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;20190708 edited added 8 vox to the solo
;20190310 changed offset on 4 4/7 to 16
;20190304 french horn and oboe horn added to midi seq and midi out in the accomp owen jones
;20190209 code edited missing stops and back plate owen jones
;20190209 new code by owen jones copied from the paramount 450 with some minor changes.
;20190205 by owen jones
;20190203 by owen jones
;20190201 by owen jones
;20190126 by owen jones
*computer 50 "console" {
*analog 1 hw4_volume 0 127
*analog 2 mainswell 0 127
*analog 3 soloswell 0 127
*analog 4 crescendo 0 127

*eight_port 1
*port 1
*ui
;*****
; display section
;*****
*lcd
    *unsigned *decimal 2
        *line 1 "mem=" (memory)
        *signed *decimal 1
        *if(transpose!=0) " TR=" (transpose) *else " TR=" (transpose) *endif
        *if(toestud_pianosus) "PS " *else " " *endif
    *line 2
        *if(gen_altviolins) "AV " *else " " *endif
        *if(gen_violinens) "VE " *else " " *endif
        *if(gen_altvoxes) "VX " *else " " *endif
        *if(gen_voxens) "XE " *else " " *endif
        *if(gen_horndiapcelon) "HC " *else " " *endif
        *if(gen_quintacelon) "QC " *else " " *endif
        *if(gen_conflucelon) "CC " *else " " *endif

; boilerplate to make the display menus work
*if(_sbusy)
    *line 3 "~1"
    *line 4 "~2"
*else
    *line 3
        *if(gen_sleighbells) "SB " *else " " *endif
        *if(gen_swellmaster) "SM " *else " " *endif
        *if(gen_blower) "AN " *else " " *endif
        *if(gen_dampers) "DM~b " *else "~b" *endif
    *line 4
        *if(gen_owenjones)
            *if(gen_1_sforzando) "SZ " *else " " *endif
            *if(gen_4_tremposthorn) "TP " *else " " *endif
            *if(acc_5_orchstrgs_8) "OS " *else " " *endif

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        *if(ped_6_kettle)    "TM " *else " " *endif
        *if(ped_7_bassdrroll) "BR " *else " " *endif
        *if(gen_9_harpreit)  "HR " *else " " *endif
        *if(gen_8_xygloreit) "XR~b" *else "~b" *endif
    *else
        *if (set_button)
            *if (map_button)
                "SET/MAP~b"
            *else
                "SET PISTON~b"
            *endif
        *else
            *if (map_button)
                "MAP DISPLAY~b"
            *else
                "PISTON: ~p"
            *endif
        *endif
    *endif
*endif ; terminate the boilerplate

*midi_sequencer
c1n36 ped
c2n36 acc
c3n36 grt
c4n36 sol
c5n36 acc2t
c6n36 grt2t
c16c7 hw4_volume
c8c7 mainswell
c9c7 soloswell
c10c2 crescendo;

c11n1
    ped_contrabom_32    ped_contradiap_32    ped_contraviol_32    ped_contrabour_32
    ped_posthorn_16    ped_bombarde_16    ped_trombone_16    ped_tubahorn_16
    ped_diaph_16    ped_horndiap_16    ped_tib_s_16    ped_clarinet_16
    ped_violone_16    ped_salic_16    ped_bourdon_16    ped_posthorn_s_8
    ped_posthorn_8    ped_tubamira_8    ped_frtrump_8    ped_tubahorn_8
    ped_posthorn_8    ped_tubamira_8    ped_frtrump_8    ped_tubahorn_8
    ped_tubahorn_8    ped_diapa_8    ped_horndiap_8    ped_tib_s_8
    ped_tibpizz_8    ped_clarinet_8    ped_gamba_8    ped_salic_8
    ped_liebflute_8    ped_conflute_8    ped_piano_16    ped_piano_8
    ped_acc2pedal_8    ped_grt2pedal_8    ped_grt2pedal_4    ped_sol2pedal_8
    acc_posthorn_8    acc_tubamira_8    acc_brtrum_8    acc_frtrump_8
    acc_trump_d_8    acc_tubahorn_8    acc_diaph_8    acc_diapa_8
    acc_horndiap_8    acc_tib_s_8    acc_tib_m_8    acc_clarinet_8
    acc_orchoboe_8    acc_string_s_8    acc_vdo_8    acc_salic_8
    acc_frhorn_8    acc_oboehorn_8    acc_liebflute_8    acc_conflute_8
    acc_vox_s_8    acc_vox_m_8    acc_dolce_8    acc_diapa_4
    acc_horndiap_4    acc_tib_m_4    acc_string_s_4    acc_vdo_4
    acc_salic_4    acc_liebflute_4    acc_conflute_4    acc_vox_m_4

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acc_dolce_4	acc_liebflute_223	acc_conflute_223	acc_liebflute_2
acc_tib_m_2	acc_piano_8	acc_vibes_8	acc_subharp_8
acc_harp_4	acc_chrys_4	acc_oct_4	acc_sol2acc_8
grt_posthorn_16	grt_tubamira_16	grt_brtrum_16	grt_trombone_16
grt_trump_d_16	grt_tubahorn_16	grt_diapa_16	grt_horndiap_16
grt_tib_s_16	grt_tib_m_16	grt_clarinet_16	grt_krumet_16
grt_orchoboe_16	grt_musette_16	grt_sax_16	grt_string_s_16
grt_strings_16	grt_oboehorn_16	grt_quint_16	grt_bourdon_16
grt_vox_s_16	grt_vox_m_16	grt_posthorn_s_8	grt_posthorn_8
grt_tubamira_8	grt_brtrum_8	grt_frtrump_8	grt_trump_d_8
grt_tubahorn_8	grt_diapa_8	grt_horndiap_8	grt_tib_s_8
grt_tib_m_8	grt_clarinet_8		

