

1. FPD97, ěŠT—v

2. ‘€□□à-¾

3. MIDI—p, ì<È, ð•, «•û

fTf□□[fg, u, Ä, ç, éMIDI fCxf“fg

4. □ì<È, ì, u, ©, ½

MML, ì•¶-@

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ŠyŠí%o¹□F’î%ož•\

5. ‘~□ìŽÒ

fTf□□[fg□æ

6. □Ä”z•z, É, Â, ç, Ä

FPD97, ĭŠT—v

□@FPD97, ĭMIDI%¹CE¹, ^{a-3}, Ä, àMIDI%¹CE¹, ĭ'ä, í, è, ð, µ, Ä, , è, éf^{ft}fg, Ä, □D
 □@CEvŽZ<@ "à' , ĭPCM%¹CE¹, ðŽg, Á, Ä□¹½□d~a%¹, É, æ, éfŠfAf<f^fCfE%
 %^o't, ðŽÀCE», µ□CGM/GS<KŠi, É'ĭ%^ož, µ, ½MIDIftf@fCf<, ð%^o%^o't, , é, ±
 ,Æ, ^a, Ä, «, Ü, □D, Ü, ½□CMML<L□q, É, æ, é□ĭ<È, ð□s, x, ±, Æ, à%^oÄ"\
 , Ä, □D, ³, ç, É□CWindowsfTfEf"fhftf@fCf<, ĭWAVftf@fCf<, Ö, ĭ•İŠ, àfTf|
 □[fg, µ, Ä, " , è, Ü, □D

“Ä’Ÿ

□EPCM, ĭ%¹□ff□[f^ , ĭf<□[fv, ð, Æ, Ä, ÄŽg—p, µ, Ü, □D, ±, è, É, æ, è□C□, È, çff□[f^—
 È, Ä⁻³CEÄ' , ĭ"□^o, ^a%^oÄ"\
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 g, Ä□Ä□Ÿ, µ, Ä, à□C%¹'ö, ^aŸ, ĭ, È, ç, æ, x, É•İŠ, ³, è, Ü, □D, Ü, ½□C, ±, ĭ<@"\
 , É, æ, é'—“x'á%^o, à, Ü, Æ, ñ, ç, , è, Ü, ¹, ñ□D, » , ĭ, ½, ßŠe□ĭ, ĭf□f, fŠ, âCPU, ĭ□«"\
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 ±, Æ, ^a, Ä, «, Ü, □D
 □ESMF(•W□€MIDIftf@fCf<), ðFPD97—p, ĭ%^o%^o'tftf@fCf<, É•İŠ, µ, Ä'® , , ±
 , Æ, ^a, Ä, «, Ü, □DMIDI, Ä□Ä□Ÿ, , é□ê□Ÿ, æ, è%¹Ž:“™ , ^a—Ž, ĭ, é, ĭ, ĭŽd•û, ^a, É, ç
 , É, µ, Ä, à□C—{‘ĭ“à' , ĭPCM, ³/₄, , ÄMIDI, ĭ<È, ^a® , , é, ±, Æ, É, È, è, Ü, □D
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 , Æ, Ä, □D, ½, ³/₄, µ□C, ±, è, ĭ, ±, ĭfhf%^ofCfo, ĭ□«Ž□ĭã, â, p, ð“³/₄, È, ç, ±, Æ, Ä, ĭ, , è, Ü, □D'
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□@[SAMPLE] ftf“fvf<
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 [KORG] (Š“)KORG, æ, è, ²'ñ<Ÿ, ĭfTf“fvf<
 [PCM97] %¹□F“gCE` , ĭPCMff□[f^ , ^a“ü, Ä, Ä, ç, Ü, □D
 [PCM95] FPD95, Æ%¹□F, ĭCEŸŠ, □« , ð•Ü, Ä, ½, ß, ĭPCMff□[f^

•Ö— , ÈŽg, ç•û

□@FPD97, É, ĭfhf%^ofbfO□•fhf□fbfv<@" , ^a“ö, ĭ, Ä, Ä, ç, Ü, □D
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fhf%ofbfO • fhf fbfv (drag-drop)

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FUNCTION	Žó□M	”õ□l
BASIC CHANNEL	1□`16	
MODE	OMNI OFF,POLY	
NOTE NUMBER	12□`107	1□`11,108□`127,à^ê%ož%oÂ”\
VELOCITY NOTE ON	□> 9n,V=1□`127	
NOTE OFF	□~	
AFTER TOUCH	□~	
PITCH BENDER	□>	Default Range 2
CONTROL CHANGE 1	□>	Pitch Modulation
6	□>	Data Entry (MSB) □ 1
7	□>	VOLUME
10	□>	PANPOT
11	□>	EXPRESSION
98	□>	NRPN (LSB)
99	□>	NRPN (MSB)
100	□>	RPN (LSB)
101	□>	RPN (MSB)
PROGRAM CHANGE	□> 0□`127	Ch.10,í0,25,É'î%ož 0=STANDARD Set 25=ANALOG Set
EXCLUSIVE	□>	Roland ID □ 2
COMMON(SONG,TUNE)	□~	
REALTIME(CLOCK,COMMAND)	□~	

□>□F, ,è
□~□F,É,μ

□|1 Pitch bend sesitivity when LSB=0 and MSB=0
□|2 Only GS Model is Supported in "USE FOR RHYTHM PART"

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□E- {f\ftfgfEjFfA,É“~□«,³,ê,Ä,ϕ,éPCM‰¹□F”gCE`ff□[f^ ,í□CŠ”Ž®
‰ižĐKORG,Æ,ìf‰ofCfZf“fXCE_ -ñ,ÉŠî,Ä,ϕ,ÄŽg—p,μ,Ä,ϕ,é,à,ì,Ä,·□B-³'f— —
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fTf|[]fg

@fTf|[]fg,í“dŽqf[]f<,ÅŽó,¯•t,¯,Ä,¨,è,Ü,·[]B
fpd97@platz.or.jp

,Ü,½[]A'Ê[]M,ª,Å,«,È,ç•û,Å[]C,Ç,κ,μ,Ä,à•K—v,È[]ê[]‡,Í%º<L[]Z[]Š,Ü,Å,²~A—[],-
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(TEL 03-5685-7181)

FPD97,lfz[]f€fy[]fW

<http://www.platz.or.jp/~fpd97>

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%o'tfp□[fg,í□u□”Žš(0~3)□{□%opŽš(A~P)□v,Æ,ç,αCE`Ž® ,Á□A,»,ì'¼,ì<@”\ ,ðŽ□,Áfp□[fg,í%opŽš,ì,Ý,Á•\L,μ,Ü,·□B□æ“ª,É□u0A□v,Æ, ,è,í,»,ì□s,í□u0Afp□[fg□v□A,s,Æ, ,è,í□u,sfp□[fg□v,Æ,ç,Á,½Š´,¶,Á,·□B

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0Pfp□[fg ---- f`fff“flf<16,ì%o%o't“à—e

1Afp□[fg ---- f`fff“flf<17,ì%o%o't“à—e

1Bfp□[fg ---- f`fff“flf<18,ì%o%o't“à—e
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3Pfp□[fg ---- f`fff“flf<64,ì%o%o't“à—e

,sfp□[fg ---- ‘S%o¹•,’,·,Æ□%oŠúfef“fl,ð□éCE¾

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—á□j

0A c2d4e4 >c8c8

0B c2d4e4 >c8c8

0A0B c2d4e4 >c8c8

□@□ã,ì,Q,Â,í□A'S,“^,¶^Ó—j,ð, ,ç,í,μ,Ü,·□B

—á□j

1C c8d8e8f8

2E c8d8e8d8

1C2E c8d8e8

1C f8

2E d8

□@,±,ì,Q,Â,à□A'S,"^,¶^Ó-ì,É,È,è,Ü,·□B

□@,Ü,½□AŽš□",đ□,È,,·,é·\<L,ªŠô,Â,©—p^Ó,³,ê,Ä,ç,Ü,·□B^È%°º,É-}—
á,đŽ!,μ,Ü,·□B

1A1B1C =□@1[ABC]

1A2A = 12A

1A2A1B2B = 12[AB]

□@□Hfp□[fg,í□A□u0A~0P<y,Ñ□A1A~3P,ì,α,ζ,»,"^È'O,ÉŽg—p,³,ê,½,±,Æ,ì, ,éfp□
[fg□v,Æ,ç,α,±,Æ,Å,·□B"]'²,ìŽw'è,â□",É,æ,é%°°°°'tfXfCfbf` ,È,Ç□A'S%°°
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(n:1~127,□É—ªžž,í,P)

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E AL,AR,DR,SL,DRB,SLB,SR,RR,TL,MR

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AL (Attack Level) 0~127

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AR (Attack Rate) 0~95

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DR (Decay Rate 1) 0~95

SL (Sustain Level 1) -127~127

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DRB (Decay Rate 2) 0~95

SLB (Sustain Level 2) -127~+127

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SR (Sustain Rate) 0~95

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RR (Release Rate) 0~95

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TL (Total Level) 0~127

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MR (Moving Rate) 0~12

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,±,lfhf%ofCfo,Â,í□A%o¹□Fff□[f^ - ^,É□Â□,,SŽí—
p,lfGf“fx□□□[fv,□Ý'è,μ,Ä, ,è,Û,·□B,±,ì-½—β,É,æ,Á,Ä□AfGf“fx□□□[fv,ì,α
,ç,ê,©,ð'l,ñ,Â□Ý'è,·,é,±,Æ,^a□o—^,Û,·□BŠ®‘S,ÉŽv,ç'É,è,ì□É`□ó,í,É,-
,Ä,à□A□ä,ì,d-½—β,æ,è,í,í,é,©,ÉŠÈ'P,ÉŽg,ì,Û,·□B
,É,“□A%o¹□F,É,æ,Á,Ä,í,Q□` ,RŽí—p,μ,©□€”ð,μ,Ä,ç,È,ç,±,Æ,^a ,è,Û,·□B-
ç□Ý'è,ì”Ô□t,^aŽw'è,³,é,½Žž,í□AfGf“fx□□□[fv,ì•ï□X,ð□s,ç,Û,¹,ñ□B
,Ž,ð□È—^a,μ,½□è□t,í□A,O□` ,R,ì,α,ç□AffftfHf<fg”Ô□t□i
%o¹□F•ï□X,ìŽž,É'í,í,é,é□j,ðŽw'è,μ,½,±,Æ,É,È,è,Û,·□B

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□” ,emode,iv,l1,v1,l2,v2,¥¥,ln,vn,¥¥□@□il8,v8,Û,ÂŽw'è%oÂ”\□j□@%o¹
—É□,,^Ú,ð□Ý'è

(mode:1~3,iv:-63~63,ln:%o¹'·Žw'è,Æ“~ ,¶,vn:-63~+63)

□” ,e,O %o¹—É□,,^Ú,ð'áŽ~

□@%o¹—É□,,^Ú,ð□Ý'è,μ,Û,·□B
□@,±,ê,í□A,P,Â,ì%o¹•,,“à,Â%o¹—É,ð□ã%o⁰,·,é,½,β,ì-½—β,Â□AfGf“fx□□□[fv,ì—pŽ
—<@“\,Æ%o⁰ðŽž,μ,Ä-á,ì,ê,í,ç,ç,ÆŽv,ç,Û,·□B,½,¾□A,±,ç,ç,í□îŠ´,ð•\Æ» ,μ,â,·,ç
,æ,α,É□ì,Á,Ä, ,è,Û,·□B
□@-½—β,ìŠî- {“l,É□l,ì•û,í□u,Ž•^a%o¹•,,,¾, -,ìŽžŠÔ,ð,©, -,Ä%o¹—É,ð,-□ã,°□i
%o⁰,°□j,é□v,Æ,ç,α□§□Eä,ð~A'±□i□Á'â,W□EÄ,Û,Â□j,μ,Ä□Ý'è,μ,Û,·□Bf|f<f^f□f“fg,ì
%o¹—É”Â,Æ,à□E¾,ì,é,©,à'm,ê,Û,¹,ñ□B

□@Šefpf%oof□□[f^,î^Ó-î,ð□à-¾,μ,Û,·□B

mode:□,,^Úf,□[fh,ì□Ý'è

□@□Emode=1,È,çŽŸ,ì,P%o¹,¾, -,É□,,^Ú,ª,©,©,è,Û,·□B,±,ì□ê□‡,í,»,ì,P

%o¹,ªfL□[flft,μ,½ŽŽ“_ ,ĂŽ©“®“l,É□,,^Ú-½-β,í-³CEø,É,È,è,Û,·□B

□@□Emode=2,È,çfL□[flf“-^,É“- ,¶□,,^Úf^□[f“ ,ª,©,©,è,Û,·□B,±,ì□ê□‡,í□A□,,^Ú-½-β,ðŽ~ ,β,éŽž,ÉF0,ĂŽ~ ,β,é•K-v,ª ,è,Û,·□B

□@□Emode=3,È,çfL□[flft□AfL□[flf“ ,ð-³Ž<,μ,Ă□,,^Ú,ðCEp'±,μ,Û,·□BŽw'è,³,è,½%o¹-Ê□,,^Ú,ª□l-¹,·,è,î□AŽŸ,lfL□[flf“ ,©,ç□,,^Ú-½-β,ª-³CEø,É,È,è,Û,·□B

iv:□%oŠú%o¹-Ê□i□ãCEü,«,ª□³□j

□@□@fGf“fxf□□[fv,Æ□³•%o,ª<t,È,ì,Ă'□^Ó,μ,Ă%oº,³,ç□B

□@□@

ln,vn:Ž”Ô-Ú,ì%o¹',^Ú“®%o¹-Ê

□@,±,ì,Q,Ă,í□u,CEª%o¹•,,,ì',³,Ă,-,¾,-%o¹-Ê,ð□ã,°,é□v,Æ,ç,π^Ó-

î,Ă,·□B,Q,ĂfyfA,Ă,P,Ă,ì□§CEä,É,È,è,Û,·□B□i□Ă'ă,W%oñ,ì□§CEä,ª□o-^,Û,·□j

□@ln,í□A%o¹',Ă,·□B%o¹•,,P^Ê,ĂŽw'è,μ,Û,·□B•,,“_ ,È,Ç,àŽg-p□o-

^,Û,·□Bvn,í□Aln,ĂŽw'è,μ,½%o¹'•ŠÔ,É'□%oĂ,·,é%o¹-Ê,Ă,·□Bf}fCfifX,É,·,è,î%o¹-Ê,íCE□,μ,Û,·□B

