOSITION.
A THREE OCTAVE RANGE IS PROVIDED IN THE TREBLE CLEF,
FROM E BELOW MIDDLE C TO THE D ABOVE THE STAFF. THE
PRINTER PROVIDES THE CLEF; ALL THE NOTES AS EITHER QUAVERS,
CROTCHETS, MINUIMS, OR SEMI-BEVES; ALL SHARPS, FLATS, AND
NATURALS; TIME AND KEY SIGNATURES; AND RESTS.

Name L. H. GILBERT
 Name/Nom/Name
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City RONDE BOSCH **Postal Code** 7700 **Country** SOUTH AFRICA
 Ort Land
 Localité Code postal Pays
 Città C.A.P. Paese

ACKNOWLEDGMENT AND AGREEMENT
Erklärung und Ermächtigung/Déclaration et Autorisation/Dichiarazione e Autorizzazione

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Date 15.4.80 **Signature**
 Datum Unterschrift
 Date Signature
 Data Firma

CM Cantant

PROGRAMMBESCHREIBUNG I
DESCRIPTION DU PROGRAMME I
DESCRIZIONE DEL PROGRAMMA I

Application, Equations, Variables

Anwendung, Gleichungen, Veränderliche

Application, Equations, Variables

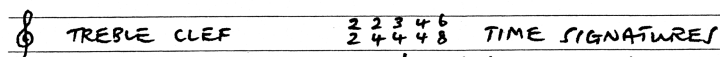
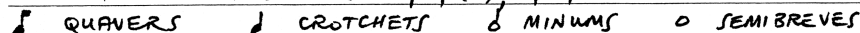
Applicazione, Equazioni, Variabili

59 SPECIAL CHARACTERS HAVE BEEN BUILT

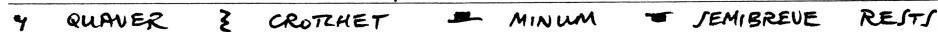
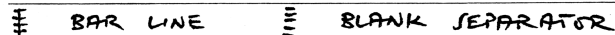
AND PROVIDED. THE PROGRAM ASSEMBLES

AND PRINTS THESE CHARACTERS TO FORM

THE MUSICAL NOTATION. THE FOLLOWING MAY BE PRINTED:


KEY SIGNATURES FOR 3^b , F, (C), G, D, A & E MAJOR

THESE NOTES MAY BE DOTTED: \cdot .

SHARPS b FLATS 4 NATURALS

FOR TRANSPOSITION, THE USER KEYS THE NOTE APPEARING IN
THE SCORE BEFORE HIM; THE PRINTER PROVIDES A NOTE
A WHOLE TONE HIGHER. B AND E ACCIDENTALS ARE
ALL PROPERLY TRANSPOSED AS WELL.

Operating limits and Warnings

Grenzen und Einschränkungen

Limites et restrictions

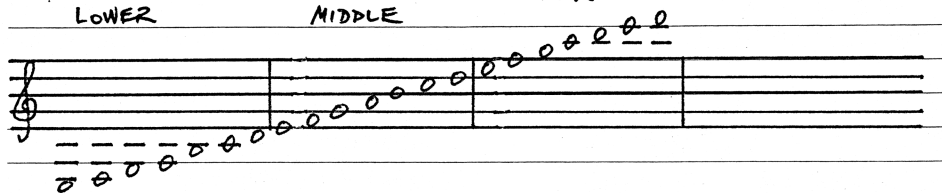
Limiti operativi e avvertenze

THREE OCTAVE RANGE, AS FOLLOWS:

LOWER

MIDDLE

UPPER



This program has been verified only with respect to the numerical example given in Program Description II. User accepts and uses this program material AT HIS OWN RISK, in reliance solely upon his own inspection of the program material and without reliance upon any representation or description concerning the program material.

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Dieses Programm wurde lediglich anhand des in der Programmbeschreibung II enthaltenen Zahlenbeispiels überprüft. Der Benutzer erhält und benutzt das Programmmaterial auf eigenes Risiko hin; er hat es deshalb - gleichgültig, ob es bereits anderweitig präsentiert oder beschrieben wurde - selbst zu untersuchen.