c12n1

grt_krumet_8	grt_kinura_8	grt_orchoboe_8	grt_musette_8
grt_sax_8	grt_orchstrgs_8	grt_string_s_8	grt_vdo_8
grt_salic_8	grt_frhorn_8	grt_oboehorn_8	grt_quint_8
grt_liebflute_8	grt_conflute_8	grt_vox_s_8	grt_vox_m_8
grt_dulc_8	grt_tib_s_513	grt_tib_m_513	grt_diapa_4
grt_tib_s_4	grt_tib_m_4	grt_string_s_4	grt_vdo_4
grt_salic_4	grt_liebflute_4	grt_conflute_4	grt_dulcet_4
grt_tib_m_315	grt_tib_m_223	grt_liebflute_223	grt_tib_s_2
grt_tib_m_2	grt_vdo_2	grt_liebflute_2	grt_tib_m_135
grt_tib_m_1	grt_piano_16	grt_piano_8	
grt_subharp_8			
grt_subxylo_8	grt_subchrys_8	grt_glock_2	grt_sub_16
grt_unioff_8	grt_oct_4	grt_sol2grt_16	grt_sol2grt_8
grt_sol2grtpizz_8	grt_melody_8	sol_posthorn_s_16	sol_tubamira_16
sol_posthorn_s_8	sol_posthorn_8	sol_tubamira_8	sol_brtrum_8
sol_frtrump_8	sol_trump_d_8	sol_tubahorn_8	sol_diaph_8
sol_diapa_8	sol_horndiap_8	sol_tib_s_8	sol_tib_m_8
sol_clarinet_8	sol_krumet_8	sol_kinura_8	sol_orchoboe_8
sol_musette_8	sol_sax_8	sol_gamba_8	sol_strings_8
sol_frhorn_8	sol_oboehorn_8	sol_quint_8	sol_vox_s_8
sol_vox_m_8	sol_tib_s_4	sol_tib_m_4	sol_strings_4
sol_gamba_4	sol_harmflute_4	sol_tib_s_223	sol_tib_s_2
sol_tib_m_2	sol_tib_s_135	sol_tib_s_113	sol_tib_s_1
sol_piano_8	sol_vibes_8	sol_subharp_8	sol_xylo_4
sol_chrys_4	sol_orchbells_2	sol_chimes_8	sol_sub_16
sol_unioff_8	sol_oct_4	sol_12th_223	sol_superoct_2
sol_17th_135	sol_3rd_625	sol_5th_513	gen_alttibias;

c13n1

gen_altpiano	gen_stringsceloff	gen_celesteon	acc2t_brasstrump_8
gen_tibens	acc2t_tperc2acc2t	acc2t_posthorn_8	acc2t_trumpet_d_8
acc2t_tubahorn_8	acc2t_diaph_8	acc2t_tib_m_8	acc2t_clarinet_8
acc2t_tib_m_4	acc2t_piano_8	acc2t_harpsub_8	acc2t_chryssub_8
acc2t_glock_2	acc2t_sol2acc2t_8	acc2t_grt2acc2t_4	acc2t_traps
grt2t_sol2grt2t_16	grt2t_sol2grt2t_8	grt_sostenuto	sol_grt2sol_8
sol_grt2sol_4	ped_bassdrum	ped_cymbal	ped_triangle
ped_brushcymbal	ped_jazzcymbal	ped_fingercymbal	acc_snaredrum

acc_rimshot acc_cymbal acc_brushcymbal acc_jazzcymbal
acc_hihat acc_tomtom acc_cowbell acc_castanets
acc_tambourine acc_woodblock trem_main trem_solo
 trem_tibia_vox_sax trem_clarinet trem_strings trem_tubah
 trem_brasstrump trem_tubamir trem_vibes_chrys

c12c17

transpose

;xx

; stop inputs

;xx

;input 1

*port 2

*hv64

- 01: *dual_mag_tab ped_contrabom_32
- 02: *dual_mag_tab ped_contradiap_32
- 03: *dual_mag_tab ped_contraviol_32
- 04: *dual_mag_tab ped_contrabour_32
- 05: *dual_mag_tab ped_posthorn_16
- 06: *dual_mag_tab ped_bombarde_16
- 07: *dual_mag_tab ped_trombone_16
- 08: *dual_mag_tab ped_tubahorn_16
- 09: *dual_mag_tab ped_diaph_16
- 10: *dual_mag_tab ped_horndiap_16
- 11: *dual_mag_tab ped_tib_s_16
- 12: *dual_mag_tab ped_clarinet_16
- 13: *dual_mag_tab ped_violone_16
- 14: *dual_mag_tab ped_salic_16
- 15: *dual_mag_tab ped_bourdon_16
- 16: *dual_mag_tab ped_posthorn_s_8
- 17: *dual_mag_tab ped_posthorn_8
- 18: *dual_mag_tab ped_tubamira_8
- 19: *dual_mag_tab ped_frtrump_8
- 20: *dual_mag_tab ped_tubahorn_8
- 21: *dual_mag_tab ped_diapa_8
- 22: *dual_mag_tab ped_horndiap_8
- 23: *dual_mag_tab ped_tib_s_8
- 24: *dual_mag_tab ped_tibpizz_8
- 25: *dual_mag_tab ped_clarinet_8
- 26: *dual_mag_tab ped_gamba_8
- 27: *dual_mag_tab ped_salic_8
- 28: *dual_mag_tab ped_liebflute_8
- 29: *dual_mag_tab ped_conflute_8
- 30: *dual_mag_tab ped_piano_16
- 31: *dual_mag_tab ped_piano_8
- 32: *dual_mag_tab ped_acc2pedal_8
- 33: *dual_mag_tab ped_grt2pedal_8
- 34: *dual_mag_tab ped_grt2pedal_4
- 35: *dual_mag_tab ped_sol2pedal_8
- 36: *dual_mag_tab acc_posthorn_8
- 37: *dual_mag_tab acc_tubamira_8
- 38: *dual_mag_tab acc_brtrum_8

39: *dual_mag_tab acc_frtrump_8
40: *dual_mag_tab acc_trump_d_8
41: *dual_mag_tab acc_tubahorn_8
42: *dual_mag_tab acc_diaph_8
43: *dual_mag_tab acc_diapa_8
44: *dual_mag_tab acc_horndiap_8
45: *dual_mag_tab acc_tib_s_8
46: *dual_mag_tab acc_tib_m_8
47: *dual_mag_tab acc_clarinet_8
48: *dual_mag_tab acc_orchoboe_8
49: *dual_mag_tab acc_string_s_8
50: *dual_mag_tab acc_vdo_8
51: *dual_mag_tab acc_salic_8
52: *dual_mag_tab acc_frhorn_8
53: *dual_mag_tab acc_oboehorn_8
54: *dual_mag_tab acc_quint_8
55: *dual_mag_tab acc_liebflute_8
56: *dual_mag_tab acc_conflute_8
57: *dual_mag_tab acc_vox_s_8
58:
 *dual_mag_tab acc_vox_m_8
59: *dual_mag_tab acc_dolce_8
60: *dual_mag_tab acc_diapa_4
61: *dual_mag_tab acc_horndiap_4
62: *dual_mag_tab acc_tib_m_4
63: *dual_mag_tab acc_string_s_4
64: *dual_mag_tab acc_vdo_4