□@-á,ðŽì,μ,Û,·□B

□@□@F1,-3,2,-2,4,0,2,2

□@□@□@□@□@□@~~~~ ~~~ ~~~

ŽŸ,ì,P%o¹,¾, -,Ö,ìŽw'è,Ă,·□B'Ê□í%o¹-

È,æ,è,R□- ,³,ç□ó'Ô,ĂfL□[flf“ ,μ□A,»,ìCEä,Q•ª%o¹•,,,ìŽžŠÔ,ð,©, -,Ă%o¹-Ê,ª,Q

%oº,ª,è,Û,·□B,»,ìCEä,S•ª%o¹•,,,ìŠÔ%o¹-Ê,í•î%o»,¹, ,□A,»,ìCEä,Q•ª

%o¹•,,,ìŽžŠÔ,ð,©, -,Ă%o¹-Ê,ª,Q□ã,ª,è,Û,·□B

”g□ü,Ă,Û,Æ,β,Ă, ,é,ì,ª□A,P%oñ,ì□§CEä,Ă,·□B,±,ì□ê□‡,í,R%oñ,ì□§CEä,ð□s,È,Ă,Ă,ç

,Û,·,ª□A,±,è,ª□A'ă,W%oñ,Û,ĂŽw'è□o-^,é,í, -,Ă,·□B,È,“□A”%o¹'t,É,±

,lfRf}f“fh,É,æ,é□§CEä,ª□l,Ă,½□ê□‡,í□AfL□[flft,Û,Ă,»,ì,Û,Û,ì%o¹-Ê,ª'±,«,Û,·□B

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□” , ,Ž fGf“fxf□□[fv,lfAf^fbfN'²□®

(n:32~127)

fGf“fxf□□[fv,lfAf^fbfN•”,í□A'Ê□í,í127,Û,Ă□ã□, ,μ,Û,·,ª□A,±

,lfRf}f“fh,Ă,»,ì□ãCEÀ,ðŽw'è,·,é,±

,Æ,ª,Ă,«,Û,·□BAL,æ,è,à'á,ç□''l,ðŽw'è,μ,½□ê□‡,í□A,±,ì,ç,ª-D□æ,Æ,È,è,Û,·□B

,±,lfRf}f“fh,ĂfAf^fbfN,ð-},l,Ă,“, -,î□AfffBfPfC•”,Ă□X,É%o¹-Ê,ð□ã,°,é,±,Æ,ª

/ * , Æ * / , É < ² , Ü , ê , ½ • " • ¢ , ð ' □ Ž ß , Æ , Ý , È , µ , Ü , · □ B ' □ Ž ß • ¶ ' t , É % ü □ s , ¢ , , Á , Ä , à □ A * /
 , ð Æ © , Â , ¯ , é , Ü , Á ' □ Ž ß , ¢ ± , « , Ü , · □ B * /
 , ¢ □ Ä Æ ä , Ü , Á Æ © , Â , © , ç , È , ¯ , ê , Í □ A , » , ì f p □ [f g , Í , » , ± , Á ' Á , ¿ □ Ø , è , Ü , · , Ì , Á □ A / *
 , ¾ , ¯ , ð Ž g , Í , Í □ A □ u , » , ì f p □ [f g , ì f R f " f p f C f < , ð □ I — ¹ □ v , Æ , ç , x Ž g , ç • ù , à □ o — ^ , Ü , · □ B

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□ " , — '¼ f fff " f l f < , © , ç , Ì " ~ Š ú □ M □ t , ð ' Ò , Á
□ " , " '¼ f fff " f l f < , É " ~ Š ú □ M □ t , ð ' — , é
□ i , " , ì f " fff " f l f < Ž w ' è • ù - @ , Í % ° — " , Á □ à - ¾ □ j

, — f R f } f " f h , Æ , " f R f } f " f h , Í □ A ' Í , É , µ , Ä Ž g , Í , ê , Ü , · □ B
 , Ü , · □ A , , é f p □ [f g , Á , — f R f } f " f h , ¢ , , é , Æ □ A , » , Ì Ž Ž " _ , Á , » , ì f p □ [f g , Ì %
 % ° ' t , ð ^ ê Ž Ž ' á Ž ~ , µ , Ü , · □ B , » , µ , Á □ A ' ¼ , ì f " fff " f l f < , © , ç , " f R f } f " f h , É , æ , Á , Ä □ ± □ } , ¢ —
 , ç , ê , Ä — ^ , ½ , È , ç □ A % ° % ° ' t , ð □ Ä Š j , µ , Ü , · □ B , ± , Ì @ " \ , Ì Ž á , È Ž g , ç , Ý , ¿ , Á , · , ¢ □ A — á , Í , Í

A l8 [a>a<]4 [d>d<]4 [g>g<]4 [c>c<]4 [f>f<]4
B [r1]4 a4b8>c8c4<a8>c8....

, Ì , æ , x , È % ° % ° ' t , ð , ³ , ¹ , ½ , ç , Æ , µ , Ü , · □ B , ± , ê , Í □ A , ` f p □ [f g , ¢ [f > f <] 4 , ð %
 % ° ' t , · , é , Æ " ~ Ž Ž , É □ A , a f p □ [f g , Ì a 4 b 8 > ... , ð % ° % ° ' t , ³ , ¹ , ½ , ç • \ < L , Á , · , ¢ □ A , ±
 , Ì Ž Ž , É , ` f p □ [f g , Ì % ° % ° ' t , ¢ [f > f <] 4 , Ì
 % ° Ó □ Š , É □ i , p , Ü , Á □ A , a f p □ [f g , Í < x • " , , ð " ü , ê , Ä ' Ò , ½ , È , ¯ , ê , Í , È , è , Ü , ¹ , ñ □ B , ± , Ì —
 á , Á , Í [r 1] 4 , Á , · , ñ , Á , ç , Ü , · , ¢ □ A ' · , ç < È , É , È , é , Æ " ü , ê , é < x • " , , Ì ' , ³ , ð , © , ¼ , Ì , é , ¾ , ¯ , Á - Ê " |
 , É , È , Á , Ä , « , Ü , · □ B
 , » , ± , Á □ A , ± , Ì " ~ Š ú f R f } f " f h , ¢ — L Æ Ø , É , È , Á , Ä , « , Ü , · □ B

A l8 [a>a<]4 [d>d<]4 [g>g<]4 [c>c<]4 sB [f>f<]4
B w a4b8>c8.....

, ± , ê , Á □ A □ ä , Æ " ~ , ¶ % ° % ° ' t , É , È , è , Ü , · □ B
 , a f p □ [f g , Í , — f R f } f " f h , ¢ , , è , Ü , · , Ì , Á □ A □ Á % ° , É " ~ Š ú ' Ò , ¿ □ ó ' Ô , É , È , è , Ü , · □ B , ` f p □ [f g , Ì
 % ° % ° ' t , ¢ □ i , p , Æ s B , É , æ , è " ~ Š ú □ M □ t , ¢ , ` f p □ [f g , © , ç , a f p □ [f g , É ' — , ç , ê □ A , a f p □ [f g , Ì
 % ° % ° ' t , ð □ Ä Š j , µ , Ü , · □ B

, " f R f } f " f h , Ì • ¶ - @ , ð □ à - ¾ , µ , Ü , · □ B
 - } — á)

- 1) sA □ — ^ ' Ê , è □ A A f p □ [f g , É □ M □ t , ð ' — , è , Ü , · □ B
- 2) s0A □ ä , Æ ' S , " ~ , ¶ ^ Ó - j , Á , · □ B
- 3) s2C 2 C f p □ [f g , É □ M □ t , ð ' — , è , Ü , · □ B
- 4) s? A ~ P f p □ [f g , É □ M □ t , ð ' — , è , Ü , · □ B

5) s2? 2A~2Pfp [fg,ÉM t,đ'—,è,Ü,·B

6) s"1G2AF" 1G,2A,Ffp [fg,ÉM t,đ'—,è,Ü,·B

1.,ÍA'¼Æã,Éfp [fg-¼,đ,Â,~,ÄA"C^Ó,ì,Pf`fff"flf<,ÉM t,đ'—,è,Ü,·Bfp [fg-¼,Íâ•¶Žš,Â,à~•¶Žš,Â,à~,¶^Ó-; ,É,È,è,Ü,·B isA,Æsa,Í"~,¶ [M t,đ•i" ,ìfp [fg,É'—,è,½,çê¶,Í4. ^Ê~ ,ì•\<L,ª•Ö—~,Â,·B

[Æë,Á,½Žg,ç•û,ì—á,đà-¾,μ,Ü,·B

—á,Pj

A sB a4a4

B c4 w

,±,è,íA,—fRf}f"fh,ª,“fRf}f"fh,æ,èÆã,è,ÉŽg,í,è,Ä,ç,é,ì,ÁfGf

% [,É,È,è,Ü,·B,—fRf}f"fh,ÍA•K, ‚Í%ž,·,é,“fRf}f"fh,ì'O,ÉŽg—p,μ,Ä%º,³,çB

—á,Qj

A [a4a4 sB]3

B f1 w

,±,ì—á,ì,æ,æ,ÉAf< [fv"à,É,“fRf}f"fh,đŽg,æ,±,Æ,ío—^,Ü,¹,ñB,—,à" — l,Á,·B

—á,Rj

A

B w

,—fRf}f"fh,É,Í•K, ‚Í%ž,·,é,“fRf}f"fh,ª•K—v,Á,·B,È,~,è,ÍfGf

% [,Æ,È,è,Ü,·B<t,ÉA,“fRf}f"fh,ÉÍ%ž,·,é,—fRf}f"fh,ª,È,çê¶,ÍfGf

% [,É,Í,È,è,Ü,¹,ñB

'¼,ÉA,—,Á,ì'Ò,žžšÔ,ª, ,Ü,è,É'·,ç,Æ^—,μ,«,è,,ÉfGf% [,ª,Á,Ü,·B

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=====

[" ,Ž,Ž %º¹'ö,đ [" l,ÁŽw'è,·,é [i,Ž,Ž,Í,P,Â,ß,ªfRf}f"fh [A,Q,Â,ß,ª [" l,Æ,ç,æ ,±,Æ,Á,·j (n:0~95)

%º¹'ö,ÍÊ [íA, [[,ç,ÆflfNf^ [fuÆnfRf}f"fh,ÁŽw'è,μ,Ü,·,ª [A,ŽfRf}f"fh,Á'¼ [ÚŽ w'è,·,é,±,Æ,à,Á,« ,Ü,·B

n0 ,È,ç o1c, n1,È,ç o1c+ ¥¥¥¥ n95 ,È,ç o8b [@,Æ,ç,æ'Í%ž,É,È,Á,Ä,ç,Ü,·B %º¹'·,đŽw'è,·,é [ê¶,íA, ,Á<æ [Ø,Á,ÄŽw'è,μ,Ä%ºº,³,çB

—á [j

n48,4 o4c4 ,Æ“˘,ŋ^Ó-j,Å,·
n52 o4e[]@,Æ“˘,ŋ^Ó-j,Å,·

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=====

□” ,j,Ž Ć®”Ō%o%o’tžž,ÉŽg—p,·,éĆ®”Ō,đŽw’è,·,é
(n:0~16)

,±,ì-½—β,í[]A%o%o’t,É,í’S,ŠÖĈEW,^a, ,è,Ü,¹,ñ[]B
FVIEW,Å,ìĆ®”Ō%o%o’t,đ[]s,È,ɹŽž,É[]A,±,ì-½—
β,^a, ,é,Æ[]A^ÈĈĕã,» ,ìf`fff“flf<,íŽw’è,³,é,½Ć®”Ō,đŽg—p[]i,Å,Ü,è[]ŌŠÛ,đ·\
Ž;[]j,μ,Ü,·[]Bn=0,É,ç^ê”Ō[]ă,ìĆ®”Ō,Å[]An=16,Å^ê”Ō%o%o,ìĆ®”Ō,đŽg—p,·,é,±
,Æ,É,È,è,Ü,·[]B
%o%o’t’t,É·ï[]X,·,é,±,Æ,à%oÅ”\,Å,·,^a[]A·ï[]X,í·K, ,fL[][flft’t,É[]s,È,ɹ,æ,ɹ,É,μ,Å
%o%o,³,ç[]B

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□” ,m Ć®”Ō%o%o’tžž,ÉĆ®”Ō%oE,É·\Ž;,³,é,é·ŋžš,đ[]Ý’è,·,é

FVIEW,Å,ìĆ®”Ō%o%o’tžž,É[]Ć®”Ō%oE,ìf[]f,—“ ,É·\
Ž; ,·,é[]fbfZ[][fW,đ[]Ý’è,μ,Ü,·[]B,m,ìĈĕã,É’±, ,·,Ä·ŋžš—ñ,đ·\<L[]A",Ü,½,í
%oü[]s,ÅfGf“fhf}[][fN,Æ,μ,Ü,·[]B
%o½’i-Ú,ìf[]f,,đ[]Ý’è,·,é,©,í[]A,j,ÅŽw’è,³,é,½Ć®”Ō”Ō[]t,É^È,é,ì,Å[]A,±,ì-½—
β,í,j-½—β,ìĈĕã,ÉŽg,í,é,é·K—v,^a, ,è[]A,Ü,½·K, ,[]u[]Å[]%o,ì<x·,,Ü,½,í
%o¹·,, ,ì’O[]v,ÉŽg—p,μ,Å%o%o,³,ç[]B,PfXfefbfv,Å,à%o
%o’t,^a[]s,í,é,½Ĉĕã,í[]A[]Ý’è,μ,Ä,à·\Ž;,³,é,Ü,¹,ñ[]B
·i[]”f`fff“flf<,Å,P,Å,ìĆ®”Ō,đŽg—
p,·,éžž,í[]A,ç,é,©,P,Å,ìf`fff“flf<,Åf[]f,,đ[]Ý’è,·,é,îž-’« ,è,Ü,·[]B,Ü,½[]Af[]f,,í”¼Šp17
·ŋžš,Ü,Å,μ,©·\Ž; ,Å,« ,Ü,¹,ñ[]B

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□” []”,Ž Šef`fff“flf<,ìfGftfFfNfgfOf<[][fv,đŽw’è,·,é
(n:0~1)

□@,» ,ìf`fff“flf<,^a,ç,ìfGftfFfNfgfOf<[][fv[]i,O”Ō,Æ,P”Ō,^a, ,é[]j,É’® ,·,é,©,đŽw’è,μ,Ü,

~
~
[]@,ì,æ,ɣ,É,·,ê,î[]AfGftfFfNf^,đ,Q%oň,©,¯,é,±,Æ,É,È,è[]A,æ,è%o¹,ªŠi—
í,É,È,è,Ü,·[]i“-‘R[]^—[],Í—Ž,¿,Ü,·[]j[]D
[]@,È,“[]A[]^—[]’—“x,í[]A,f,ì[]u%o¹,ì[]Éú,Ý[]v,ì[]‡[]v,É[][,ŠÖ[]W,ª, ,è,Ü,·[]B,Å,·,ì,Å