WEDER HP NOCH DER EINSENDER DES PROGRAMMS ÜBERNEHMEN FÜR DAS PROGRAMMATERIAL EINE IRGENDWIE GEARTETE GEWÄHRLEISTUNG ODER HAFTUNG, INSBESONDERE NICHT FÜR SEINE VERKÄUFLICHKEIT ODER SEINE VERWENDBARKEIT FÜR EINEN BESTIMMTEN ZWECK. HP UND DER EINSENDER HAFTEN AUCH NICHT FÜR INDIREKTE ODER FOLGESCHÄDEN.

Le présent programme n'a été vérifié qu'en ce qui concerne l'exemple numérique indiqué dans la description du programme II. L'utilisateur accepte et utilise le présent programme à SES PROPRES RISQUES et doit se fier uniquement à sa propre inspection dudit programme sans se référer à toute autre déclaration et description.

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Questo programma è stato verificato soltanto per quanto concerne l'esempio numerico indicato nella Descrizione del Programma II. L'utilizzatore accetta e utilizzerà il presente programma A SUO INTERO RISCHIO, fidandosi unicamente della propria verifica del programma e non basandosi su altre dichiarazioni o descrizioni.

NE LA SOCIETÀ NE L'AUTORE DANNO ALCUNA GARANZIA IMPLICITA O ESPLICITA CONCERNENTE IL PRESENTE PROGRAMMA, IN SPECIAL MODO RIGUARDANDO ALLA SUA COMMERCIALIZZAZIONE O ADATTABILITÀ AD UN USO PARTICOLARE. NE LA SOCIETÀ HP NE L'AUTORE ASSUMONO ALCUNA RESPONSABILITÀ PER DANNI IMMEDIATI O MEDIATI CAUSATI DALLA FORNITURA, UTILIZZAZIONE O FUNZIONAMENTO DEL PRESENTE PROGRAMMA.

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PROGRAM DESCRIPTION II

PROGRAMMBESCHREIBUNG II
 DESCRIPTION DU PROGRAMME II
 DESCRIZIONE DEL PROGRAMMA II

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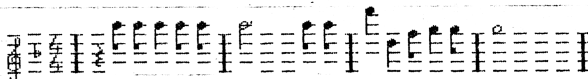
Example
 Beispiel
 Exemple
 Esempio

THE FOLLOWING FIRST FOUR BARS OF "THIS GUY'S
 IN LOVE WITH YOU" ARE TRANPOSED FOR B-FLAT
 CLARINET:

THIS GUY'S IN LOVE WITH YOU

Lyric by HAL DAVID
 Music by BURT BACHARACH

Moderately slow



THE SCORE IS FINISHED BY ADDING TIES, SLURS, AND RULING
 IN THE STAFF LINES.

Sketch
 Skizze
 Croquis
 Schizzo

(Example continued)
(Beispiel fortsetzung)
(Exemple, suite)
(Esempio)

PROGRAMMBESCHREIBUNG III
DESCRIPTION DU PROGRAMME III
DESCRIZIONE DEL PROGRAMMA III

Data Input Dateneingabe Données Dati	Keystrokes Tasten Touches Tasti	Result Resultat Résultat Risultato	Comments Kommentare Commentaires Commenti
	USER		PLACE HP41C INTO "USER" MODE. LOAD THE DATA FROM THE DATA CARDS.
	+	♩	- TREBLE CLEF
	6 xcy	F	- KEY SIGNATURE OF F MAJOR
	10 ^x	4	- TIME SIGNATURE
	4	 	- BAR LINE
	7	z	- CROTCHET REST
	RCL	FLAG 02 SET	- SELECT UPPER OCTAVE
BAR 1	3 R↓		- THE ORIGINAL SCORE CONTAINS 5 "G"s. THESE ARE TRANSPOSED TO "A"s BY THE PROGRAM.
	3 R↓		
	R↓		
	3 R↓		
	3 R↓		
	4	 	- BAR LINE
BAR 2	12 R↓		- DOTTED MINUM G
	5		- SPACE
	5		- SPACE
	3 R↓		- QUAVER G
	3 R↓		- QUAVER G
	4	 	
BAR 3	√x		- G
	STO		- SELECT MIDDLE OCTAVE
	√x		- C
	RCL		- SELECT UPPER OCTAVE
	3 LN		- QUAVER E
	xcy		- F
	3 xcy		- QUAVER F
	4	 	
BAR 4	* xcy		- SEMIBREVE F
	5		
	5		
	5		
	4	 	