;input 2

*hv64

01: *dual_mag_tab acc_salic_4
02: *dual_mag_tab acc_liebflute_4
03: *dual_mag_tab acc_conflute_4
04: *dual_mag_tab acc_vox_m_4
05: *dual_mag_tab acc_dolce_4
06: *dual_mag_tab acc_liebflute_223
07: *dual_mag_tab acc_conflute_223
08: *dual_mag_tab acc_liebflute_2
09: *dual_mag_tab acc_tib_m_2
10: *dual_mag_tab acc_piano_8
11: *dual_mag_tab acc_vibes_8
12: *dual_mag_tab acc_subharp_8
13: *dual_mag_tab acc_harp_4
14: *dual_mag_tab acc_chrys_4
15: *dual_mag_tab acc_oct_4
16: *dual_mag_tab acc_sol2acc_8
17: *dual_mag_tab grt_posthorn_16
18: *dual_mag_tab grt_tubamira_16
19: *dual_mag_tab grt_brtrum_16
20: *dual_mag_tab grt_trombone_16
21: *dual_mag_tab grt_trump_d_16

22: *dual_mag_tab grt_tubahorn_16
23: *dual_mag_tab grt_diapa_16
24: *dual_mag_tab grt_horndiap_16
25: *dual_mag_tab grt_tib_s_16
26: *dual_mag_tab grt_tib_m_16
27: *dual_mag_tab grt_clarinet_16
28: *dual_mag_tab grt_krumet_16
29: *dual_mag_tab grt_orchoboe_16
30: *dual_mag_tab grt_musette_16
31: *dual_mag_tab grt_sax_16
32: *dual_mag_tab grt_string_s_16
33: *dual_mag_tab grt_strings_16
34: *dual_mag_tab grt_oboehorn_16
35: *dual_mag_tab grt_quint_16
36: *dual_mag_tab grt_bourdon_16
37: *dual_mag_tab grt_vox_s_16
38: *dual_mag_tab grt_vox_m_16
39: *dual_mag_tab grt_posthorn_s_8
40: *dual_mag_tab grt_posthorn_8
41: *dual_mag_tab grt_tubamira_8
42: *dual_mag_tab grt_brtrum_8
43: *dual_mag_tab grt_frtrump_8
44: *dual_mag_tab grt_trump_d_8
45: *dual_mag_tab grt_tubahorn_8
46: *dual_mag_tab grt_diapa_8
47: *dual_mag_tab grt_horndiap_8
48: *dual_mag_tab grt_tib_s_8
49: *dual_mag_tab grt_tib_m_8
50: *dual_mag_tab grt_clarinet_8
51: *dual_mag_tab grt_krumet_8
52: *dual_mag_tab grt_kinura_8
53: *dual_mag_tab grt_orchoboe_8
54: *dual_mag_tab grt_musette_8
55: *dual_mag_tab grt_sax_8
56: *dual_mag_tab grt_orchstrgs_8
57: *dual_mag_tab grt_string_s_8
58: *dual_mag_tab grt_vdo_8
59: *dual_mag_tab grt_salic_8
60: *dual_mag_tab grt_frhorn_8
61: *dual_mag_tab grt_oboehorn_8
62: *dual_mag_tab grt_quint_8
63: *dual_mag_tab grt_liebflute_8
64: *dual_mag_tab grt_conflute_8

;input 3

*port 3

*hv64

01: *dual_mag_tab grt_vox_s_8
02: *dual_mag_tab grt_vox_m_8
03: *dual_mag_tab grt_dulc_8
04: *dual_mag_tab grt_tib_s_513

05: *dual_mag_tab grt_tib_m_513
06: *dual_mag_tab grt_diapa_4
07: *dual_mag_tab grt_tib_s_4
08: *dual_mag_tab grt_tib_m_4
09: *dual_mag_tab grt_string_s_4
10: *dual_mag_tab grt_vdo_4
11: *dual_mag_tab grt_salic_4
12: *dual_mag_tab grt_liebflute_4
13: *dual_mag_tab grt_conflute_4
14: *dual_mag_tab grt_dulcet_4
15: *dual_mag_tab grt_tib_m_315
16: *dual_mag_tab grt_tib_m_223
17: *dual_mag_tab grt_liebflute_223
18: *dual_mag_tab grt_tib_s_2
19: *dual_mag_tab grt_tib_m_2
20: *dual_mag_tab grt_vdo_2
21: *dual_mag_tab grt_liebflute_2
22: *dual_mag_tab grt_tib_m_135
23: *dual_mag_tab grt_tib_m_1
24: *dual_mag_tab grt_piano_16
25: *dual_mag_tab grt_piano_8
26: *dual_mag_tab grt_subharp_8
27: *dual_mag_tab grt_subxylo_8
28: *dual_mag_tab grt_subchrys_8
29: *dual_mag_tab grt_glock_2
30: *dual_mag_tab grt_sub_16
31: *dual_mag_tab grt_unioff_8
32: *dual_mag_tab grt_oct_4
33: *dual_mag_tab grt_sol2grt_16
34: *dual_mag_tab grt_sol2grt_8
35: *dual_mag_tab grt_sol2grtpizz_8
36: *dual_mag_tab grt_melody_8
37: *dual_mag_tab sol_posthorn_s_16
38: *dual_mag_tab sol_tubamira_16
39: *dual_mag_tab sol_posthorn_s_8
40: *dual_mag_tab sol_posthorn_8
41: *dual_mag_tab sol_tubamira_8
42: *dual_mag_tab sol_brtrum_8
43: *dual_mag_tab sol_frtrump_8
44: *dual_mag_tab sol_trump_d_8
45: *dual_mag_tab sol_tubahorn_8
46: *dual_mag_tab sol_diaph_8
47: *dual_mag_tab sol_diapa_8
48: *dual_mag_tab sol_horndiap_8
49: *dual_mag_tab sol_tib_s_8
50: *dual_mag_tab sol_tib_m_8
51: *dual_mag_tab sol_clarinet_8
52: *dual_mag_tab sol_krumet_8
53: *dual_mag_tab sol_kinura_8
54: *dual_mag_tab sol_orchoboe_8
55: *dual_mag_tab sol_musette_8
56: *dual_mag_tab sol_sax_8