A #C0,1,-1,100,4,1 #C1,1,-1,90,2,2

~
~
A #C0,1,-1,100,6,2
~

[]@,±,ì,Q,Â,ìŠ|,¯·û,Å,í[]A’—“x,í, ,Ü,è·İ,í,ç,È,ç,í,¯,Å,·[]BŽÀ[]v±,Å,í’OŽÒ,ì·û,ª%o¹,ª
—Ç,,È,é,æ,ɣ,È,ì,Å[]A[]v,Ý,đ[]v,ç,μ,Ä,Q,ÂŽg,ɣ,Ü,ɣ,ª,ç,ç,æ,ɣ,Å,·[]B

[EOF]

fefNfjff<f}fjf...fAf<

□@FPD97ŠJ”ŠÖŒWŽÒ,ì,½,ß,±,ì□€-Ú,đ—p^Ó,μ,Ä, ,è,Ü,·□D,»ì,½,ß□C-
ÚŽŸ,ì•û,©,ç,±,ì□€-Ú,Ö,ìfŠf“fN,í’£,ç,ê,Ä,ç,Ü,¹ñ□D

1.FPD,ìŽd—l

FPD, ěžd—l

□@, ±, ěfhfLf... f□f“fg, Ā, í□A%oo%o’tftf@fCf<, ěžd—l, đžâ, É□à-¾, μ, Ā, †, ‹, Ü, ·□B□ì□—“—
Žž, í, Đ, ½, ·, †□ì, Ā, Ā, †, ½, à, Ì, Ā, ·, ¢□ACEã, ©, †CE©, Ā, Ý, é, Ā, È, ©, È, ©, â, â, ±, μ, □A□\‘†
, ì□à-¾, à”» , è, É, ,, È, é•”•ª, í□A’½□X, , é, ĀŽv, †
, Ü, ·, ¢□A□ĀCEã, Ü, Ā, ¨•t, ‹□†, †’ , , , ê, î□K, †, Ā, ·□B

^È%oo, ì“ _ , É’□^Ó, μ, Ā%oo, ¾, †□B

□@□E□f□□[fh□Af_fuf<f□□[fh, ÌŠi”[, í□A’S, Ā%oo^Ê, ©, †Ši”[, ¾, ê, Ü, ·□B
□@□E%oo%o’tftf@fCf<“à, Ā, ěfłtfZfbfg□E□Z□Of□f“fg, í□A%oo
%o’tftf@fCf<, ì□æ“ª, đ0, Ā, μ, Ā□’, ©, ê, Ā, †, Ü, ·□B
□@□E□”’l, í□A’Á, É’f, è, ¢, È, ^ , ê, î10□i□” , Ā□ACEã, è, É h
, ¢ , ê, î16□i□” , Ā, μ, Ü, ·□B, ½, ¾, μ□A□Z□Of□f“fg□E□łtfZfbfg, Ā, μ, Ā□’, ©, ê, Ā, †
, é□ê□†, í□A’S, Ā16□i□” , Ā, ·□B
□@□E%oo^’·, É—p, ·, é, à, Ì, í□A’S, ĀfXfefbfv’P^Ê, Ā, ·□B□u□`•ª%oo^’·, P^Ê□v, Ā, í, È, †
, Ì, Ā’□^Ó, μ, Ā%oo, ¾, †□B
□@□E%oo%o’tff□[f^ , ¢Ši”[, ¾, ê, Ā, †, éfZfOf□f“fg-¾, đ MSeg
, Ā•\<L, ·, é□ê□†, ¢ , , è, Ü, ·□B

□”□@, P□D%oo%o’tftf@fCf<, ì□\□—

□@, Ü, ·□A%oo%o’tftf@fCf<“à, É□A, †, †, †, Ā, ½ff□[f^ , ¢ , é, Ì, ©, đ^ê’É, è□à-¾, μ, Ü, ·□B
□@, È, ¨□A, ±, ì□í, Ā, ì□à-¾, í□AŠi”[□†, Ā, í, È, □A”» , è, â, ·, †, ĀŽv, í, ê, é□†”Ô, Ā□s, †, Ü, ·□B

□@□E□fwfbf_•” Ž^-Ê, h, c, âŠe□î•ň, ÌŠi”[□ê□Š, È, †, ¢“ü, Ā, Ā, †, Ü, ·□B
□@□E%oo%o’tff□[f^•” Šef`fff“fłf<, ì□AŽĀ□Ú, Ì%oo%o’tff□[f^ , Ā, ·□B
□@□E%oo%o’tff□[f^fe□[fuf< Šef`fff“fłf<, Ì%oo
%o’tff□[f^ , ¢□A, » , ê, ¼, ê, †, Ì”Ô’n, ©, †Žn, Ü, é, ©, đžl, μ, ½fe□[fuf<, Ā, ·□B
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□@□E%oo^□Ffe□[fuf< □ã, Ì%oo^□F’è<`•”“à, Ā□A, †, Ì%oo^□F’è<` , ¢, †, ±, ÉŠi”[, ¾, ê, Ā, †
, é, ©, ¢fe□[fuf<, É, È, Ā, Ā, †, Ü, ·□B
□@□E□f^fCgf< <È, ěf^fCgf<, Ā, ·□B
□@□E□E®”Ô•\Ž!^Ê’u Še%oo^□F”Ô□†, ÉŠÖ, μ, Ā□A, » , Ì%oo^ , đžg—p, μ, Ā, †

,éžž,ÉĈ®"Ō,ì\Ž!^Ê'u,đ<□\$,·,é,©□A,Ü,½<□\$,·,é,È,ç,Ç,±,É•\
Ž!,³,ê,é,©,đŽw'è,μ,Ü,·□B%¹□F,Í0~255,Ü,ĀŽg—p%Ā"\,È,ì,Ā□AĈ®"Ō•\
Ž!^Ê'u,í256fofCfg,Ā□□¬,³,ê,Ü,·□B

□"□@,Q□Dfwfbf_•",ì□□¬

□@%□%□'tftf@fCf<,ì□Ā□%□,ì16fofCfg,í□A%□%□'tftf@fCf<'S'ì,ì•K—
v□î•ñ,ªŠi"[,³,ê,Ā,ç,Ü,·□B^È%□²,É□\`ç,đŽ!,μ,Ü,·□B

□@□@0 ~ 3 : ffwfbf_'FPDM'
,±,ìftf@fCf<,ª□A,e,o,c—p,ì%□%□'tftf@fCf<,Ā, ,é,±,Æ,đŽ!,·ID,ªŠi"[,³,ê,Ā,ç,
Ü,·□B•¶Žš—ñ FPDM ,ª□Ā□%□,ì,SfofCfg,É, ,ê,ì,e,o,c,í,»,ìftf@fCf<,đ%
%□'tftf@fCf<,Æ,Ý,È,μ,Ü,·□B

□@□@4 : □%□ŠúŠî-{'
,ĈfRf}f"fh,Ā□Ý'è,·,é□uŠî-{'·□v,ì□%□Šú'ì,ªŠi"[,³,ê,Ü,·□B

□@□@5 ~ 6 : □%□Šú%□%□'t'—“x
fef“f|,đ□A,PfXfefbfv, ,½,è,ìžžŠŌ,ÉŠ·ŽZ,μ,½□A%□
%□'t'—“x'ì,ªŠi"[,³,ê,Ü,·□BžžŠŌ,ì'P^Ê,í□un/2760•b□v,Ā,·□B,PfXfefbfv,ª%□½•ª
%□¹•,,,Ā, ,é,©,í□A,ì,l,k't,ì□u'S%□¹•,,,ì'·,³□v,É,æ,Ā,Ā,ì,Ý'm,é,±,Æ,ª%□Ā"\,Ā,·,ª□A
%□%□'tftf@fCf<'t,É,»,ìff□[f^,í, ,è,Ü,¹,ñ□B□],Ā,Ā%□%□'tftf@fCf<,¾,¯,Ā,í□A%□
%□'t'—“x,đfef“f|'ì,ÉŠ·ŽZ,·,é,ì,í□A•s%□Ā"\,Æ,ç,α,±,Æ,É,È,è,Ü,·□BfXfefbfv,É,Ā,ç,
,Ā,ìžŸ□í,ĀŠÈ'P,É□à-¾,μ,Ā, ,è,Ü,·□B

□@□@7 ~ 8 : %□¹□Ffe□[fuf<š]ŽnflftfZfbfg
,e,o,c,ì%□%□'tftf@fCf<"à,É,í□A□u,ç,ìftf@fCf<-¼,ì,o,b,l,đ□A□@%□¹□F"Ō□†
%□½"Ō,ÉŠ,,,è"—,Ā,Āf□□[fh,·,é,©□v,Æ,ç,α□î•ñ,ª□AŽg—p%□¹□F□",¾,¯,Ši"[,³,ê,Ā,ç,
Ü,·□B,±,±,É,í□A,»,ì%□¹□F□î•ñ,ì□A□æ“ª”Ō'n,ª“ü,è,Ü,·□B,Ü,½□A
%□¹□Ffe□[fuf<,í□A•K, ,□uŠef`fff“f|f<,ìš]Žn□êŠ□v,ì'¼ĈĀ,É'u,•K—v,ª, ,è,Ü,·□B
□@□@9 : ,o,b,l'è`□”

,ufp□[fg,É,æ,é,o,b,l%□¹□F'è` ,ª□A,ç,,Ā, ,é,©,đŽ!,μ,Ü,·□B

□@□@A : f□f,fšf^fCfv
Šef`fff“f|f<,ìš]Žn□êŠ□,ª□A,ç,α,ç,α'P^Ê,ĀŠi"[,³,ê,Ā,ç,é,©,đŽ!,μ,Ü,·□B
0ffh = %□%□'tftf@fCf<,ì□æ“ª,©,ç,ìflftfZfbfg,ĀŠi"[
80h = %□%□'tftf@fCf<,ì□æ“ª,©,ç,ìfZfOf□f“fg,ĀŠi"[
FCMP,Ā□ì□¬,³,ê,½%□%□'tftf@fCf<,í0ffh,ª□AMID2FM,Ā□ì□¬,³,ê,½%□
%□'tftf@fCf<,í80h,ª“ü,Ā,Ā,ç,Ü,·□B□iVer2.05Ĉ»□Ý□j0ffh,ĀŽ!,³,ê,Ā,ç,é□ê□#□A%□
%□'tftf@fCf<,í64k,đ%□oz,ì,é,±,Æ,í□o—^,Ü,¹,ñ□B

□@□@B ~ C : f^fCfjgkŠi" [flftfZfbfg
 <È,lf^fCfjgk,Ši" [,³,ê,Ä,ç,é□ê□Š,đŽ!,μ,Ü,·□Bf^fCfjgk,Š'è<` ,³,ê,Ä,ç
 ,È,ç□ê□Š,Í□A0ffffh,Š"ü,è,Ü,·□B
 □@□@D ~ E : CE®"Ö•Ž!^Ê'uŠi" [flftfZfbfg
 fhf%of€—p,É□ACE®"Ö•Ž!^Ê'u,đCEÁ'è,·,é<@"\,Á,·□B,±,±,É,Í□AŠe%o¹□F,É
 %ož,¶,½□ê□Šff□[f^,ìŠi"["Ô'n,Š"ü,è,Ü,·□B□ê□Šff□[f^,Š,È,ç□ê□Š,Í□A0ffffh,Š"ü,è,Ü
 ,·□B
 □@□@F : -çŽg—p
 CE»□Ý,Á,Í□A0ffh,đ"ü,ê,Ä," ,« ,Ü,·□B

□"□@,R□D%o%o'tff□[f^fe□[fuf<,l□\□¬

□@□@+10h,©,ç,Í□AŠef`fff"flf<,l%o%o'tff□[f^,Ši" [,³,ê,Ä,ç
 ,é□ê□Š,Š"žŽŠi" [,³,ê,Ü,·□B<i"l,É,ÍŽŸ,ì,æ,α,É,È,Á,Ä,ç,Ü,·□B

- 10h~11h: ,`f`fff"flf<,l%o%o'tff□[f^,ìŠJŽn□ê□Š
- 12h~13h: ,af`fff"flf<,l%o%o'tff□[f^,ìŠJŽn□ê□Š
- 14h~15h: ,bf`fff"flf<,l%o%o'tff□[f^,ìŠJŽn□ê□Š
- 16h~17h: ,cf`fff"flf<,l%o%o'tff□[f^,ìŠJŽn□ê□Š

□E
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□@□@,±,ìfe□[fuf<,Í□A%o¹□Ffe□[fuf<ŠJŽn"Ô'n,Ü,Á'±,« ,Ü,·□B□],Á,Ä□A
 %o¹□Ffe□[fuf<,Í,±,ì%o%o'tff□[f^fe□[fuf<,l¼CEă,É,È,,Ä,Í,È,è,Ü,¹,ñ□B

□@□@ŠJŽn□ê□Š,É-1 (=0ffffh),Ši" [,³,ê,Ä,ç,½□ê□Š□A,» ,ê,Íff□[f^,Š,È,ç,±,Æ,đ•\
 ,μ,» ,lf`fff"flf<,l%o%o't,³,ê,Ü,¹,ñ□B

□@□@□uŠJŽn□ê□Š□v,ì'P^Ê,Á,·,Š□A,±
 ,ì'P^Ê,Íf□f,fŠf^fCfv□ifwfbf_,l0Ah,ÉŠi" [□j,É,æ,Á,Ä^Ù,È,è,Ü,·□Bfwf bf_·",l□à-
 ¾,Á,à□',« ,Ü,μ,½,Š□A
 □@□@□E□f□f,fŠf^fCfv=0ffh,ì□ê□Š
 □@□@□@,±,ì□ê□Š,Í□AŠef`fff"flf<,ìŠJŽn□ê□Š,ÍflftfZfbfg,đ^Ó-j,μ,Ü,·□B□]
 ,Á,Ä□AZÀ□Ü,lf□[f^ŠJŽn^Ê'u,Í□uMSeg:ŠJŽn□ê□Š□v,Æ,È,è,Ü,·□B,±,ì□ê□Š□A%o
 %o'tff□[f^,Í64k,đ%oz,!,é,±,Æ,Í□o—^,Ü,¹,ñ□BFCMP.EXE,Á□ì□¬,³,ê,½%o