Step Schritt Pas Passo	Instructions Operation Instructions Istruzioni	Variables Données Données Dati	Function(s) Taste(n) Touche(s) Tasti	Result Resultat Resultat Risultato
1.	LOAD PROGRAM IN USER MODE. READ IN SPECIAL CHARACTERS FROM DATA CARDS.			
2.	AT ANY POINT, THE FOLLOWING SYMBOLS MAY BE GENERATED:		— 7 8 9 + 4 5 Σ- y ^x x ^y 10 ^x e ^x	7 Σ — — — — — 2 2 2 4 4 4 8
3.	KEY SIGNATURES MAY BE GENERATED: (a)		6	(FLAG 14 SET)
	(b) SELECT THE KEY: A(ε+) B(1/x) C(√x) D(LOG) E(LN) F(x ^y) G(R _h)			KEY SIGNATURE PRINTED.
4.	GENERATE AN ACCIDENTAL: (a) SELECT THE OCTAVE:	*	XEQ STO RCL	(LOWER F00) (MIDDLE F01) (UPPER F02)
	(b) SELECT THE ACCIDENTAL:	**	ENTER CHS EEB	(# F03) (b F04) (4 F03+04)
	(c) SELECT THE REQUIRED NOTE: A(ε+) B(1/x) C(√x) D(LOG) E(LN) F(x ^y) G(R _h)			
	[N.B. A REQUEST FOR B ^b WILL GENERATE C ⁴ . " " " B ⁴ " " C [#] . " " " B [#] " " D ⁴ .			ACCIDENTAL PRINTED, A TONE UP.
	ALSO, A REQUEST FOR E ^b WILL GENERATE F ⁴ . " " " E ⁴ " " F [#] . " " " E [#] " " G ⁴ .			

PROGRAMMABLAUF II
INSTRUCTIONS D'EMPLOI II
NORME OPERATIVE II

Step Schritt Pas Passo	Instructions Operation Instructions Istruzioni	Variables Dateneingabe Données Dati	Function(s) Taste(n) Touche(s) Tasti	Result Resultat Résultat Risultato
5.	GENERATE A NOTE:			
	(a) SELECT THE OCTAVE:	X	XEQ	(LOWER F00)
			STO	(MIDDLE F01)
			RCL	(UPPER F02)
	(b) SELECT THE TIME VALUE:	**	*	(SEMI BREVE)
	DEFAULT VALUE IS CROCHET.		1	(MINUM)
			2	(DOTTED)
			3	(QUAVER)
	(c) SELECT THE NOTE: A(ET) B(1/2) C(1/4) D(1/8) E(LN) F(1/16) G(R)			
				NOTE PRINTED
				A TONE UP.
	* OCTAVE SELECTION STAYS AS SET UNTIL CHANGED BY USER.			
	** ACCIDENTALS & TIME VALUES ARE RESET AFTER THE REQUIRED SYMBOL HAS BEEN PRINTED.			