57: *dual_mag_tab sol_gamba_8
58: *dual_mag_tab sol_strings_8
59: *dual_mag_tab sol_frhorn_8
60: *dual_mag_tab sol_oboehorn_8
61: *dual_mag_tab sol_quint_8
62: *dual_mag_tab sol_vox_s_8
63: *dual_mag_tab sol_vox_m_8
64: *dual_mag_tab sol_tib_s_4

;input 4

*hv64

01: *dual_mag_tab sol_tib_m_4
02: *dual_mag_tab sol_strings_4
03: *dual_mag_tab sol_gamba_4
04: *dual_mag_tab sol_harmflute_4
05: *dual_mag_tab sol_tib_s_223
06: *dual_mag_tab sol_tib_s_2
07: *dual_mag_tab sol_tib_m_2
08: *dual_mag_tab sol_tib_s_135
09: *dual_mag_tab sol_tib_s_113
10: *dual_mag_tab sol_tib_s_1
11: *dual_mag_tab sol_piano_8
12: *dual_mag_tab sol_vibes_8
13: *dual_mag_tab sol_subharp_8
14: *dual_mag_tab sol_xylo_4
15: *dual_mag_tab sol_chrys_4
16: *dual_mag_tab sol_orchbells_2
17: *dual_mag_tab sol_chimes_8
18: *dual_mag_tab sol_sub_16
19: *dual_mag_tab sol_unioff_8
20: *dual_mag_tab sol_oct_4
21: *dual_mag_tab sol_12th_223
22: *dual_mag_tab sol_superoct_2
23: *dual_mag_tab sol_17th_135
24: *dual_mag_tab sol_3rd_625
25: *dual_mag_tab sol_5th_513

;input 5 back plate

*port 4

*hv64

01: *dual_mag_tab sol_grt2sol_4
02: *dual_mag_tab sol_grt2sol_8
03: *dual_mag_tab grt_sostenuto
04: *dual_mag_tab grt2t_sol2grt2t_8
05: *dual_mag_tab grt2t_sol2grt2t_16
06: *dual_mag_tab acc2t_traps
07: *dual_mag_tab acc2t_tperc2acc2t
08: *dual_mag_tab acc2t_grt2acc2t_4
09: *dual_mag_tab acc2t_sol2acc2t_8

10: *dual_mag_tab acc2t_glock_2
11: *dual_mag_tab acc2t_chryssub_8
12: *dual_mag_tab acc2t_harpsub_8
13: *dual_mag_tab acc2t_piano_8
14: *dual_mag_tab acc2t_tib_m_4
15: *dual_mag_tab acc2t_clarinet_8
16: *dual_mag_tab acc2t_tib_m_8
17: *dual_mag_tab acc2t_diaph_8
18: *dual_mag_tab acc2t_tubahorn_8
19: *dual_mag_tab acc2t_trumpet_d_8
20: *dual_mag_tab acc2t_brasstrump_8
21: *dual_mag_tab acc2t_posthorn_8
22: *dual_mag_tab gen_tibens
23: *dual_mag_tab gen_alttibias
24: *dual_mag_tab gen_celesteon
25: *dual_mag_tab gen_stringsceloff
26: *dual_mag_tab gen_altpiano
27: *dual_mag_tab trem_vibes_chrys
28: *dual_mag_tab trem_tubamir
29: *dual_mag_tab trem_brasstrump
30: *dual_mag_tab trem_tubah
31: *dual_mag_tab trem_strings
32: *dual_mag_tab trem_clarinet
33: *dual_mag_tab trem_tibia_vox_sax
34: *dual_mag_tab trem_solo
35: *dual_mag_tab trem_main
36: *dual_mag_tab acc_woodblock
37: *dual_mag_tab acc_tambourine
38: *dual_mag_tab acc_castanets
39: *dual_mag_tab acc_cowbell
40: *dual_mag_tab acc_tomtom
41: *dual_mag_tab acc_hihat
42: *dual_mag_tab acc_jazzcymbal
43: *dual_mag_tab acc_brushcymbal
44: *dual_mag_tab acc_cymbal
45: *dual_mag_tab acc_rimshot
46: *dual_mag_tab acc_snaredrum
47: *dual_mag_tab ped_fingercymbal
48: *dual_mag_tab ped_triangle
49: *dual_mag_tab ped_jazzcymbal
50: *dual_mag_tab ped_brushcymbal
51: *dual_mag_tab ped_cymbal
52: *dual_mag_tab ped_bassdrum

;input 6 trash trays

*port 5

*input64

01: *alt_action_input gen_altviolins

02: *alt_action_input gen_violinens

03: *alt_action_input gen_altvoxes

04: *alt_action_input gen_voxens

05: *alt_action_input gen_horndiapcelon

06: *alt_action_input gen_quintacelon
07: *alt_action_input gen_conflucelon
08: *alt_action_input gen_sleighbells
09: *alt_action_input gen_swellmaster
10: *alt_action_input gen_blower
11: *alt_action_input gen_dampers
12: *input gen_reset
13: *input gen_cymbal
14: *input gen_gong
15: *alt_action_input gen_owenjones
16: *alt_action_input gen_1_sforzando
17: *piston trem_on
18: *piston trem_off
19: *alt_action_input gen_4_tremposthorn
20: *alt_action_input acc_5_orchstrgs_8
21: *alt_action_input ped_6_kettle
22: *alt_action_input ped_7_bassdrroll
23: *alt_action_input gen_8_xygloreit
24: *alt_action_input gen_9_harpreit
25: *input toestud_1_bells
26: *input toestud_2_boat
27: *input toestud_3_train
28: *input toestud_4_siren
29: *input toestud_5_ahooga
30: *input toestud_6_crash
31: *input toestud_toggle
32: *alt_action_input toestud_pianosus
33: *input toestud_cymroll