%'tff[]f^,í[]A,±,ì[]f,fšf^fCfv,đŽg—p,μ,Ä,ç,Ü,·[]B
[]@[]E[]f[]f,fšf^fCfv=80h,ì[]ê[]‡
[]@[]@[]@,±,ì[]ê[]‡,í[]Ašef`fff“f[]f<,ìšŽn[]ê[]š,ífZfOf[]f“fg,đ^Ó—i,μ,Ü,·[]B[]
,Á,Ä[]AŽÀ[]Û,ìff[]f^šŽn^Ê'u,í[]uMseg+šŽn^Ê'u:0[]v,Æ,È,è,Ü,·[]B,±
,ì[]ê[]‡[]Ašef`fff“f[]f<,ì[]æ“^Ê'u,íf[]p[]f[]Of[]ft'P^Ê,Á,È,-
,Ä,í,È,è,Ü,¹,ñ[]BMID2FM.EXE,Á[]ì[]¬,³,ê,½%[]%[]'tff[]f^,í[]A,±,ì[]f,fšf^fCfv,đŽg
—p,μ,Ä,ç,Ü,·[]B

[]"[]@,S[]D%[]¹[]Ffe[]f[]fuf<[]E%[]¹[]F'è<`·",ì[]\`ç

[]@[]@,P[]í,Á,à[]',«,Ü,μ,½,ª[]A·i[]",ì%[]¹[]F'è<`·¶,ª[]W,Ü,Á,½,à,ì,ª%[]¹[]F'è<`·",Á, ,
è[]AÆÂ[]X,ì%[]¹[]F'è<`·¶,ª[]A,»,ê,¼,êš"[][,³,ê,Ä,ç,é^Ê'u,đfe[]f[]fuf<,É,μ,½,à,ì,ª
%[]¹[]Ffe[]f[]fuf<,Á,·[]B

[]@[]@,Ü, ,[]A%[]¹[]Ffe[]f[]fuf<,Á,·,ª[]A'O[]í,Á,à[]à-¾,μ,½'Ê,è[]A,±,ìfe[]f[]fuf<,í%[]
%[]¹[]tff[]f^fe[]f[]fuf<,ì'¼Æã,É'u,·K—v,ª, ,è,Ü,·[]B%[]½[]Æì,È,ç[]A
%[]¹[]Ffe[]f[]fuf<,ìšŽn^Ê'u,É,æ,Á,Ä%[]%[]'tff[]f^fe[]f[]fuf<,ì[]|—¹^Ê'u,đŽ|,μ,Ä,ç
,é,©,ç,Á,·[]B
[]@[]@<ì'í"[]I,È[]\`ç,í^È%[]º,ì'Ê,è,Á,·[]B+0,Æ,©+1,Æ,©[]',ç,Ä, ,é,ì,í[]Afwfbf_,ÁŽw'è
,μ,½%[]¹[]Ffe[]f[]fuf<šŽn[]f[]ftfZfbfg,©,ç,ì'š'í^Ê'u,Á,·[]B

- +0~+1: %[]¹[]F'è<`·¶0"Ô,ìš"[]f[]ftfZfbfg
 - +2~+3: %[]¹[]F'è<`·¶1"Ô,ìš"[]f[]ftfZfbfg
 - +4~+5: %[]¹[]F'è<`·¶2"Ô,ìš"[]f[]ftfZfbfg
- []E
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[]i,±,ê,ª,o,b,l'è<`[]"[]ifwfbf_,ÁŽw'è[]j,¾,¬'±,[]j

[]@[]@,±,ê,ç,ìfe[]f[]fuf<,í[]A'S,Äf[]ftfZfbfg'P^Ê,Á,·[]B[],Á,Ä[]A%[]¹[]F'è<`·¶,í[]A%[]
%[]¹[]tftf@fCf<,ìšŽn^Ê'u,æ,è[]A64k^È"à,ì'í^í,É'u,ç,Ä,¬,·K—v,ª, ,è,Ü,·[]B

[]@[]@ŽŸ,É%[]¹[]F'è<`·¶,Á,·,ª[]A,±,ê,í[]u%[]¹[]F"Ô[]+[]C,o,b,lftf@fCf<-¼[]C0[]v,Æ,ç
,x,©,½,Ü,è,Á\,³,ê,Ü,·[]B[]ã,Á[]u%[]¹[]F'è<`·¶0"Ô[]v[]u¥¥¥1"Ô[]v,Æ[]',ç,Ä,ç
,Ü,·,ª[]A%[]¹[]F'è<`·¶,ì"Ô[]+[],Æ,»,±,Á'è<`³,ê,é%[]¹[]F"Ô[]+,í·K, ,μ,à^ê'v,μ,È,ç,±
,Æ,É'[]^Ó,μ,Ä%[]º,³,ç[]B

□@□@—á,!,í□A%°¹□F"Ô□†,R□C,S□C,V,đ'è<` ,: ,é□ê□#□A
%°¹□F'è<` •¶10"Ô□E□E□E□E%°¹□F"Ô□†,R,đ'è<` ,: ,é
%°¹□F'è<` •¶11"Ô□E□E□E□E%°¹□F"Ô□†,S,đ'è<` ,: ,é
%°¹□F'è<` •¶12"Ô□E□E□E□E%°¹□F"Ô□†,V,đ'è<` ,: ,é

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□@□@,o,b,lftf@fCf<-¼,í□A,l,l,k"™ ,Å<L□q,μ,½,à,ì,đ,» ,ì,Ü,Ü"]'—,μ,Ä,ç
,é,¾,¯,Å,·□B

□@,» ,ìÆã,ì0,í□AfGf"fhf}□[fN,Å,·□B

□@□@,l,l,k,ÆfAfZf"fuf%°<L□q,Å—á,đ□à-¾,μ,Ü,·□B

V 0,03PIANO1

V 54,03ANASTR

V 25,M3GUIT2

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VoiceTable dw offset voice0

dw offset voice1

dw offset voice2

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voice0 db 0,'03PIANO1',0

voice1 db 54,'03ANASTR',0

voice2 db 25,'M3GUIT2',0

□@□@,Æ,ç,ɹfAfZf"fufŠ<L□q,É,È,è,Ü,·□B

□@□@ff□[f^•s'è,Æ, ,é,ì,í□A—v, ,: ,é,É%°½,ª , ,Á,Ä,à,æ,ç,Æ,ç,ɹ,±,Æ,Å,·□B

%°¹□Ffe□[fuf<□ifAfZf"fuf%°†,ìVoiceTable□j,í%°

%°'tff□[f^fe□[fuf<,ì¼Æã,ÆCE^ ,ß,ç,ê,Ä,ç,Ü, ,: ,ª□A%°¹□F'è<` •¶□ifAfZf"fuf

%°†,ìvoice0~voice2□j,í64k^È"à,Å , ,ê,Î,Ç,±,É , ,Á,Ä,à□\,ç,Ü,¹,ñ□B

□@□@FCMP.EXE,Å□ì□—,³,ê,½%°%°'tff□[f^ ,ì□ê□# ,í□A

□E%°¹□Ffe□[fuf<

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,ì,PfofCfj□i,Å,Ü,èfwfbf_,lf^fCfjf<Ši"[fiftfZfbfg,ÅŽw'è,³,è,½□ê□Š□j,É□A□uf^fCfjf
<•¶Žš—ñ□v,^aü,è□A,QfofCfj-Ú,©,ç,lf^fCfjf<•¶Žš—ñ,^aü,è,Ü,·□B,±,ì•¶Žš—
ñ,É,í□Afgf"fhf}□[fN,É—p,·,é,à,ì,í,Å,ç,Ä,ç,È,ç,ì,Å□A'□^Ó,μ,Ä
%°^o,³,ç□B□@□@□@□@□@□@□@□@
□@□@,Ü,½□Af^fCfjf<,í•K,, , ,é,Æ,íCEÀ,è,Ü,¹,ñ□Bf^fCfjf<,a'è<`³,è,Ä,ç
,È,çff□f^,Å,í□Afwfbf_,ì□uf^fCfjf<Ši"[fiftfZfbfg□v,É0ffffh,^aü,Ä,Ä,ç
,Ü,·□B,Ü,½□Af^fCfjf<,í□æ"^a,©,ç64k^È"à,ì□ê□Š,É,È,,Ä,í,È,è,Ü,¹,ñ□B

□"□@,U□DCE®"Ö•\Ž!^Ê'u

□@□@Še%°¹□F,É'í,μ,Ä□ACE®"Ö^Ê'u,ì<□š,ð□s,È,ç,Ü,·□B,±,è,í□AZâ,Éfhf%°f€
%°¹□F,ì,½,β,ì<@"\,Å,·□B,l,l,k,Å□A,ufp□[fg,ì□□<L□t,É,æ,Á,ÄŽw'è,·,é□"l,^a□A,±
,ì□ê□Š,ÉŠi"[³,è,é,±,Æ,É,È,è,Ü,·□B
□@□@FVIEW,đŽg—p,μ,½□ê□#□A'Ê□í,í"%°¹'t,ì%°¹ŠK,^aCEö,è,Ü,·,□Afhf%°f€
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,Å,·□B□uCE®"Ö•\Ž!^Ê'u□v,í256fofCfj,ìff□f^,Å□A^È%°°,ì,æ,α,É,È,Á,Ä,ç,Ü,·□B

- +0: %°¹□F0"Ô,ìCE®"Ö•\Ž!^Ê'u
- +1: %°¹□F1"Ô,ìCE®"Ö•\Ž!^Ê'u
- +2: %°¹□F2"Ô,ìCE®"Ö•\Ž!^Ê'u
- +3: %°¹□F3"Ô,ìCE®"Ö•\Ž!^Ê'u
- +4: %°¹□F4"Ô,ìCE®"Ö•\Ž!^Ê'u

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+0ffh: %°¹□F255"Ô,ìCE®"Ö•\Ž!^Ê'u

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0a6h o4d,ì%o¹,đ□AŠî-{'·,ĀŽ!,³,ê,éŽžŠÔ,^¾,-Ā,ç,μ,Ü,·□B
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E100,95,0,4 78h,0,4,100,95,0,4

EDR32,5,,0,0 78h,5,5,32,5,80h,0,0

ERR90 78h,7,1,90

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EN1 78h,11h
EN2 78h,12h
EN3 78h,13h
EN 78h,14h

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@@@e3h,w flf<f^f"fg,k,e,n,ì,—,ì,Ý,ðéĚ¾,·,é
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ñ,ì,½,ß,ì,à,ì,Å,·□B

e3h,Å,í□A,·,ç,©,¶,ßf|f<f^f□f“fg,ì,—
,ðÝ’è,μ,Ä,¨,«,Ü,·□Be4h,Å,í□A□Ý’è□ï,Ý,ì,—,Æ,Ž□i,Ž,ìf|f<f^f□f“fg,k,e,n,ì,-
,ìBit16~23,É’Š“-□A’¼,í0,Å-
,,ß,é□j,Å,k,e,n,ðŽn”®^{3,1},Ü,·□BŽÿ,ìe5h,Å,k,e,n,ð’âŽ~ ,μ,Ü,·□B’âŽ~ ,μ,½CEã,à□A
e3h,Å□éCE¾,μ,½,—,í—LCEø,Å□A□Ä,Ñ,±,ìe4hfRf}f“fh,ð”□s,·,é,±
,Æ,É,æ,Á,Ä,k,e,n,ðŽw’è,·,é,±,Æ,^a□o—^,Ü,·□B

□@□@e5h f|f<f^f□f“fg,k,e,n,ð’âŽ~,·,é
□@□@e6h~fbh -çŽg—p

e7h,mode,v,n1,y1,n2,y2,¥¥¥,0(fGf“fhf}□[fN) v1,í□□□[fh,
Fmode,v,l1,v1,l2,v2,¥¥¥¥□il8,v8,Ü,Å“o~^%oÅ”\□j□@%o¹—Ê□,,^Ú,ðŽw’è
□îŠ’ ,ð·\CE»,μ,â,·,·,·,é,½,ß,ìfRf}f“fh,Å,·□Bv,í□%oŠú%o¹—Ê□i’□%oÁ’l□j
ln,vn,í□A□u□Š—v%o¹·,^Ú□s%o¹—Ê□i□ãCEü,«,^a□³□j□v,Å,·□BMMLfRf}f“fh,ì
ln,í%o¹·P^Ê,vn,í,»,ì%o¹·,Å·ï%o»,·,é%o¹—Ê,Å,·□B
%o%o’tff□[f^“à,Å,í
mode:□§CEäf,□[fh

- 0:f|ft
- 1:Žÿ,ì,P%o¹,¾,¯,É,©,©,é
- 2:fL□[f|f“ -^,É“¯,¶f|f^□[f“^a,©,©,é
- 3:fL|f□[ft,fL□[f|f“^a, ,Á,Ä,à□,,^Ú,ðCEp’±

v:□%oŠú%o¹—Ê

nn:^Ú“®%oñ□”□i□□fXfefbfv□”□j

yn:,PfXfefbfv,ì^Ú“®—Ê f□□[fh,ÅŽw’è,%o^a,Wfrfbfg,í□—□”P^Ê

□@□@e8h,h,s,d,v lh,s,d,v ‘æ,Rfrfuf%□□[fg,ðŽw’è,·,é

□@□@e8h,0,0 IO ‘æ,Rfrfuf%□□[fg,ðf|ft,É,·,é

□@□@□@h,v,í□□□[fh

‘æ,Rfrfuf%□□[fgfRf}f“fh,Å,·□B“®□ì,í’æ,Pfrfuf%□□[fg,Æ’S,“¯,¶,Å,·□B

□@□@fch,n CE®”Ö·\Ž!^Ê’u,ðŽw’è

□@□@□@n=CE®”Ö,ì”CEö^Ê’u(0~95,0ffh)

,U□í,Å□uCE®”Ö·\Ž!^Ê’u□v,É,Å,ç,Ä□à-¾,μ,Ü,μ,½,^a□A“¯,¶,±
,Æ,ðfRf}f“fh,Å□s,È,«<@“\,Å,·□B,±,é,í%o¹□F,É’î,μ,Ä,Å,í,È,-
,Ä□A,»,ìf’fff“f|f<,É’î,μ,ÄŽw’è,μ,Ü,·□BMID2FM,Å,í□A,±,ç,ç,ì·û-

@,đŽg,Á,ÄŒ®"Œ^Ê'u,đŒĀ'è,μ,Ä,ç,Ü,·□B
±,lfRf}f"fh,í□AFPD.COM"à,Á,í-³Ž<,³,ê,Ü,·□BŠ®'S,ÉFVIEW—p,ì,à,ì,Á,·□B