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PROGRAM LISTING

PROGRAMMAUFLISTUNG

LISTAGE DU PROGRAMME

LISTATO DI PROGRAMMA

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Line Zeile Ligne Linea	Keystrokes Tastenfölg Touches Tasti	Comments Kommentar Commentaires Commenti	Line Zeile Ligne Linea	Key pressed Tastenfölg Touches Tasti	Comments Kommentar Commentaires Commenti
01	01+LBL "K"		5	51 DSE 00	NEXT CHAR.
	02 CF 01	SET LOWER		52 GTO 11	
	03 CF 02	OCTAVE.		53 127	FINAL STAFF
	04 SF 00			54 FC?C 05	LINE.
05	05 RTN		5	55 ACCOL	
	06+LBL "L"			56 RCL 01	GET FINAL
	07 CF 00	SET MIDDLE		57 X>0?	CHAR.
	08 CF 02	OCTAVE.		58 XEQ 12	PRINT SYMBOL.
	09 SF 01			59 PRBUF	
10	10 RTN		6	60 RTN	
	11+LBL "M"	SET UPPER		61+LBL 12	DECODE
	12 CF 00	OCTAVE.		62 RCL 01	SYMBOL CODE.
	13 CF 01			63 INT	
	14 SF 02			64 ST- 01	
	15 RTN		6	65 X=0?	
15	16+LBL "N"	SET #		66 GTO 13	RECALL &
	17 SF 09			67 RCL IND	ACCUMULATE
	18 SF 03			X 68 ACSPEC	SPECIAL CHAR.
	19 CF 04			69 RTN	
20	20 RTN		7	70+LBL 13	SKIP A CHAR.
	21+LBL "O"	SET b		71 1	
	22 SF 09			72 SKPCHR	
	23 SF 04			73 RTN	
	24 CF 03			74+LBL a	CODE
	25 RTN			75 XEQ 27	TIME
25	26+LBL "P"	SET 4	7	76 50,49504	SIGNATURES:
	27 SF 09		9	77 GTO 28	3
	28 SF 03			78+LBL b	
	29 SF 04			79 XEQ 27	2
	30 RTN		8	80 54,53504	4
30	31+LBL 28	OUTPUT		81 GTO 28	
	32 STO 01	SYMBOL	9	82+LBL c	
	33+LBL 15	ROUTINE.		83 XEQ 27	
	34 CF 03			84 54,53525	3
	35 CF 04	CLEAR.			4
35	36 CF 06		1	85 GTO 28	
	37 CF 09			86+LBL d	
	38 CF 10			87 XEQ 27	
	39 CLX			88 54,53545	4
	40 STO 59		3	89 GTO 28	4
	41 STO 60			90+LBL e	
	42 STO 61			91 XEQ 27	6
40	43 GTO 14		9	92 58,57565	8
	44+LBL 11	STAFF LINE.			
	45 127				
	46 ACCOL				
	47+LBL 14	GET CHAR.	9		
45	48 XEQ 12	DECODE	5	93 GTO 28	
	49 100	SYMBOL CODE.		94+LBL "Y"	SEMIBREVE
	50 ST* 01			95 SF 10	
				96+LBL "Z"	MINUM
				97 1	
50				98 STO 59	
				99 RTN	
				100+LBL "="	

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lo stampa!