; pedalboard

;input 7

*port 6

*hv64

01: *division ped '16' 32

33: *piston solo_1

34: *piston solo_2

35: *piston solo_3

36: *piston solo_4

37: *piston solo_5

38: *piston solo_6

39: *piston solo_7

40: *piston solo_8

41: *piston solo_9

42: *piston solo_10

43: *piston solo_11

44: *piston solo_12

45: *piston solo_13

46: *piston solo_14

47: *piston solo_cancel

48: *piston acc_13

49: *piston accomp_cancel

```
;input 8
*port 7
*hv64
01: *piston gen_6
02: *piston gen_7
03: *piston gen_8
04: *piston gen_9
05: *piston gen_10
06: *piston great_pp
07: *piston great_p
08: *piston great_mf
09: *piston great_f
10: *piston great_ff
11: *piston great_1
12: *piston great_2
13: *piston great_3
14: *piston great_4
15: *piston great_5
16: *piston great_6
17: *piston great_7
18: *piston great_8
19: *piston great_9
20: *piston great_10
21: *piston great_11
22: *piston great_12
23: *piston great_13
24: *piston hwcancel_15
25: *piston great_cancel
26: *input gen_memminus
27: *input gen_memplus
28: *piston gen_1
29: *piston gen_2
30: *piston gen_3
31: *piston gen_4
32: *piston gen_5
33: *piston acc_pp
34: *piston acc_p
35: *piston acc_mf
36: *piston acc_f
37: *input gen_transminus
38: *piston acc_ff
39: *input gen_transplus
40: *input map_button
41: *input set_button
42: *piston gen_11
43: *piston gen_12
44: *piston gen_13
45: *piston gen_14
46: *piston gen_15
47: *piston solo_pp
48: *piston solo_p
49: *piston solo_mf
```

50: *piston solo_f
51: *piston solo_ff
52: *piston acc_1
53: *piston acc_2
54: *piston acc_3
55: *piston acc_4
56:
*piston acc_5
57: *piston acc_6
58: *piston acc_7
59: *piston acc_8
60: *piston acc_9
61: *piston acc_10
62: *piston acc_11
63: *piston acc_12
64: *cancel gen_cancel

;XX
; mag drivers
;XX
;mag 1
*eight_port 2
*port 1
*rank_driver
01: *mag_on_off ped_contrabom_32
03: *mag_on_off ped_contradiap_32
05: *mag_on_off ped_contraviol_32
07: *mag_on_off ped_contrabour_32
09: *mag_on_off ped_posthorn_16
11: *mag_on_off ped_bombarde_16
13: *mag_on_off ped_trombone_16
15: *mag_on_off ped_tubahorn_16
17: *mag_on_off ped_diaph_16
19: *mag_on_off ped_horndiap_16
21: *mag_on_off ped_tib_s_16
23: *mag_on_off ped_clarinet_16
25: *mag_on_off ped_violone_16
27: *mag_on_off ped_salic_16
29: *mag_on_off ped_bourdon_16
31: *mag_on_off ped_posthorn_s_8
33: *mag_on_off ped_posthorn_8
35: *mag_on_off ped_tubamira_8
37: *mag_on_off ped_frtrump_8
39: *mag_on_off ped_tubahorn_8
41: *mag_on_off ped_diapa_8
43: *mag_on_off ped_horndiap_8
45: *mag_on_off ped_tib_s_8
47: *mag_on_off ped_tibpizz_8
49: *mag_on_off ped_clarinet_8
51: *mag_on_off ped_gamba_8
53: *mag_on_off ped_salic_8

55: *mag_on_off ped_liebflute_8
57: *mag_on_off ped_conflute_8
59: *mag_on_off ped_piano_16
61: *mag_on_off ped_piano_8
63: *mag_on_off ped_acc2pedal_8
65: *mag_on_off ped_grt2pedal_8
67: *mag_on_off ped_grt2pedal_4
69: *mag_on_off ped_sol2pedal_8
71: *mag_on_off acc_posthorn_8
73: *mag_on_off acc_tubamira_8
75: *mag_on_off acc_brtrum_8
77: *mag_on_off acc_frtrump_8
79: *mag_on_off acc_trump_d_8
81: *mag_on_off acc_tubahorn_8
83: *mag_on_off acc_diaph_8
85: *mag_on_off acc_diapa_8
87: *mag_on_off acc_horndiap_8
89: *mag_on_off acc_tib_s_8
91: *mag_on_off acc_tib_m_8
93: *mag_on_off acc_clarinet_8
95: *mag_on_off acc_orchoboe_8

;mag 2

*port 2

*rank_driver

01: *mag_on_off acc_string_s_8
03: *mag_on_off acc_vdo_8
05: *mag_on_off acc_salic_8
07: *mag_on_off acc_frhorn_8
09: *mag_on_off acc_oboehorn_8
11: *mag_on_off acc_quint_8
13: *mag_on_off acc_liebflute_8
15: *mag_on_off acc_conflute_8
17: *mag_on_off acc_vox_s_8
19: *mag_on_off acc_vox_m_8
21: *mag_on_off acc_dolce_8
23: *mag_on_off acc_diapa_4
25: *mag_on_off acc_horndiap_4
27: *mag_on_off acc_tib_m_4
29: *mag_on_off acc_string_s_4
31: *mag_on_off acc_vdo_4
33: *mag_on_off acc_salic_4
35: *mag_on_off acc_liebflute_4
37: *mag_on_off acc_conflute_4
39: *mag_on_off acc_vox_m_4
41: *mag_on_off acc_dolce_4
43: *mag_on_off acc_liebflute_223
45: *mag_on_off acc_conflute_223
47: *mag_on_off acc_liebflute_2
49: *mag_on_off acc_tib_m_2
51: *mag_on_off acc_piano_8

53: *mag_on_off acc_vibes_8
55: *mag_on_off acc_subharp_8
57: *mag_on_off acc_harp_4
59: *mag_on_off acc_chrys_4
61: *mag_on_off acc_oct_4
63: *mag_on_off acc_sol2acc_8
65: *mag_on_off grt_posthorn_16
67: *mag_on_off grt_tubamira_16
69: *mag_on_off grt_brtrum_16
71: *mag_on_off grt_trombone_16
73: *mag_on_off grt_trump_d_16
75: *mag_on_off grt_tubahorn_16
77: *mag_on_off grt_diapa_16
79: *mag_on_off grt_horndiap_16
81: *mag_on_off grt_tib_s_16
83: *mag_on_off grt_tib_m_16
85: *mag_on_off grt_clarinet_16
87: *mag_on_off grt_krumet_16
89: *mag_on_off grt_orchoboe_16
91: *mag_on_off grt_musette_16
93: *mag_on_off grt_sax_16
95: *mag_on_off grt_string_s_16