□@□@fdh,n,Str Nstr Œ®"Œ-¼,đ'è<`
□@□@□@n=Str,lfofCfg□"□Astr=Œ®"Œ-¼

Œ®"Œ-¼,ì'è<` ,Á,·□B,» ,lf`fff"flf<,ÁŒ»□ÝŽw'è,³,ê,Ä,ç
,é□iŽŸ,lfRf}f"fh,É,æ,é□jŒ®"Œ,ì-¼'O,đŽw'è,μ,Ü,·□B,±,ê,àFPD,Á,í-
³Ž<,³,ê□AFVIEW,Á,ì,ÝŽg—p,³,ê,Ü,·□B,Ü,½□Astr,lf^fCfjg<,Œ"~—
lfGf"fhf}□[fN,í"ü,ç,È,ç,ì,Á'□^Ó,μ,Ä%ºº,³,ç□B

□@□@feh,n Kn Žg—p,·,éŒ®"Œ,đŽw'è
□@□@□@n=Žg—p,·,éŒ®"Œ(0~16)

,ç,ìŒ®"Œ,đŽg—p,·,é,©,đŽw'è,μ,Ü,·□B

□@□@ffh □l—¹□Efc□[fv

,» ,lf`fff"flf<,ì□l—¹,đ•\,μ,Ü,·□B,±,ê,Ü,Á,É,kfRf}f"fh,ª ,ê,î,» ,ì'n"_,Éfc□[fv,μ□
A,È,¯ ,ê,î,» ,lf`fff"flf<,í%ºº't□l—¹,μ,Ü,·□B

□@fRf}f"fh,í^È□ã,Á,·□B,±,±,É<" ,ª,ç,È,ç,l,l,kfRf}f"fh,lfRf"fpfCf%º,ª□^—
□,μ,Ä,μ,Ü,α,à,ì,Á,·□B

□"□@,W□D•İŠ•Ž®□E'P^Ê,É,Â,ç,Ä

□@□Efxfebfv,Œ%º¹',É,Á,ç,Ä

□@□@%ºº'tff□[f^"à,Á,í□A%º¹•„□E<x•„,ì'•,³,í□A,l,l,k,ì□u□`•ª%º¹•„□v•ûŽ® ,đ
□@fXfebfv•ûŽ® ,É•İŠ•,μ,ÄŽg,Á,Ä,ç,Ü,·□B

□@□@fXfebfv•ûŽ® ,ì□l,ì•û,í□A□u192•ª%º¹•„,ª%º¹½ŒĀ•ª , ,é,©□v,Œ,ç,α'P^Ê,Á
%º¹•„,ì'•,³,đ•\Œ» , ,é,à,ì,Á,·□BfAfZf"fuƒ%º,È,ç,Á%º¹•„□^—

□,đ□s,È,α□ê□‡,í□A□u□`•ª%º¹•„□v,æ,è,±,ç,ç,ì•û,ª—y,©,É"s□‡,ª,ç,ç
,ì,Á,·□BŽÀ□û,É,í□A□u192•ª%º¹•„□v,đ,PfXfebfv,ŒŒÄ,Ñ□A□u192•ª

%º¹•„,ª,ŽŒĀ•ª,ì'•,³□v,Œ,ç,α□ê□‡,í□u,ŽfXfebfv□v,ŒŒÄ□ì,³,ê,Ü,·□B
□@□@,±,ì□ê□‡□A—á,ì,î,S•ª%º¹•„,í□A192•ª

%º¹•„,ª48ŒĀ•ª,ì'•,³,Á,·,ì,Á□Afxfebfv•ûŽ® ,Á,í□u48□v,ì'•,³,Œ,È,è,Ü,·□B□i□□48fx
febfv□

□@□@,½,¾□A□u,PfXfebfv□□192•ª

%º¹•„□v,ŒŒĀ'è,μ,Ä,μ,Ü,Á,Ä,í□A,T~A•„,È,ç,đ•\Œ» , ,é,±,Œ,ª□o—^ ,Ü,¹,ñ□B,±

□@ %%%'tff□[f^'x,ì'¬'x'l□□□@2760*60 / (n*ZLEN/4)

~~~~~

□@,Æ,ç,žŽ®,ª“±,©,ê,Û,·□B

□@□@,È,¨□A%%'tff□[f^,©,çfef“f|,ðžž□o,·,é,±,Æ,í□AZLEN,ì'l,ª%%  
%%'tff□[f^,É,È,ç,½,ß□A•s%%Â“\,Å,·□B

□@□Efxf“fh,É,æ,é•ì%%»—!

□@□@fxf“fhCEn,ì-½—ß□iff`f...□[f“□Efrfuf%%□[fg□j,Å,í□AZÀ□Û,É,ç,ì“ö“x  
%%¹,ª,·,ê,Ä,ç,é,ì,©□A,Æ,ç,±,Æ,Å,·,ª□A□Ú,μ,□à-  
¾,·,é,Æ,e,o,c,ì“à•”fAfçfSfŠfYf€É,Û,Å~b,ª<y,Ô,É,Å□A^È%%º,ì,Q—á,¾,¯,É—  
¯,ß,Û,·□B

□Efxf“fh'l,ª1000h,È,ç□A's“x,PfIfNf^□[fu□ã,ª,é□B<t,É□A-  
800h,ìžž,É's“x,PfIfNf^□[fu%%º,ª,é□B

□Efxf“fh'l,ª0f3h,È,ç□A's“x”¼%%¹□ã,ª,é□B<t,É□A-0e6h,ìžž,É□A's“x”¼%%¹  
%%º,ª,é□B

□@□@,½,¾,μ□A,±,±,ÅŽ!,μ,½fxf“fh•□,í□AFPD Ver2.1,ìfxf“fh-½—ß,Å,í•\CE»□o—  
^,Û,¹,ñ□B

□@,·,Û,Å,à•ì%%»—!,ì-Ú^À,Æ,μ,ÄCE©,Ä%%º,³,ç□B

□@□Ej|fçf^f□f“fg,ì•iš•žŽ®

□@□@,l,l,k,ìPh,l,Æ%%'tff□[f^,ì0e0h,w,v,ìŠÖCEWŽ®,í^È%%º,ì'Ê,è,Å,·□B

$$w = ZLEN * 2 / l$$

$$v = ( 2^(28+h/12) - 10000000h ) / ( ZLEN / l )$$

□@□@ZLEN,í□A'S%%¹•,,ì'·,³,Å,·□B,-  
,ðžž□o,·,éžž,É□A□¬□”,ðšÛ,p,Ø,«□æCEvžž,ª□o,Ä—  
^,Û,·,ì,Å□A,b“™,ì□,«%%CE¾CEê,ðžžg,í,È,ç,Æ“i,μ,ç,Æžžv,ç,Û,·□B

□@□@,È,¨□A|fçf^f□f“fg,íFPD.COM“à,Å,ìžž,ì,½,¾,ì'æ“ñfrfuf%%□[fg“l,È□^—

□,É,È,Á,Ä,ç,Ü,·□Bw=□U•□,v=^ê%ñ,ì^ú“®—Ê,É,È,Á,Ä,ç  
,Ä□A,»ê,¼,ê,lfRf}f“fh□ifrfuf%□[fg□j,ìh,v,É‘Š“-μ,Ü,·□B□i,½,¾,μf|  
f<f^f□f“fg,ìv,ÍP^Ê,^ù,È,è□Afrfuf%□[fg,ì,-,ð16%ñ□¶lfVftfg,·,é,Æf|f<f^f□f“fg,ì,-  
,É,È,è,Ü,·□j  
□@□@,Á,Ü,è□Af|f<f^f□f“fg,Í□ud=0,s=1,ÉCEÁ‘è,ìfrfuf%□[fg□v,Æ,ç,αŽg,ç•û,à  
%Á“\,Á,·□B  
□@,l,l,k,Á,Íftf|□[fg,μ,Ä,ç,Ü,<sup>1</sup>,ñ,<sup>a</sup>□AMID2FM,Í,±,ìfRf}f“fh,ìfrfuf%□[fg,Æ,μ,ÄŽg—  
p,μ,Ä,ç,Ü,·□B

**□”□@,X□D□ÁCEã,É□E□E□E**

□@□@,±,ìfhfLf...f□f“fg,Á,Í□A□à-¾,ð□u%□%‘tff□[f^,ìŽd—l□v,É—  
-,ß,Ü,μ,½□B“Á,É‘æ,W□í,Í“à•”fAf<fSfŠfYf€,Æ□[,ŠÖ,è,ì, ,éŽ-□€  
,Í,©,è,È,ì,Á,·,<sup>a</sup>□AŠ,·,Ä,»,±,Ü,Á“¥,Ý□ž,ñ,¾□à-  
¾,Í“ð, -,Ü,μ,½□BŽÄ□Ú□AFCMP.EXE‘ö“x,ìfc□[f<,Á, ,ê,Í□A,±,ìfhfLf...f□f“fg,Á□à-  
¾,¾,è,Ä,ç,éŽ-•ç,¾, -,Á□ì□-□o—^,é,ÆŽv,ç,Ü,·□B

□@□@“à•”fAf<fSfŠfYf€,ð□à-¾,μ,¾,·,Æ□A□u%½CEì%  
%‘t’-“x,ìP^Ê,<sup>a</sup>1/2760•b,È,ì,©□v□ufGf“fxf□□[fv,ì□^—□□v□ufxf“fh,<sup>a</sup>Žü”g□”,ÉŠÖ  
—^,·,éŽž,ìŽ®□v,È,ç□A<É,ß,Ä,â,â,±,μ,çŽ-□€,É~b,<sup>a</sup>y,Ñ,Ü,·□B  
□@□@—v-],<sup>a</sup>, ,ê,Í□A,»,ì,α,çCEöŠj,·,é,©,à,μ,ê,Ü,<sup>1</sup>,ñ□B,±,ê,Í“é-šŽâ<`,Á,Í,È,-  
,Ä□A‘P,ÉfhfLf...f□f“fg,ð□’,ì,<sup>a</sup>ß,ñ,ç,,<sup>3</sup>,ç,ì,Á□A,±,α,ç  
,αCE¾,ç•û,É,È,é,í,-,Á,·□B(^ ^;

□@□@,±,ìfhfLf...f□f“fg,ð“Ç,Ü,ê,Ä□u,±,±,Í“»è,É,,ç□v□u,±,α,ç,α□î•ñ,à•K—  
v,¾□v□u,±,±,ÍŠÔ^á,ç,Á,Í,È,ç,©□v,Æ,ç,α^ÓCE©,<sup>a</sup>, ,è,Ü,μ,½,ç□A□¥”ñ,“Šñ,<sup>1</sup>  
%□<sup>2</sup>,<sup>3</sup>,ç□B

**□”□@,P,O□D’~ìCE □E□\$□ìŽÒ□Eftf|□[fg**

□@□E,±,ìfhfLf...f□f“fg<y,Ñ<L□Ú,<sup>3</sup>,ê,½%□%‘tff□[f^,ìŽd—l,ì~ìCE ,Í□AŽ,,□A“j^ä□G  
Ž÷□i,l,j,q□j,<sup>a</sup>•ÛŽ□,μ,Ü,·□B

□@□E,±,ìfhfLf...f□f“fg,ð—~—p,μ,Ä□ì□-,<sup>3</sup>,ê,½fAfvfŠfP□[fvf#f“,É,Á,ç,Ä,Í□AŽ©—  
R,É“z•z“™,ð□s,È,Á,Ä□\,ç,Ü,<sup>1</sup>,ñ□B,Ü,½□A,»,ìfAfvfŠfP□[fvf#f“,É,Á,ç,ÄŽ,,<sup>a</sup>CE —  
~,ðŽâ‘£,·,é,±,Æ,Í^ê□Ø, ,è,Ü,<sup>1</sup>,ñ□B





## fRf“fpfCf<Žž,ì□o—Íf□fbfZ□[fW

□”,Ü,□CŽÀ□Ù,ÉfRf“fpfCf<,μ,½Žž,ìf□fbfZ□[fW,δ^È%º,ÉŽ!,μ,Ü,□D  
□ifXfy□[fX,ì“s□#,ÁŽÀ□Ù,ì□o—Í,Æ%ºü□s^Ê'u,ª^Ù,È,Á,Ä,ç,Ü,□j

### ----- FPD Music Marco Language Compiler.. (Filename)

**Set \$ Part .... 0 Macro is defined.**

**Set V part .... 6 Voice setting.**

**Fin. 0A Part - Step 2880 ( 0)**

**Fin. 0B Part - Step 2884 ( 0)**

**Fin. 0C Part - Step 2880 ( 0)**

**Fin. 0D Part - Step 2880 ( 0)**

**Fin. 0E Part - Step unknown,w is found.**

**Fin. 0F Part - Step unknown,w is found.**

**Fin. 0G Part - Step unknown,w is found.**

**Fin. 0H Part - Step unknown,w is found.**

**Analyze sync-command ...**

**Wait 0E Part - Step 2880 ( 0)**

**Wait 0F Part - Step 2880 ( 0)**

**Wait 0G Part - Step 2880 ( 0)**

**Wait 0H Part - Step 2880 ( 0)**

**Compile Completed. Object data is 924 bytes.**

-----  
,»,ê,¼,ê,ì^Ó-;É,Á,ç,Ä□C□à-¾,μ,Ä,ç,«,Ü,□D

### >FPD Music Marco Language Compiler.. (Filename)

,±,ì□s,Í□Cf□[fvjff“fOf□fbfZ□[fW+•İš·ftf@fCf<-¼,Á,□D

**>Set \$ Part .... 0 Macro is defined.**

□@,±,ê,Í□C\$ fp□[fg□C,Á,Ü,èf}fNf□'è<`fp□[fg,ì%ºđ□íCE<%ºÊ,δ•\Ž!,μ,Ä,ç,Ü,□D,±  
,±,Á,Í□C0 **Macro is defined.** ,Æ•\Ž!,³,ê,½,ì,Á□Cf}fNf□'è<` ,Í,È,ç,Æ,ç,æ^Ó-  
; ,É,É,è,Ü,□D

**>Set V part .... 6 Voice setting.**

□@Vfp□[fg□□,o,b,lftf@fCf<'è<`·”,ìfRf“fpfCf<CE<%ºÊ,Á,□D,ç,-  
,Á,ì,o,b,lftf@fCf<□@,ª'è<` ,³,ê,½,ì,©,δ•\Ž!,μ,Ü,□D,½,¾,μ□C,±,±  
,ÁŽ!,³,ê,é□”Žš,Í□C, ,Ü,Á,à,ufp□[fg,É,æ,é□Ý'è□”,Á□C,±  
,ì¼,É,àfRf“ftfBfOf□fCf<,đŽQ□Æ,μ,Á,o,b,lftf@fCf<,ì□Ý'è,δ,·,é,±,Æ,ª ,è,Ü,□D

**>Fin. 0A Part - Step 2880 ( 0)**

~~[1]