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PROGRAM LISTING

PROGRAMMAUFLISTUNG

LISTAGE DU PROGRAMME

LISTATO DI PROGRAMMA

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Line Zeile Ligne Linea	Keystrokes Tastenföge Touches Tastu	Comments Kommentar Commentaires Commenti	Line Zeile Ligne Linea	Key pressed Tastenföge Touches Tastu	Comments Kommentar Commentaires Commenti
01	101 2	DOTTED	5	150 XEQ A	
	102 STO 60	NOTE		151 RTN	
	103 RTN			152+LBL G	"A" NOTE:
	104+LBL "?"			153 FS? 01	
05	105 1	QUAVER	5	154 SF 07	
	106 STO 61			155 1	ASSEMBLE
	107 RTN			156 FC?C 14	SYMBOL CODE.
	108+LBL D	"E" NOTE:		157 GTO 25	
	109 FS?C 14			158+LBL 30	"G" KEY
10	110 GTO 31			159 CF 07	SIGNATURE.
	111 24			160 XEQ "M"	
	112 FS? 00	SET UP "E"		161 XEQ "N"	
	113 0			162 0	
	114 FS? 02			163 XEQ 25	
	115 32			164 RTN	
15	116 SKPCOL		6	165+LBL A	"B" NOTE
	117 FS? 02			166 FS? 01	
	118 XEQ 24			167 SF 07	
	119 XEQ 00			168 2	ASSEMBLE
	120 18			169 FC?C 14	SYMBOL CODE.
	121 FS? 01			170 GTO 26	
20	122 17	ASSEMBLE	7	171+LBL 32	"A" KEY
	123 GTO IND	SYMBOL CODE.		172 CF 07	SIGNATURE.
	X			173 XEQ 31	
	124+LBL 31	"J" KEY		174 XEQ "M"	
25	125 XEQ 30	SIGNATURE.	7	175 XEQ "N"	
	126 XEQ "L"			176 XEQ F	
	127 XEQ "N"			177 RTN	
	128 SF 06			178+LBL B	"C" NOTE.
	129 2			179 FS?C 14	
	130 XEQ 25			180 GTO 34	
30	131 RTN		8	181 FS? 09	TRAP
	132+LBL E	"F" NOTE:		182 XEQ 35	ACCIDENTALS.
	133 FS? 09	TRAP		183 FS? 01	
	134 XEQ 35	ACCIDENTALS.		184 SF 06	
	135 0	ASSEMBLE		185 2	
35	136 FC?C 14	SYMBOL CODE.	8	186+LBL 25	PREPARE
	137 GTO 25			187 FS? 02	CODE FOR
	138 XEQ 32	"E" KEY		188 XEQ 24	NOTES IN A
	139 XEQ "L"	SIGNATURE.		189 4	SPACE.
	140 XEQ "N"			190 XEQ 14	
	141 XEQ C			191 GTO IND	
40	142 RTN		9	X	
	143+LBL F	"G" NOTE:		192+LBL 34	"B" KEY
	144 1			193 XEQ 33	SIGNATURE.
	145 FC?C 14	ASSEMBLE		194 XEQ "M"	
	146 GTO 26	SYMBOL CODE.		195 XEQ "O"	
45	147+LBL 33	"F" KEY	9	196 XEQ D	
	148 XEQ "L"	SIGNATURE.		197 RTN	
	149 XEQ "O"			198+LBL 35	TRAP FOR 3
				199 FC? 03	OR E
				200 GTO "P"	ACCIDENTALS.

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PROGRAM LISTING

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PROGRAMMAUFLISTUNG
LISTAGE DU PROGRAMME
LISTATO DI PROGRAMMA

Line Zeile Ligne Linea	Keystrokes Tastenfölg Touches Tasti	Comments Kommentar Commentaires Commenti	Line Zeile Ligne Linea	Key pressed Tastenfölg Touches Tasti	Comments Kommentar Commentaires Commenti
01	201 FS? 04	MODIFY	5	251 GTO 28	
	202 GTO "H"	ACCIDENTAL		252+LBL "S"	
	203 SF 04	AS NEEDED.		253 XEQ 27	
	204 "C/F"			254 ,0039	
05	205 TONE 9		5	255 GTO 28	
	206 PROMPT			256+LBL "T"	
	207+LBL C	"D" NOTE:		257 XEQ 27	
	208 FS?C 14	No "C" KEY		258 ,004	
	209 RTN	SIGNATURE.		259 GTO 28	
	210 FS? 01			260+LBL "U"	
10	211 SF 06		6	261 24	TREBLE
	212 3			262 SKPCOL	CLEF CODE
	213+LBL 26			263 XEQ 00	
	214 FS? 02	PREPARE		264 48,47464	
	215 XEQ 23	CODE FOR		544	
15	216 3	NOTES ON	6	265 GTO 28	
	217 XEQ 14	A STAFF		266+LBL "V"	
	218 X<>Y	LINE.		267 XEQ 27	BAR LINE
	219 GTO IND			268 33,33333	CODE
	X			3	
20	220+LBL 14	DETERMINE	7	269 GTO 28	
	221 X<>Y	LINE TO		270+LBL "W"	SPACE
	222 FS? 02	SKIP BEFORE		271 XEQ 27	
	223 +	PRINTING		272 GTO 15	
	224 FS? 01	SYMBOL.		273+LBL "X"	
25	225 4		7	274 SF 14	KEY SIGNATURE
	226 SKPCHR			275 RTN	FLAG
	227 SKPCOL			276+LBL 17	
	228 FS? 01			277 FS? 09	CODE ASSEMBLY
	229 SF 05			278 GTO 12	FOR NOTES ON
	230 XEQ 00			279 4	A STAFF LINE.
30	231 18	DETERMINE	8	280 ENTER↑	
	232 ENTER↑	CODE		281 3	
	233 17	ASSEMBLY		282 GTO 14	
	234 FS? 01	ROUTINE:		283+LBL 18	CODE ASSEMBLY
	235 X<>Y	17 OR 18		284 FS? 09	FOR NOTES IN
35	236 RTN		8	285 GTO 13	A SPACE.
	237+LBL 23	SET FLAGS		286 7	
	238 SF 08	AS NEEDED		287 ENTER↑	DETERMINE IF
	239+LBL 24	FOR UPPER		288 6	NOTE HEAD OR
	240 SF 07	OCTAVE		289+LBL 14	TAIL V TO BE
40	241 SF 06	NOTES.	9	290 FS? 06	ASSEMBLED FIRST.
	242 SF 05			291 X<>Y	
	243 RTN			292 STO 62	
	244+LBL "Q"	REST CODES:		293 XEQ IND	GET HEAD/TAIL
	245 XEQ 27			Y	
	246 ,3534	Y		294 XEQ 05	GET STEM
45	247 GTO 28		9	295 XEQ IND	GET TAIL/HEAD
	248+LBL "R"			62	
	249 XEQ 27	3		296+LBL 22	
	250 38,3736			297 FS?C 07	SPACE NOTE
				298 XEQ 01	UP IF
50				299 FS?C 08	NEEDED.
				300 XEQ 01	