;mag 3

*port 3

*rank_driver

01: *mag_on_off grt_strings_16
03: *mag_on_off grt_oboehorn_16
05: *mag_on_off grt_quint_16
07: *mag_on_off grt_bourdon_16
09: *mag_on_off grt_vox_s_16
11: *mag_on_off grt_vox_m_16
13: *mag_on_off grt_posthorn_s_8
15: *mag_on_off grt_posthorn_8
17: *mag_on_off grt_tubamira_8
19: *mag_on_off grt_brtrum_8
21: *mag_on_off grt_frtrump_8
23: *mag_on_off grt_trump_d_8
25: *mag_on_off grt_tubahorn_8
27: *mag_on_off grt_diapa_8
29: *mag_on_off grt_horndiap_8
31: *mag_on_off grt_tib_s_8
33: *mag_on_off grt_tib_m_8
35: *mag_on_off grt_clarinet_8
37: *mag_on_off grt_krumet_8
39: *mag_on_off grt_kinura_8
41: *mag_on_off grt_orchoboe_8
43: *mag_on_off grt_musette_8
45: *mag_on_off grt_sax_8
47: *mag_on_off grt_orchstrgs_8
49: *mag_on_off grt_string_s_8

51: *mag_on_off grt_vdo_8
53: *mag_on_off grt_salic_8
55: *mag_on_off grt_frhorn_8
57: *mag_on_off grt_oboehorn_8
59: *mag_on_off grt_quint_8
61: *mag_on_off grt_liebflute_8
63: *mag_on_off grt_conflute_8
65: *mag_on_off grt_vox_s_8
67: *mag_on_off grt_vox_m_8
69: *mag_on_off grt_dulc_8
71: *mag_on_off grt_tib_s_513
73: *mag_on_off grt_tib_m_513
75: *mag_on_off grt_diapa_4
77: *mag_on_off grt_tib_s_4
79: *mag_on_off grt_tib_m_4
81: *mag_on_off grt_string_s_4
83: *mag_on_off grt_vdo_4
85: *mag_on_off grt_salic_4
87: *mag_on_off grt_liebflute_4
89: *mag_on_off grt_conflute_4
91: *mag_on_off grt_dulcet_4
93: *mag_on_off grt_tib_m_315
95: *mag_on_off grt_tib_m_223

;mag 4

*port 4

*rank_driver

01: *mag_on_off grt_liebflute_223
03: *mag_on_off grt_tib_s_2
05: *mag_on_off grt_tib_m_2
07: *mag_on_off grt_vdo_2
09: *mag_on_off grt_liebflute_2
11: *mag_on_off grt_tib_m_135
13: *mag_on_off grt_tib_m_1
15: *mag_on_off grt_piano_16
17: *mag_on_off grt_piano_8
19: *mag_on_off grt_subharp_8
21: *mag_on_off grt_subxylo_8
23: *mag_on_off grt_subchrys_8
25: *mag_on_off grt_glock_2
27: *mag_on_off grt_sub_16
29: *mag_on_off grt_unioff_8
31: *mag_on_off grt_oct_4
33: *mag_on_off grt_sol2grt_16
35: *mag_on_off grt_sol2grt_8
37: *mag_on_off grt_sol2grtpizz_8
39: *mag_on_off grt_melody_8
41: *mag_on_off sol_posthorn_s_16
43: *mag_on_off sol_tubamira_16
45: *mag_on_off sol_posthorn_s_8
47: *mag_on_off sol_posthorn_8
49: *mag_on_off sol_tubamira_8

51: *mag_on_off sol_brtrum_8
53: *mag_on_off sol_frtrump_8
55: *mag_on_off sol_trump_d_8
57: *mag_on_off sol_tubahorn_8
59: *mag_on_off sol_diaph_8
61: *mag_on_off sol_diapa_8
63: *mag_on_off sol_horndiap_8
65: *mag_on_off sol_tib_s_8
67: *mag_on_off sol_tib_m_8
69: *mag_on_off sol_clarinet_8
71: *mag_on_off sol_krumet_8
73: *mag_on_off sol_kinura_8
75: *mag_on_off sol_orchoboe_8
77: *mag_on_off sol_musette_8
79: *mag_on_off sol_sax_8
81: *mag_on_off sol_gamba_8
83: *mag_on_off sol_strings_8
85: *mag_on_off sol_frhorn_8
87: *mag_on_off sol_oboehorn_8
89: *mag_on_off sol_quint_8
91: *mag_on_off sol_vox_s_8
93: *mag_on_off sol_vox_m_8
95: *mag_on_off sol_tib_s_4