~~~~~[2]

~~~~~[3]

□@%o%o't•"fp□[fg□i0A□`3P,Ü,Å64f`fff"flf<□j,l}Rf"fpfCf<CE<%oÉ,ð□‡ŽŸ•\  
Ž|,μ,Ü,·□D

[1],ì•"•ª,Å,í□C□I—<sup>1</sup>,μ,½fp□[fg,ð•\Ž|,μ,Ü,·□D

[2],í□C,»„l}fp□[fg'S'ì,l}Xfefbfv□",Å,·□D

[3]

,í□C,kfRf}f"fh□i<È,ì□ÄfXf^□[fg□ê□Š,ì□éCE¾4□j^È□~,l}Xfefbfv□",Å,·□D,kfRf}f  
"fh,ª,É,ç□ê□‡,í,O,É,È,è,Ü,·□D

□@fXfefbfv□",í□C,Æ,,Éf`fff"flf<ŠÔ,ì,,è,ð"CE©,·,é,ì,É•Ö—~„Å,·□D

### >Fin. OE Part - Step unknown,w is found.

□@,Ü,½□CfXfefbfv□",ð•\Ž|,·,é,©,í,è,É□C,±,ì,æ,κ,Èf□fbfZ□[fW,ª□o,é,±,Æ,à,,è,

Ü,·□D,±,è,í□C,»„l}fp□[fg,Å,—□i"~Šú□M□t'Ò,¿□jRf}f"fh,ªŽg,í,è,Ä,ç

,½,½,β□CfXfefbfv□",ª"Á'è,Å,«„È,çŽŽ,É□o,Ä,«„Ü,·□D

□@,±,l}fbfZ□[fW,ª□o,½fp□[fg,Å,í□CfXfefbfv□",ªCE^,Ü,Á,½Žž"\_,Å□C

### >Wait OE Part - Step 2880 ( 0)

□@,ì,æ,κ,É•\Ž|,ª,,è,Ü,·□D

### >Analyze sync-command ...

'É□ifRf"fpfCf<,ª□I—<sup>1</sup>,μ□C"~ŠúfRf}f"fh,ì□^—□,É"ü,éŽž,É•\

Ž|,ª,è,Ü,·□D"~ŠúfRf}f"fh,ªŽg—p,ª,è,Ä,ç,È,ç□ê□‡,í□C,±,l}fbfZ□[fW,í•\

Ž|,ª,è,Ü,<sup>1</sup>,ñ□D

### >Compile Completed. Object data is 924 bytes.

fRf"fpfCf<,ªŠ®—<sup>1</sup>,μ,½f□fbfZ□[fW,Å,·□DfIfufWfFfNfg□i%o%o't—

p□jftf@fCf<,l}TfCfY,ð•\Ž|,μ,Ä□I—<sup>1</sup>,μ,Ü,·□D

□"□@fGf%o□[f□fbfZ□[fW,É,Å,ç,Ä□E□E

□@,l,l,k,ì•\<Lf~fX"™ □C%o½,©-â'è,ª<N,±,é,Æ□CfGf

%o□[f□fbfZ□[fW,ð□o,μ,ÄfRf"fpfCf<,ð'âž~„μ,Ü,·□D,±,ìžž□CfGf%o□[,ìŽí—

p,É,æ,Å,Ä,í□C□^—□t,l}f%ofCf""Ó□t,Æ•¶Žš,ª□o,Ü,·,ª□C•K,,μ,àfGf

%o□[,ì□ê□Š,ðŽw,μ,Ä,ç,é,Æ,íCEÀ,ç,È,ç,ì,Å□CŽQ□l'ö"x,É—,β,Ä

%o<sup>º</sup>,ª,ç□D,Ü,½□CAnalyze config-file... ,l}fbfZ□[fW,ìCEã,ÄfGf

%o□[,ª□o,½□ê□‡,í□Cf%ofCf",l}Rf"ftfBfOfTf@fCf<"à,l}f%ofCf",É,È,è,Ü,·□D

□@,Ü,½□Cf}fNf□"à,ÄfGf%o□[,ª□o,½□ê□‡,É,í□Cf}fNf□,l'è<`□s,Å,í,È,,ÄŽg—

p□s,ì•ù,ÄfGf%o□[,ª□o,Ü,·□DfGf%o□[,ª□o,½f%ofCf",Äf}fNf□,ðŽg—p,μ,Ä,ç

,é□ê□‡,É,í□Cf}fNf□'è<` ,ì•ù,àŠm" F,μ,Ä%o<sup>º</sup>,ª,ç□D

□@fGf%o□[f□fbfZ□[fW,Æ□C□I,!,ç,è,éŽž,ÈCE'^ö,ð□à-¾4,μ,Ä,ç,«„Ü,·□D

### 0. Out of memory.

□@□@f□f,š,ª'«„è,Ü,<sup>1</sup>,ñ□D

□@□@,±,lfGf%□□,í□C^È%□□,ì,æ,κ,È□ó<μ,É□o,Ü,·□D  
1. f□f,fŠ,ìŠm•Ů,ÉŽ, "s,μ,½  
2. Šm•Ů,μ,½f□f,fŠ,ÉlfufWfFfNfgff□[f^□i□¶□-ff□[f^□j,ª"ü,ç,È,ç  
□@,±,lfRf"fpfCf%□□  
,í□C<N" @ŽŽ,É,ì,ì,kftf@fCf<,đŠi" [ ,·,éf□f,fŠ,Æ□¶□-ff□[f^,đŠi" [ ,μ,Ä,ç,-  
f□f,fŠ,Æ,đŠm•Ů,μ,æ,κ,Æ,μ,Ü,·,ª□C,» ,ìŽŽ,Éf□f,fŠ•s'« ,ÁŠm•Ů□o—  
^ ,È,ç□ê□¶,ª,P,lfP□[fX,Å,·□D  
□@,Q,íŠm•Ů,μ,½f□f,fŠ,æ,è□¶□-ff□[f^ ,ª'ã,«,-  
,È,Ä,Ä,μ,Ü,Á,½□ê□¶,Å,·□DCE»fo□[fWf¶f" ,Å,í□CfufWfFfNfg—  
pfofbftf@,đ48,<,Æ,Ä,Ä,ç,Ü,·□D

**1. File not found.**

fRf"fpfCf<,μ,æ,κ  
,Æ,μ,½ftf@fCf<,Ü,½,lfRf"ftfBfOf tf@fCf<,ªCE©,Ä,©,è,Ü,¹,ñ□DMMLftf@fCf<,í□C•K,  
,.MML,ìŠg'£Žq,Å,È,¯,ê,í,È,ç,·□C—á,ì,í□CFCMP M1.L,ì,æ,κ  
,ÉŽw'è,μ,ÄfRf"fpfCf<,μ,Ä,à□C M1.MML ,đ'T,μ□CCE©,Ä,©,ç,È,¯,ê,lfGf  
%□□[ ,Æ,È,è,Ü,·□D  
□@fRf"ftfBfOf tf@fCf<,í□CŽw'è,ª ,ê,í,» ,lf tf@fCf<□iŠg'£Žq,í.CFB,ÉCEÄ'è□j,đ□C,È,¯  
,ê,í FPD.CFB ,đ"Ç,Ý,Ü,·,ª□CCE©,Ä,©,ç,È,¯,ê,í,â,í,è,±,lfGf  
%□□[ ,ª□o,Ü,·□D,È,¯'S,Ä,ìŽg—p%□□F,ª,ufp□[fg,Å□Y'è,³,ê,Ä,ç  
,ê,í□CfRf"ftfBfOf tf@fCf<,í•K—v,È,ç,ì,Å□C"Ç,Ý,É□s,« ,Ü,¹,ñ□D

**2. Syntax error.**

□@•¶-□@ã,ìCEè,è,Ä,·□DŽã,É□C%□□đ□í•s"\,È•¶Žš,ª ,Ä,½□ê□¶□C•K—  
v,È□"'l"™ ,ª,È,ç□ê□¶,É□o,Ü,·□D"Á,ÉCEãŽÒ,í"CE©,μ,É,,ç,ì,Å□C,æ,CE©'¼,μ,Ä  
%□□,³,ç□D  
□@,±,lfGf%□□[ ,lf%□fCf" ,â•¶Žš,đ—Š,è,É,·,ê,í□C□C□³,í—e^Ö,©,ÆŽv,ç,Ü,·□D

**3. Illegal function call.**

□"'l,ª<K'è,ì"í^í,đ%□z,ì,Ä,ç,Ü,·□D

**4. Missing ? Part.**

□È—ª•s%□□Ä"\,Èfp□[fg,ªCE©,Ä,©,è,Ü,¹,ñ□D,½,¾,μ□CCE»fo□[fWf¶f" ,Ä,í•K,·•K  
—v,Èfp□[fg,í, ,è,Ü,¹,ñ,ì,Å□C,±,lfGf%□□[ ,í□o,È,ç,ÆŽv,ç,Ü,·□D

**5. Undefined Marco.**

□@'è<` ,³,ê,Ä,ç,È,çf}fNf□,ªŽg—p,³,ê,Ü,μ,½□D

**6. Macro name error.**

□@Žg—p•s%□□Ä"\,Èf}fNf□-¼,ªŽg,í,ê,Ü,μ,½□Df}fNf□,ÉŽg,ì,é,ì,í□C'ã□-  
%□p•¶Žš,Æ□"Žš,PCE...,ì□C□¶CEv,U,Q•¶Žš,Å,·□D

**7. Too many voice names.**

□@%°¹□F'è<` ,ì□",ª'½,·,¬,Ü,·□D  
□@,e,o,c,Å,Í□C"~Žž,É127ĈÊ,Ü,Å,µ,©%°¹□F,đf□□[fh,Å,«,Ü,¹,ñ□D□]  
,Å,Ä□C,P,Å,Ì,l,l,k'†,Å127ĈÊ,đ%°z,!,½Žw'è,ª, ,ê,ÌfGf%°□[,Æ,È,è,Ü,·□D

### 8. Out of octave.

□@f|fNf^□[fu,ª,P□` ,W,ì"í^í,đ%°z,!,Ü,µ,½□D,±,ÌfGf%°□[,ª□o,é,ì,Í o,<,>  
,ì,R,Å,Å,·□D

### 9. Nesting Macro.

□@f}fNf□'†,Åf}fNf□,đŽg,Á,Ä,ç,Ü,·□D,±,ÌfGf%°□[,à□Cf}fNf□Žg—  
p□s,Å□o,Ü,·,ì,Å'□^Ó,µ,Ä%°º,³,ç□D—á,!,Í□C  
\$a c4c4c4  
\$b \$ae8g8  
A [\$b]2  
□@,±,ì,æ,x,È□ê□‡,Å,à□C,`fp□[fg,ì□s,ÅfGf%°□[,ª□o,Ü,·□D

### 10. Too many loops.

□@f□[fv,Ìf|fXfg,ª16,đ%°z,!,Ü,µ,½□D  
□@17ĈÊ-Ü,ì [ ,đŠm" F,µ,½Žž" ,Å,±,ÌfGf%°□[,ª□o,Ü,·□Df□[fv,đ16□d,àŽg,x,±  
,Æ,Í,Ü,·,È,ç,Æ,ÌŽv,ç,Ü,·,ª□C,±,ÌfGf%°□[,ª□o,½Žž,Í,È,ñ,Æ,©,µ,Äf□[fv,đĈÊ,·ç,µ,Ä  
%°º,³,ç□DSTU ,ÌŠÈ^ŎfR□[f<,đŽg,x,ì,àŽè,Å,·□D  
□@,Ü,½□CŠÈ^ŎfR□[f<□æ,Åf□[fv,đŽg,Á,Ä,ç,é□ê□‡,Í□C,» ,Ìf|fXfg,à}f|fEfg,ª,è,Ä,ç  
,Ü,·□D—á,!,ÌS~T,ÌŠŎ,Å,P,Åf□[fv,đŽg,Á,Ä,ç,Ä□C16□df□[fv,ì'†,ÅU,đŽg,x,Æ,±  
,ÌfGf%°□[,ª□o,Ä,µ,Ü,ç,Ü,·□D

### 11. ] Without [

□@,±,±,©,ç13"Ŏ,Ü,Å,Í□Cf□[fv,ì'í%°ž,ÌŠŎ^á,ç,É,æ,éfgf%°□[,Å,·□D  
□@,±,è,Í□C,ª[ ,æ,è'½,ç,Æ□o,Ü,·□D

### 12. : Without ]

□@f□[fvŠŎ,Å:fRf}f"fh□if□[fvfAfEfg□j,ªŽg,í,è,Ü,µ,½□D

### 13. [ Without ]

[ ,É'í%°ž,·,é ] ,ª, ,è,Ü,¹,ñ□D,±,ÌfGf%°□[,Íf%°fCf" ,â•¶Žš,Í'S,, ,Ä,É,È,ç,·□C"-  
ĈÊ©,Í,©,È,è,â,Å,©,ç,È,±,Æ,à, ,è,Ü,·□D

### 14. Easy call error.

□@ŠÈ^ŎfR□[f< STU ,ÉŠŎ,·,éŠŎ^á,ç,ª, ,è,Ü,·□D<ì"í"Í,É,Í□C□uST,ª,È,ç,ì,É U  
,đŽg,Á,½□v□uS ,ª,È,ç,ì,É T,đŽg,Á,½□v□uS,ÆT,ªf□[fv,ì"àŠŎ,É,í,©,è,Ä,ç  
,é□v,È,Ç,Å,·□D

### 15. & after command,r

□@&fRf}f"fh□if^fC□j,ª<x• ,,,âfRf}f"fh,ÌĈě,è,É, ,è,Ü,·□Df^fCfRf}f"fh,Í□C•K, ,

%o<sup>1</sup>•,,,ì'¼Œě,É,Â,¯,Ä%oo<sup>0,3</sup>,ç□D

**16. w must be out of loop**

**17. s must be out of loop**

□@“~ŠúfRf}}f“fh,af<□[fv't,Ü,½,ÍS~T,İŠÔ,É, ,è,Ü,·□DwfRf}}f“fh□CsRf}}f“fh,í□C,» ,ì  
□«Ž¿□ã□Cf<□[fv,ì't,ÅŽg,±,±,Æ,Í,Å,« ,Ü,¹,ñ□D

**18. too many w.**

**19. too many s.**

□@w,Ü,½,Ís,ª'½,·,¬,Ü,·□Dw,s ,í□C,» ,ê,¼,ê'Sf`fff“flf<□‡,í,¹,Ä128ŒÂ,Ü,Å,Å,·□D

**20. Send not found.**

□@wfRf}}f“fh,ª, ,é,ì,É□C,» ,ê,É□M□t,đ'— ,ésfRf}}f“fh,ª, ,è,Ü,¹,ñ□D

**21. w found after s.**

□@wfRf}}f“fh,ª□C'Í%ož,·,ésfRf}}f“fh,æ,èŒě,ë,É, ,è,Ü,·□D

**22. Wait step is too long.**

□@wfRf}}f“fh,É,æ,é'Ò,¿fXfefbfv□”,ª'å,« ,·,¬,Ü,·□D,—  
fRf}}f“fh,É,æ,éfEfGfCfG,í□CŒ»fo□[fWf‡f“ ,Å,Í16581375(=255,ì,R□æ) ,Ü,Å,µ,©'í  
%ož,µ,Ä,ç,Ü,¹,ñ□D

**23. N without K**

□@KfRf}}f“fh,ª,È,ç,ì,ÉNfRf}}f“fh,ªŽg—p,³,ê,Ü,µ,½□D  