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PROGRAM LISTING

PROGRAMMAUFLISTUNG

LISTAGE DU PROGRAMME

LISTATO DI PROGRAMMA

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Line Zeile Ligne Linea	Keystrokes Tastenfolge Touches Tasti	Comments Kommentar Commentaires Commenti	Line Zeile Ligne Linea	Key pressed Tastenfolge Touches Tasti	Comments Kommentar Commentaires Commenti
01	301 GT0 15	PRINT.	5	351 RCL 59	ADJUST FOR
	302+LBL 12			352 +	MINIMUM.
	303 43,42	4 CODE		353 ST+ 01	STORE CODE.
	304 FC? 03			354 RTN	
05	305 29,28	4 CODE		355+LBL 05	CODE STEM:
	306 FC? 04	# CODE		356 XEQ 01	OMIT FOR
	307 32,31			357 FS? 10	SEMI BREVE.
	308 GT0 21			358 RTN	
	309+LBL 13	5 CODE		359 18	OR
	310 41			360 FS? 06	
10	311 FC? 03	5 CODE		361 20	STORE CODE.
	312 27,26			362 ST+ 01	
	313 FC? 04	# CODE		363 RTN	
	314 30			364+LBL 06	CODE NOTE
	315+LBL 21			365 XEQ 01	HEAD:
15	316 ST0 01	STORE	6	366 2	
	317 FS? 06	ACCIDENTAL		367+LBL 08	
	318 XEQ 01	CODE SPACE		368 RCL 59	ADJUST FOR
	319 FS? 06	UP IF NEEDED.		369 +	MINIMUM, DOT
	320 ST/ 01			370 RCL 60	
20	321 GT0 22		7	371 +	
	322+LBL 27	CLEAR CODE		372 ST+ 01	STORE CODE.
	323 32	STORAGE,		373 RTN	
	324 SKPCOL	SET COUNTER		374+LBL 04	CODE NOTE
	325 SF 05	= 5 CHARS,		375 400	TAIL: SET OFF/ET.
25	326+LBL 00		7	376 FC? 10	OMIT FOR
	327 CLX			377 ST+ 01	SEMI BREVE
	328 ST0 01			378+LBL 07	INSERT STEM.
	329 5			379 XEQ 05	ADJUST FOR
	330 ST0 00			380+LBL 09	QUAVER.
	331 127	PRINT STAFF		381 RCL 61	STORE CODE.
30	332 FS? 05	LINE IF NEEDED.	8	382 ST+ 01	
	333 ACCOL			383 RTN	
	334 RTN			384 .END.	
	335+LBL 01	ENCODE			
	336 100	CODE.			
35	337 ST/ 01		85		
	338 RTN				
	339+LBL 03	CODE NOTE			
	340 XEQ 01	HEAD: (a)			
	341 12				
40	342 FC? 10	OR	90		
	343 FS? 06				
	344 6				
	345 XEQ 08				
	346 XEQ 01	:			
	347 10	(b)			
45	348 FC? 10	OR	95		
	349 FC? 06				
	350 16	T			
50			(9)		