;mag 5

*port 5

*rank_driver

01: *mag_on_off sol_tib_m_4
03: *mag_on_off sol_strings_4
05: *mag_on_off sol_gamba_4
07: *mag_on_off sol_harmflute_4
09: *mag_on_off sol_tib_s_223
11: *mag_on_off sol_tib_s_2
13: *mag_on_off sol_tib_m_2
15: *mag_on_off sol_tib_s_135
17: *mag_on_off sol_tib_s_113
19: *mag_on_off sol_tib_s_1
21: *mag_on_off sol_piano_8
23: *mag_on_off sol_vibes_8
25: *mag_on_off sol_subharp_8
27: *mag_on_off sol_xylo_4
29: *mag_on_off sol_chrys_4
31: *mag_on_off sol_orchbells_2
33: *mag_on_off sol_chimes_8
35: *mag_on_off sol_sub_16
37: *mag_on_off sol_unioff_8
39: *mag_on_off sol_oct_4
41: *mag_on_off sol_12th_223
43: *mag_on_off sol_superoct_2
45: *mag_on_off sol_17th_135
47: *mag_on_off sol_3rd_625
49: *mag_on_off sol_5th_513


```
;mag 6
*port 6
*rank_driver
01: *mag_on_off trem_vibes_chrys
03: *mag_on_off trem_tubamir
05: *mag_on_off trem_brasstrump
07: *mag_on_off trem_tubah
09: *mag_on_off trem_strings
11: *mag_on_off trem_clarinet
13: *mag_on_off trem_tibia_vox_sax
15: *mag_on_off trem_solo
17: *mag_on_off trem_main
19: *mag_on_off acc_woodblock
21: *mag_on_off acc_tambourine
23: *mag_on_off acc_castanets
25: *mag_on_off acc_cowbell
27: *mag_on_off acc_tomtom
29: *mag_on_off acc_hihat
31: *mag_on_off acc_jazzcymbal
33: *mag_on_off acc_brushcymbal
35: *mag_on_off acc_cymbal
37: *mag_on_off acc_rimshot
39: *mag_on_off acc_snaredrum
41: *mag_on_off ped_fingercymbal
43: *mag_on_off ped_triangle
45: *mag_on_off ped_jazzcymbal
47: *mag_on_off ped_brushcymbal
49: *mag_on_off ped_cymbal
51: *mag_on_off ped_bassdrum
```

```
;mag 7
*port 7
*rank_driver
01: *mag_on_off sol_grt2sol_4
03: *mag_on_off sol_grt2sol_8
05: *mag_on_off grt_sostenuto
07: *mag_on_off grt2t_sol2grt2t_8
09: *mag_on_off grt2t_sol2grt2t_16
11: *mag_on_off acc2t_traps
13: *mag_on_off acc2t_grt2acc2t_4

15: *mag_on_off acc2t_sol2acc2t_8
17: *mag_on_off acc2t_glock_2
19: *mag_on_off acc2t_chryssub_8
21: *mag_on_off acc2t_harpsub_8
23: *mag_on_off acc2t_piano_8
25: *mag_on_off acc2t_tib_m_4
27: *mag_on_off acc2t_clarinet_8
29: *mag_on_off acc2t_tib_m_8
```

31: *mag_on_off acc2t_diaph_8
33: *mag_on_off acc2t_tubahorn_8
35: *mag_on_off acc2t_trumpet_d_8
37: *mag_on_off acc2t_brasstrump_8
39: *mag_on_off acc2t_posthorn_8
41: *mag_on_off acc2t_tperc2acc2t
43: *mag_on_off gen_tibens
45: *mag_on_off gen_alttibias
47: *mag_on_off gen_celesteon
49: *mag_on_off gen_stringsceloff
51: *mag_on_off gen_altpiano

;XX

; keyboards

;XX

*eight_port 3

*port 1

*hv64

01: *division sol '8' 61

*hv64

01: *division grt '8' 61

*port 2

*hv64

01: *division acc '8' 61

*port 3

*hv64

01: *division acc2t '8' 61

*hv64

01: *division grt2t '8' 61

*port 4

*rank_driver

01: *rank orchbells 61 ; *bits=1,61

;XX

; midi output declarations

;XX

*midi_port 8

*midi_out

c16c7 hw4_volume

c8c7 mainswell

c9c7 soloswell

c10c2

crescendo

c11n1

ped_contrabom_32 ped_contradiap_32 ped_contraviol_32 ped_contrabour_32

ped_posthorn_16 ped_bombarde_16 ped_trombone_16 ped_tubahorn_16

ped_diaph_16 ped_horndiap_16 ped_tib_s_16 ped_clarinet_16

ped_violone_16 ped_salic_16 ped_bourdon_16 ped_posthorn_s_8

ped_posthorn_8 ped_tubamira_8 ped_frtrump_8 ped_tubahorn_8

ped_diapa_8 ped_horndiap_8 ped_tib_s_8 ped_tibpizz_8
ped_clarinet_8 ped_gamba_8 ped_salic_8 ped_liebflute_8
ped_conflute_8 ped_piano_16 ped_piano_8 ped_acc2pedal_8
ped_grt2pedal_8 ped_grt2pedal_4 ped_sol2pedal_8 acc_posthorn_8
acc_tubamira_8 acc_brtrum_8 acc_frtrump_8 acc_trump_d_8
acc_tubahorn_8 acc_diaph_8 acc_diapa_8 acc_horndiap_8
acc_tib_s_8 acc_tib_m_8 acc_clarinet_8 acc_orchoboe_8
acc_string_s_8 acc_vdo_8 acc_salic_8 acc_frhorn_8
acc_oboehorn_8 acc_quint_8 acc_liebflute_8 acc_conflute_8
acc_vox_s_8 acc_vox_m_8 acc_dolce_8 acc_diapa_4
acc_horndiap_4 acc_tib_m_4 acc_string_s_4 acc_vdo_4
acc_salic_4 acc_liebflute_4 acc_conflute_4 acc_vox_m_4
acc_dolce_4 acc_liebflute_223 acc_conflute_223 acc_liebflute_2
acc_tib_m_2 acc_piano_8 acc_vibes_8 acc_subharp_8
acc_harp_4 acc_chrys_4 acc_oct_4 acc_sol2acc_8
grt_posthorn_16 grt_tubamira_16 grt_brtrum_16 grt_trombone_16
grt_trump_d_16 grt_tubahorn_16 grt_diapa_16 grt_horndiap_16
grt_tib_s_16 grt_tib_m_16 grt_clarinet_16 grt_krumet_16
grt_orchoboe_16 grt_musette_16 grt_sax_16 grt_string_s_16
grt_strings_16 grt_oboehorn_16 grt_quint_16 grt_bourdon_16
grt_vox_s_16 grt_vox_m_16 grt_posthorn_s_8 grt_posthorn_8
grt_tubamira_8 grt_brtrum_8 grt_frtrump_8 grt_trump_d_8
grt_tubahorn_8 grt_diapa_8 grt_horndiap_8 grt_tib_s_8
grt_tib_m_8 grt_clarinet_8 grt_krumet_8 grt_kinura_8
grt_orchoboe_8 grt_musette_8 gen_cymbal gen_owenjones
gen_1_sforzando gen_4_tremposthorn acc_5_orchstrgs_8 ped_6_kettle
ped_7_bassdrroll