□@NfRf}}f“fh,í□CŽg—p't,ìŒ®"Ö,Éf□f,,đ□Y'è,·,éfRf}}f“fh,È,ì,Å□CŽg—  
p,·,éŒ®"Ö,đŽw'è,·,éKfRf}}f“fh,ìŒě,É,È,¯,ê,Î,È,è,Ü,¹,ñ□D



## ŠyŠí%o<sup>1</sup>□F'î%ož•\

%o<sup>1</sup>□F"Ô□t: "gCE`ftf@fCf<-¼ %o<sup>1</sup>□F-¼

### fsfAfmCEn

000: 03piano1 fAfR□[fXfefBfbfN□EfsfAfm  
001: m3harpsi fn□[fvfVfR□[fh  
002: m3ep2 fGfCEfNfgfŠfbfN□EfsfAfm  
003: m3clav fNf%ofrflfbfg

### fxf<CEn

007: m3vibe frfuf%ofzf",P  
008: m3marimb f}fŠf"fo  
009: m3tblar fxf<  
010: 03vibe frfuf%ofzf",Q

### flf<fKf"CEn

014: 03organ2 fhf□□[fo□□[EfIf<fKf"  
015: 03peorg2 f□fbfN□EfIf<fKf"  
016: m3church f`ff□[f`□EfIf<fKf"  
017: m3organ2 fŠ□[fh□EfIf<fKf"  
018: 03accord fAfR□[fffBfIf"  
019: 03harmon fn□[f,fjf]

### fMf^□[CEn

024: m3guit1 fifCf□f"□EfMf^□[  
025: m3guit2 fXfefB□[f<□EfMf^□[  
026: m3jzguit fWfffY□EfMf^□[  
027: m3elguit fNfŠ□[f"□EfMf^□[  
028: m3mtguit f~f...□[fg□EfMf^□[  
029: 03dist fffBfXfg□[fvf#f"□EfMf^□[

### fx□[fXCEn

034: m3rnbass fGfCEfNfgfŠfbfN□Efx□[fX  
035: m3abass fAfR□[fXfefBfbfN□Efx□[fX  
036: 03slbass fXf%ofbfv□Efx□[fX  
038: m3ftless ftfCEfbfgfCEfX□Efx□[fX  
039: m3sbass1 fVf"fZ□Efx□[fX,P  
040: 03tcbass fVf"fZ□Efx□[fX,Q

### fXfgfŠf"fOfXCEn

044: 03violin fofCfIfŠf"  
046: 03strens fVf"fZ□EfXfgfŠf"fOfX,P

047: 03pizzic fofCflfŠf“□Efsf`fj□[fg  
048: 03harp fn□[fv  
049: 03timpan fefBf“fpfj

### **fAf“fTf“fuf<CEn**

053: 03str2 fVf“fZ□EfxfgfŠf“fOfX,Q  
054: 03anastr fVf“fZ□EfxfgfŠf“fOfX,R  
055: m3str fVf“fZ□EfxfgfŠf“fOfX,S  
056: 03choir fR□[f%ofX,P  
057: 03doovox f{fCfX,P  
058: 03schoir fR□[f%ofX,Q  
059: 03ohit fl□[fPfXfgf%ofqfbfg

### **fuf%ofXCEn**

063: 03trump1 fgf%of“fyfbfg  
064: m3tr&tp fgf□f“f{□[f“  
065: m3mutetp f~f...□[fg□Efgf%of“fyfbfg  
066: 03tuba f`f...□[fo  
067: m3power fVf“fZfuf%ofX,P  
068: 03brass1 fVf“fZfuf%ofX,Q  
069: m3brass1 fVf“fZfuf%ofX,R

### **fŠ□[fhCEn**

073: 03sopsax f\fvf%ofm□EftfbfNfX  
074: 03tensax fefm□[f<□EftfbfNfX,P  
075: m3tensax fefm□[f<□EftfbfNfX,Q  
076: 03oboe fl□[f{fG  
077: m3clari fNf%ofŠflfbfg

### **fpfCfvCEn**

081: 03hflute ftf<□[fg  
082: m3dreed fŠ□[fh  
083: m3pflute fpf“ftf<□[fg  
084: 03shaku ŽÚ”<sup>a</sup>  
085: 03voice f{fCfX,Q

### **fVf“fZ□EfŠ□[fhCEn**

089: 03square <éCÉ`”g  
090: 03saw ,l,±,¬,è”g  
091: 03pwm fVf“fZ□EfŠ□[fh

### **fVf“fZ□EfpfbfhCEn**

095: 03ether fxf<□•fR□[f%ofX

096: 03synvox f[]f^f<f{fCfX

### **fVf“fZ[]EfGftfFfNfgCEn**

100: 03ghost fVf“fZ[]EfGftfFfNfg

### **fGfXfjfbfNCEn**

104: 03banjo fof“fWf#[]

105: m3sitar fVf^[]f<,P

106: 03shami ŽO-;[]ü

107: m3kalimb fJfŠf“fo

### **fp[]fjfbfVf#f“CEn**

111: m3pole f[]f<

112: m3sitar2 fVf^[]f<,Q

113: m3vbhit fEfbfhfuf[]fbfN,P

114: 03taiko ‘¾CÛ

115: m3etom fGfCefNfgfŠfbfN[]Ef^f€

### **fTfEf“fh[]EfGftfFfNfgCEn**

119: 03fret ftfCefbfgfmfCfY

120: 0369o4g- fufCefXfmfCfY

121: 03stad fXf^fWfAf€

122: 03bird ‘¹,ì-Â,«[]º

123: 03ring “d~b,lfxf<

124: 03heli fwfŠfRfVf^[]

125: m3hnoon2 fKf“fVf#fbfg

### **fhf%of€CEn**

150: 03d47 f^f€

151: 03ccym2 fNf%ofbfVf...[]EfVf“fof<,P

152: 03d35 fofXfhf%of€,P

153: 03d36 fofXfhf%of€,Q

154: 03d37 fTfCfhfXfefBfbfN

155: m3snare2 fXflfAfhf%of€,P

156: 03d39 fnf“fhfNf%ofbfv

157: 03d40 fXflfAfhf%of€,Q

158: 03d41 ftf[]fA[]Ef^f€

159: 03d42 fNf[][]fYfh[]EfnfCfnfbfg,P

160: 03d44 fyf\_f<[]EfnfCfnfbfg

161: m3opph2 f[]fVf“[]EfnfCfnfbfg,P

162: m3asnr fAfif[]fO[]EfXflfA

163: m3d21h3 fNf%ofbfVf...[]EfVf“fof<,Q

164: m3ahh fNf[][]fYfh[]EfnfCfnfbfg,Q

165: m3ride f%ofCfhEjVf"fof<  
166: 03d51 f`fffCfj[fYEjVf"fof<  
167: 03d53 f%ofCfhEjxf<  
168: 03d54 f^f"fofŠf"  
169: m3opph1 fl[fvf"EfnfCfnfbfg,Q  
170: 03d56 fJfEjxf<  
171: m3vibsp frfuf%ofXf%ofbfv  
172: 03d60 f{f"fS  
173: 03d62 f~f...[fgEjRf"fK  
174: 03d64 fRf"fK  
175: 03d65 fejBf"fof<  
176: 03d68 fAfSfS  
177: 03d69 fJfofT  
178: 03d70 f}f%ofJfX  
179: 03d71 fzfCbfXf<[i'Z,¢j  
180: 03d72 fzfCbfXf<[i'·,¢j  
181: 03d73 fOfCf[i'Z,¢j  
182: 03d74 fOfCf[i'·,¢j  
183: 03d75 fNf%ofxfX  
184: 03d76 fEbfhfufjbfN,Q  
185: 03d78 f~f...[fgEjNfCfK  
186: 03d79 fNfCfK  
187: 03d80 f~f...[fgEjgf%ofCfAf"fof<  
188: 03d81 fl[fvf"Ejgf%ofCfAf"fof<

## '€[]à-¾

f[]fCf" fEjBf" fhfE, í[]ufAf<fof€fŠfXfg[]v,Æ[]uftf@fCf<fŠfXfg[]v,É<æ•É,<sup>3</sup>,ê,Ä,ç,Ü,·[]DfAf<fof€,ð'l,Ñ[]AZÿ,É,»,ì't,É, ,éftf@fCf<,ð'l,Ô,Æ,ç,αžè[]‡,Å,<sup>2</sup>—~—p %o<sup>o</sup>,<sup>3</sup>,ç[]D

,Ü,½[]AFPD97,í^È%o<sup>o</sup>,Éž!,·ftf@fCf<Æ`ž® ,É'î%ož,μ,Ä,ç,Ü,·[]D  
[]@[]@\*.FPD[]FFPD,<sup>a</sup>žg—p,·,é%o%o'tftf@fCf<  
\*.MID []FMIDI%o%o'tftf@fCf<('[],P)  
[]@[]@\*.WAV []FWindows•W[]€,lfEjF[]fufyf@fCf<  
[]@[]@\*.MML []FFPD—p%o<sup>1</sup>Šyf[]fXftf@fCf<('[],P)  
[]@[]@'[],P[]F\*.MID,Æ\*.MML,í[]C\*.FPD,É•İŠ·Æă,É%o%o't,<sup>3</sup>,ê,Ü,·[]D

## f[]jf...[]['€[]

### ftf@fCf<

İš<sup>2</sup>Ü,ðŠj,[]Fftf@fCf<fŠfXfg,<sup>a</sup>·\ž!,<sup>3</sup>,ê,Ä,ç,é,Æ,«,É—LÆø,Å,·[]D  
[]@[]@ []F[]V,μ,%o%o'tftf@fCf<,ð'ç%oÁ,μ,Ü,·[]D  
%o%o't'tž~[]F<È,ð%o%o't,μ,Ä,ç,é,Æ,«,É,±,lf[]jf...[][,<sup>a</sup>·\ž!,<sup>3</sup>,ê,Ü,·[]D  
[]@[]@ []F%o%o't't,ì<È,ð'tž~,·,é,±,Æ,<sup>a</sup>,Å,«,Ü,·[]D  
[]I—<sup>1</sup> []FFPD97,ð[]I—<sup>1,3,1</sup>,Ü,·[]D

### []@·İŠ·

[]@[]@ftf@fCf<Æ`ž®,ð·İŠ·,·,é,Æ,«,Éžg,ç,Ü,·[]D  
[]@[]@MML->FM  
[]@[]@MID->FM  
    FPD->WAV  
    RCP->MID  
    RCP->FPD

### []@[]Y'è

[]@[]@Šeží[]Y'è,ð[]s,È,α,±,Æ,<sup>a</sup>,Å,«,Ü,·[]D  
[]@[]@%o%o't[]ó'Ô,ì[]Y'è  
[]@[]@%o<sup>1</sup>[]F"gc`ff[]f^,iffBfCfNfgfŠ  
[]@[]@MIDIftf@fCf<,ç,ç,ì·İŠ·žž,ì[]Y'è  
[]@[]@WAVftf@fCf<,Ö,ì·İŠ·žž,ì[]Y'è

### []@fwf<fv

[]@[]@-Úžÿ  
    MML[]%o[]SžÒÆü,~f}jff...fAf<  
[]@[]@fo[]fWf‡f"[]î•ň

fAf<fof€fŠfXfg,Å,ì'€[]

[]@'l'ð

fAf<fof€€,ð'l'ð,μ,Û,·[]D

fAf<fof€€[]ì[]¬

[]V,μ,çfAf<fof€€,ð[]ì[]¬,μ,Û,·[]D

fAf<fof€€[]í[]œ

f`fFfbfN,<sup>3</sup>,ê,Ä,ç,éfAf<fof€€,ð[]í[]œ,μ,Û,·[]D

fAf<fof€€-¼·ï[]X

fAf<fof€€,ì-¼'O,ð·ï[]X,μ,Û,·[]D

[]Å[]V[]î·ñ

f^fCf€fŠ[][,È[]î·ñ,<sup>a</sup>·\Ž|,<sup>3</sup>,ê,Û,·[]D

ftf@fCf<fŠfXfg,Å,ì'€[]

%o%o't

f`fFfbfN,<sup>3</sup>,ê,Ä,ç,éftf@fCf<,ð%o%o't,μ,Û,·[]D

%o%o't'†Ž~

f[]ffj...[]['€[]ì,Å[]à-¾,μ,½,à,ì,Æ“^^ê,Å,·[]D

'Ç%oÁ