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REGISTERS, STATUS, FLAGS

REGISTERBELEGUNG, FLAGS, BETRIEBSARTEN

REGISTRES, INDICATEURS, MODES OPÉRATOIRES

REGISTRI, MODI OPERATIVI, FLAGS

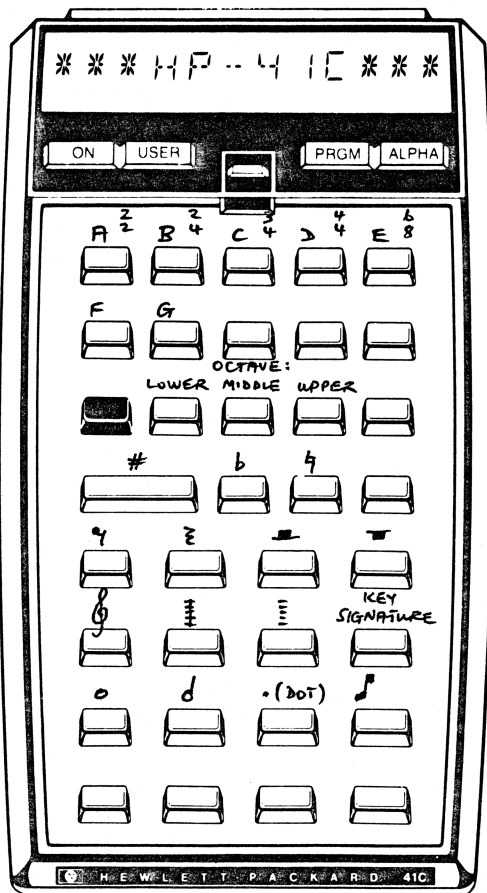
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Registers Datenspeicher Registres de données Registri				Status Betriebsart Modes opératoires Modi operativi			
00	SYMBOL CODE	50		Size	063	Total Reg.	User Mode
	COUNTER			Eng	<input type="checkbox"/>	Fix	<input checked="" type="checkbox"/>
				Sci	<input type="checkbox"/>		On
				Deg	<input checked="" type="checkbox"/>	Rad	<input type="checkbox"/>
				Grad	<input type="checkbox"/>		Off
				Flags			
				Purpose Bedeutung Signification Scopo			
05		55		00	LOWER OCTAVE		
				01	MIDDLE "		
				02	UPPER "		
10		60		03	# } BOTH		
				04	b } = 4		
				05	MIDDLE F & UP		MIDDLE E & DOWN
				06	F STEM DOWN		STEM UP
				07	USED		
15	SPECIAL CHARACTERS	65		08	USED		
				09	ACCIDENTAL		
				10	SEMI BREVE		
				11	Audio execute		
				12			
20		70		13			
				14	KEY SIGNATURE		
				15			
				16			
				17			
25		75		18			
				19			
				20			
				21	Printer Enable		
				22	Number Input		
30		80		23	Alpha Input		
				24	Range Ignore		
				25	Error Ignore		
				26	Audio Enable		
				27	User Mode		
35		85		28	Decimal Point		
				29	Digit Grouping		
				Assignments Tastenbelegung / Assignations / Assegnamenti			
40		90		Function Funktion Fonction Funzione	Key Taste Touche Tasto	Function Funktion Fonction Funzione	Key Taste Touche Tasto
				- SEE NEXT PAGE -			
45		95					
		99					

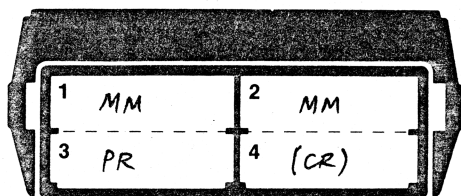
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SYSTEM CONFIGURATION CONFIGURAZIONE DEL SISTEMA

Assignments
Belegungen
Assignations
Assegnamenti



Configuration
Belegung
Configuration
Configurazione



Magnetic card
Magnetkarte
Carte magnétique
Scheda magnetica