c12n1

grt_sax_8 grt_orchstrgs_8 grt_string_s_8 grt_vdo_8
grt_salic_8 grt_frhorn_8 grt_oboehorn_8 grt_quint_8
grt_liebflute_8 grt_conflute_8 grt_vox_s_8 grt_vox_m_8
grt_dulc_8 grt_tib_s_513 grt_tib_m_513 grt_diapa_4
grt_tib_s_4 grt_tib_m_4 grt_string_s_4 grt_vdo_4
grt_salic_4 grt_liebflute_4 grt_conflute_4 grt_dulcet_4
grt_tib_m_315 grt_tib_m_223 grt_liebflute_223 grt_tib_m_2
grt_tib_s_2 grt_vdo_2 grt_liebflute_2 grt_tib_m_135
grt_tib_m_1 grt_piano_16 grt_piano_8 grt_subharp_8
grt_subxylo_8 grt_subchrys_8 grt_glock_2 grt_sub_16
grt_unioff_8 grt_oct_4 grt_sol2grt_16 grt_sol2grt_8
grt_sol2grtpizz_8 grt_melody_8 sol_posthorn_s_16 sol_tubamira_16
sol_posthorn_s_8 sol_posthorn_8 sol_tubamira_8 sol_brtrum_8

sol_frtrump_8 sol_trump_d_8 sol_tubahorn_8 sol_diaph_8
sol_diapa_8 sol_horndiap_8 sol_tib_s_8 sol_tib_m_8
sol_clarinet_8 sol_krumet_8 sol_kinura_8 sol_orchoboe_8
sol_musette_8 sol_sax_8 sol_gamba_8 sol_strings_8

sol_frhorn_8 sol_oboehorn_8 sol_quint_8 sol_vox_s_8
sol_vox_m_8 sol_tib_s_4 sol_tib_m_4 sol_strings_4

sol_gamba_4	sol_harmflute_4	sol_tib_s_223	sol_tib_s_2
sol_tib_m_2	sol_tib_s_135	sol_tib_s_113	sol_tib_s_1
sol_piano_8	sol_vibes_8	sol_subharp_8	sol_xylo_4
sol_chrys_4	sol_orchbells_2	sol_chimes_8	sol_sub_16
sol_unioff_8	sol_oct_4	sol_12th_223	sol_superoct_2
sol_17th_135	sol_3rd_625	sol_5th_513	gen_altpiano
gen_stringsceloff	gen_celesteon	gen_alttibias	gen_tibens
acc2t_posthorn_8	acc2t_brasstrump_8	acc2t_trumpet_d_8	acc2t_tubahorn_8
acc2t_diaph_8	acc2t_tib_m_8	acc2t_clarinet_8	acc2t_tib_m_4
acc2t_piano_8	acc2t_harpsub_8	acc2t_chryssub_8	acc2t_glock_2
acc2t_sol2acc2t_8	acc2t_grt2acc2t_4	acc2t_tperc2acc2t	acc2t_traps
grt2t_sol2grt2t_16	grt2t_sol2grt2t_8	gen_dampers	gen_8_xygloreit
gen_9_harpreit	gen_gong		

c13n1

grt_sostenuto	sol_grt2sol_8	sol_grt2sol_4	ped_bassdrum
ped_cymbal	ped_brushcymbal	ped_jazzcymbal	ped_triangle
ped_fingercymbal	acc_snaredrum	acc_rimshot	acc_cymbal
acc_brushcymbal	acc_jazzcymbal	acc_hihat	acc_tomtom
acc_cowbell	acc_castanets	acc_tambourine	acc_woodblock
trem_main	trem_solo	trem_tibia_vox_sax	trem_clarinet
trem_strings	trem_tubah	trem_brasstrump	trem_tubamir
trem_vibes_chrys	gen_1	gen_2	gen_3
gen_4	gen_5	gen_6	gen_7
gen_8	gen_9	gen_10	gen_11
gen_12	gen_13	gen_14	gen_15
great_pp	great_p	great_mf	great_f
great_ff	great_1	great_2	great_3
great_4	great_5	great_6	great_7
great_8	great_9	great_10	great_11
great_12	great_13	hwcancel_15	acc_pp
acc_p	acc_mf	acc_f	acc_ff
acc_1	acc_2	acc_3	acc_4
acc_5	acc_6	acc_7	acc_8
acc_9	acc_10	acc_11	acc_12
acc_13	set_button	solo_pp	solo_p
solo_mf	solo_f	solo_ff	solo_1
solo_2	solo_3	solo_4	solo_5
solo_6	solo_7	solo_8	solo_9
solo_10	solo_11	solo_12	solo_13
solo_14	toestud_1_bells	toestud_2_boat	toestud_3_train
toestud_4_siren	toestud_5_ahooga	toestud_6_crash	toestud_toggle
toestud_pianosus	toestud_cymroll	gen_altviolins	gen_violinens
gen_altvoxes	gen_voxens	gen_horndiapcelon	gen_quintacelon
gen_conflucelon	gen_sleighbells	gen_swellmaster	gen_blower

c12c17

transpose

```
*midi_div_out (1) ped c1n36 '8'  
*midi_div_out (1) acc c2n36 '8'  
*midi_div_out (1) grt c3n36 '8'  
*midi_div_out (1) sol c4n36 '8'  
*midi_div_out (1) acc2t c5n36 '8'  
*midi_div_out (1) grt2t c6n36 '8'
```

```
.*****  
,  
; inc_dec  
.*****  
,  
*increment_decrement memory gen_memplus gen_memminus 0 23 *wrap  
*increment_decrement transpose gen_transplus gen_transminus -5 6 *wrap  
;XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
; combination action  
;XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
*combination_action set_button map_button 24 memory  
} ; end of computer definition  
; adjust mag time pulse.  
*mag_pulse_time 300  
*midi_reset gen_cancel  
;internal couplers no tabs  
*coupler (1) sol to sol 0  
*coupler (1) grt to grt 0  
*coupler (1) grt2t to grt2t 0  
*coupler (1) acc to acc 0  
*coupler (1) acc2t to acc2t 0  
*coupler (1) ped to ped 0  
  
; couplers  
*coupler (acc_sol2acc_8) sol to acc 0  
*coupler (sol_12th_223) sol to sol 19  
*coupler (sol_superoct_2) sol to sol 24  
*coupler (sol_17th_135) sol to sol 28  
;*coupler (sol_3rd_625) sol to sol 5  
;*coupler (sol_5th_513) sol to sol 7  
  
*transpose transpose  
  
*stop (sol_orchbells_2) sol orchbells'8'  
*stop (grt_glock_2) grt orchbells '8'  
*end
```