[]@[]@ftf@fCf<fŠfXfg,É'Ç%oÁ,μ,Û,·[]D

[]@[]í[]œ

[]@[]@ftf@fCf<fŠfXfg,©,ç[]í[]œ,μ,Û,·[]D

[]@'S[]í[]œ

[]@[]@ftf@fCf<fŠfXfg,ð<ó,É,μ,Û,·[]D

<α'É'€[]

[]@fhfLf...f[]f“fg

[]@[]@%o%o'tff[]f^,ÉŠÖ,.,éDOCftf@fCf<,ð·\Ž|,.,é,½,ß,lfhfLf...f[]f“fgfrf...  
[]fA[][,<sup>a</sup>·\,ê,Û,·[]D

[]@CE®"Ö

[]@[]@CE®"Ö,ð·\Ž|,μ,Û,·[]D

@fwf<fv

@@fjff...[ã,É, ,éfwf<fv,ì-ÚŽŸ,đ'ì'đ,.,é,ì,Æ“~,¶,Å,.D

## MML->FPD

FPD—p%<sup>1</sup>Šyf\ [fXftf@fCf<(\*.MML),đFPD—p%<sup>o</sup>%'tftf@fCf<(\*.FPD)  
,É•ĪŠ.,μ,Ü,·D  
@FPD,í%<sup>o</sup>%'tŽž,É,íCFPD—p%<sup>o</sup>%'tftf@fCf<(\*.FPD),đŽg—p,μ,Ü,·D

## MID->FPD

□@MIDI%%%'tftf@fCf<(\*.MID),đFPD—p%%%'tftf@fCf<(\*.FPD),É•iš·,μ,Ü,·□D  
□@FPD,Í%%%'tŽž,É,Í□CFPD—p%%%'tftf@fCf<(\*.FPD),đŽg—p,μ,Ü,·□D

## FPD->WAV

␣@FPD—p%o%o'tftf@fCf<(\*.FPD),đWindows•W␣€,lfEjF␣[fuftf@fCf<(\*.WAV)  
,É•ĪŠ,μ,Ü,·␣DCEø%oĒ%o<sup>1</sup>,ì␣ì␣¬␣A%o<sup>1</sup>ŠyCD,đ␣ì␣¬,μ,½,ç␣ê␣‡,È,Ç,É,<sup>2</sup>—~—p  
%o<sup>o</sup>,<sup>3</sup>,ç␣D

## %%'t'ó'Ô,ì'Ý'è

Ⓜ@FPD—p%%'tftf@fCf<,ð%%'t,·,é,Æ,«,ìfpf%of[]f^,ì'Ý'è,ðs,ç,Û,·D

### Ä'fCE[]fg

Ⓜ@'l,ª'ã,«,ç,Û,Ç%¹,ª—Ç,,È,è,Û,·,ª"®ì,íD,-  
,È,è,Û,·DCEÀŠÈ^Èã,ìÄ'fCE[]fg,ð'Ý'è,μ,½[]ê[]#,íC^—,ªŠÔ,É[]#,í,È,ç  
,½,β,É%¹"ò,Ñ,ª<N,±,è,Û,·DCPU,ªi486(50MHz`66MHz)  
,Å11.03KHz[]Ci486(100MHz),ÆPentium(90MHz`120MHz)  
,Å22.05KHz[]APentium(133MHz)`Pentium(200MHz),Å33.08KHz,ð-Ú^À,É,μ,Ä  
%º,³,çD

### fGftFfNfg^—

Ⓜ@u,È,μv[]ufŠfo[]fu,ì,Ýv[]ufŠfo[]fu[]Efr[]f%ofXv,ì,RŽí—p,ì't,©,ç'l'ð,μ,Ä  
%º,³,çDfR[]f%ofX,ì,Ý,ì'Ý'è,í[]s,ì,Û,¹,ñD,±,ê,ç,íC%%'tftf@fCf<(\*.FPD)  
,ì't,ÄC-¾Ž'ì,É',©,ê,Ä,ç,È,·,ê,íCø%È,í,·,è,Û,¹,ñD<t,É[]C%  
%º'tftf@fCf<(\*.FPD)"à,Ä',©,ê,Ä,ç,Ä,à[]C,±,±,ì'Ý'è,Ä<-%Ä,ª,³,ê,Ä,ç  
,È,·,ê,íDfGftFfNfg,ìCø%È,ð-³Ž<,μ,Û,·DfGftFfNfg,í,©,È,è^—  
[],ÉŽŠÔ,ª,©,©,è,Û,·,ì,Ä[]C%¹"ò,Ñ,μ,â,·,ç[]ê[]#,É,íC,±,±,ì'Ý'è,ð·ìX,μ,Ä  
%º,³,çD^è"È,ÉfR[]f%ofXfGftFfNfg,í,©,È,è,ìCPUf[]f[][,ð·K—v,Æ,μ,Û,·D

### fpf"[]\$Eä

Ⓜ@o—í,ðf,fmf%of<,©fXfefCEfl,ì,Ç,ì,ç,Ä[]s,È,æ,©,ì'l'ð,ª,Ä,«,Û,·DCEvŽŽ<@-  
{'à'è',ìfXfs[]f[][,©,ç%¹,ðo,·,Æ,«,ìf,fmf%of[]CŠO"°fXfs[]f[][,©,ç  
%¹,ðo,·,Æ,«,ìfXfefCEfl,É'Ý'è,·,é,Æ,æ,ç  
,Å,μ,ã,æD,Û,½[]CCEvŽŽ<@,ìPHONE'[Žq,©,çfXfefCEfl—  
pfCf,,fzf",Ä,°®,«,É,È,é,Æ,«,É,à[]CfXfefCEfl,É'Ý'è,μ,Ä%º,³,çD

### f<[]fv,ìCEJ·Ô,μ

Ⓜ@f<[]fv,ìCEJ·Ô,μ%ñ"°,ð'Ý'è,μ,Û,·D^è"°,ì%%'tftf@fCf<,É,íC·W[]€,ì'Ý'è,Ä,í  
%º'ª'ª,ª[]—¹,μ,È,ç,Äf<[]fv,ðCEJ,è·Ô,·,à,ì,ª,·,è,Û,·D·[]'É,í2,É'Ý'è,μ,Û,·ª[]A<È,ð  
ŽÝ[]X,Æ·ì,ì,Ä'®,«,½,ç[]ê[]#,È,Ç,í1,É'Ý'è,μ,Ä,°,Æ,ç,ç  
,Å,μ,ã,æD,È,°[]C·W[]€MIDIftf@fCf<(\*.MID),ì<È,Ä,í<[]fv,Æ,ç,æŠT"O,ª,·,è,Û,¹,ñ,ì,  
Ä[]C,±,±,Ä,ì'Ý'è,í^Ó-ì,ðŽ[],ì,Û,¹,ñD

### ftfF[]fhfAfeFg

Ⓜ@f<[]fv[]—¹Žž,É,°,·,·,éftfF[]fhfAfeFg,ì'—x,ðCE^,β,Û,·D,±,ê,íC%%'t[]—  
¹ŠÔ<β,Ä%¹,ª,¾,ñ,¾,ñ,Æ[]-,³,·,È,èŽn,β,Ä,©,ç%º'ª'ª—  
¹,·,é,Û,Ä,ìžžŠÔ,ì·,³,É'Š"—,μ,Û,·Df<[]fv,ìCEJ·Ô,μ,ì,·,é%º'ª'ª'tftf@fCf<,ì[]ê[]#,É"K—  
p,μ,Û,·Df<[]fv,ìCEJ·Ô,μ,ì,È,ç<È,Ä,í^Ó-ì,ðŽ[],ì,Û,¹,ñD

### fvf[]fOf%of€

Ⓜ@u,È,μv[]u,P,Ä,ì<È,ðCEJ,è·Ô,μ%º'ª'ª't[]v[]u~A'±%º'ª'ª't[]v[]uf%of"f\_f€%º

%o't□v,ì't,©,ç,“l,Ñ%oo<sup>o</sup>,<sup>3</sup>,ç□D

**fXfNfŠ□[f“fZ□[fo□[,đ<N“® ,μ,È,ç**

fXfNfŠ□[f“fZ□[fo□[,<sup>o</sup><N“® ,<sup>3</sup>,ê,é□uŠÔ,É□ACPU,ì•%oo%ox,<sup>o</sup>^êŽŽ“l,É□d,,È,è%oo  
%o't,<sup>o</sup>t'f,<sup>3</sup>,ê,é□ê□†,<sup>o</sup>, ,è,Ü,·□D,±,ê,đ”đ,¯,½,ç□ê□†,É,Í,±,±,Éf`fFbfN,đ“ü,ê,Ä,“ ,ç  
,Ä%oo<sup>o</sup>,<sup>3</sup>,ç□D

%o<sup>1</sup>F”gCE`ff[f^,ìfffBfCEfNfgfŠ

%o<sup>1</sup>F”gCE`ff[f^,ìfffBfCEfNfgfŠ@

@ŠyŠí%o<sup>1</sup>F”gCE`ff[f^(\*.FPV),ì, ,éfffBfCEfNfgfŠ,đY’è,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢D

@—áFC:\FPD97\PCM97

## MIDI@fCf<, ©, ç, ì•İŠ•Žž, ìŸ'è

Ⓜ

Ⓜ@•WⓂ€MIDI@fCf<(Šg'£ŽqMID), ©, çFPD—p%o%o'tftf@fCf<(Šg'£ŽqFPD)  
, Ö•İŠ•, , é, Æ, «, ìfpf%ofⓂⓂf^, ìŸ'è, ðs, ç, Ü, •Ⓜ

## fŠfoⓂfu

Ⓜ@fŠfoⓂfuⓂEfgftfFfNfg, ì<,<sup>3</sup>, ðŸ'è, μ, Ü, •ⓂDfŠfoⓂfuⓂEfgftfFfNfg, ì  
%o<sup>1</sup>, ì<ç, «, ÉŠÖEW, μ, Ü, •ⓂD0, ©, ç255, ì"í^í, ÅŸ'è, μ, Ä%o<sup>o</sup>,<sup>3</sup>, çⓂⓂ  
%oŠúŸ'è'ì, í90, Å, •Ⓜ

## fRⓂf%ofX

Ⓜ@fRⓂf%ofXⓂEfgftfFfNfg, ì<,<sup>3</sup>, ðŸ'è, μ, Ü, •ⓂDfRⓂf%ofXⓂEfgftfFfNfg, ì  
%o<sup>1</sup>, ìŸ'è, ÉŠÖEW, μ, Ü, •ⓂD0, ©, ç255, ì"í^í, ÅŸ'è, μ, Ä%o<sup>o</sup>,<sup>3</sup>, çⓂⓂ  
%oŠúŸ'è'ì, í100, Å, •Ⓜ

## 'S%o<sup>1</sup>—Ê

Ⓜ@'S'ì, ì%o<sup>1</sup>—Ê, ð'S'í"ì, É•İX, , é, ±, Æ, <sup>a</sup>, Å, «, Ü, •ⓂD-15, ©, ç15, ì"í^í, ÅŸ'è, μ, Ä  
%o<sup>o</sup>,<sup>3</sup>, çⓂD'ã, «, , , é, ìC'S'ì, ì%o<sup>1</sup>—Ê, <sup>a</sup>ã, <sup>a</sup>, è, Ü, •ⓂDⓂ%oŠúŸ'è'ì, í0, Å, •Ⓜ

## fhf%of€%o<sup>1</sup>—Ê

Ⓜ@fhf%of€fpⓂfg, ì%o<sup>1</sup>—Ê, <sup>3</sup>/<sub>4</sub>, , ð'S'í"ì, É•İX, , é, ±, Æ, <sup>a</sup>, Å, «, Ü, •ⓂD-  
15, ©, ç15, ì"í^í, ÅŸ'è, μ, Ä%o<sup>o</sup>,<sup>3</sup>, çⓂD'ã, «, , , é, ìCfhf%of€fpⓂfg, ì%o<sup>1</sup>—  
Ê, <sup>a</sup>ã, <sup>a</sup>, è, Ü, •ⓂDⓂ%oŠúŸ'è'ì, í0, Å, •Ⓜ

## ftf@fCf<•Ÿ'Ÿ

Ⓜ@MIDI%o%o'tftf@fCf<(\*.MID), ð-Â, ç, , Æ, «, ìC^ê"xFPD—p%o  
%o'tftf@fCf<(\*.FPD), É•İŠ•,<sup>3</sup>, è, Ü, •ⓂDFPD—p%o%o'tftf@fCf<(\*.FPD), ð•Ÿ'Ÿ, μ, Ä, , -  
, ÆCŽŸ%oň, ìÄŸŽž, É(\*.FPD)  
, ð'ì'ð, Å, «, Ü, , ì, ÅCÄŸŠŽn, Ü, Å, ìžžŠÔ, <sup>a</sup>Zk, Å, «, Ü, •ⓂD, »), ìŸ'è, ð, ±, ±, Ås, È, x  
, ±, Æ, <sup>a</sup>, Å, «, Ü, •Ⓜ

# WAVftf@fCf<,Ö,ì·İŠ·Žž,ìŸ'è

⊞@FPDftf@fCf<,©,çWAVftf@fCf<,Ö,ì·İŠ·,ì,Æ,«,ÉŽg,í,è,éfpf%of⊞[f^,ìŸ'è,ð⊞s,ç,Ü,·⊞DfŠfAf<f^fCf€Ŧ,À,ì%o%o't,ª,À,«,,È,ç<@Ží,ð,Žg,ç,ìê⊞‡,É,Í⊞C^ê"x,±,±,À·İŠ·,μ,Ä,¨,ç,Ä,©,çWAV⊞Ä⊞¶,ð,·,é,±,Æ,À⊞C,«,,¿,ñ,Æ<È,ð⊞Ä⊞¶,·,é,±,Æ,ª%oÂ"\,À,·⊞D

## ⊞Ä⊞¶fCE⊞[fg

⊞@WAVftf@fCf<,ì⊞Ä⊞¶fCE⊞[fg,É"ä—á,μ,ÄTfCfY,ª'â,«,,È,è,Ü,·⊞D  
⊞@11.03KHz,¾,Æ,â,í,è%o¹Ž¿,ª^«,,È,è,Ü,·,ì,À⊞C22.05KHz,ªftf@fCf<fTfCfY,ì-È,©,ç⊞l,ì,Ä,à^è"Ô,¨E,ß,À,«,é'l,À,·⊞D

## fGftfFfNfg⊞^—⊞

⊞@⊞u,È,μ⊞v⊞ufŠfo⊞[fu,ì,Ÿ⊞v⊞ufŠfo⊞[fu⊞Efr⊞[f%ofX⊞v,ì,RŽí—p,ì't,©,ç'l'ð,μ,À%oº,³,ç⊞DfR⊞[f%ofX,ì,Ÿ,ìŸ'è,Í⊞s,ì,Ü,¹,ñ⊞D,±,ê,ç,Í⊞C%o%o'tftf@fCf<(\*.FPD),ì't,À⊞C-¾Ží"l,É⊞',©,ê,Ä,ç,È,¨,ê,ÍCEø%oÉ,í,è,Ü,¹,ñ⊞D<t,É⊞C%o%o'tftf@fCf<(\*.FPD)"à,À⊞',©,ê,Ä,ç,Ä,à⊞C,±,±,ìŸ'è,À<-%oÂ,ª,³,ê,Ä,ç,È,¨,ê,Í⊞DfGftfFfNfg,ìCEø%oÉ,ð-³Ž<,μ,Ü,·⊞DWAVftf@fCf<,É⊞o—,ì,·,é⊞Ü,É,Í⊞AfŠfAf<f^fCf€⊞«,ª—v<⊞,³,ê,Ü,¹,ñ,ì,À⊞A⊞ufŠfo⊞[fu⊞Efr⊞[f%ofX⊞v,ÉŸ'è,μ,Ä,¨,¨,î,ç,ç,À,μ,â,⊞⊞D

## fpf"⊞§CEä

⊞@⊞o—í,ðf,fmf%of<,©fXfefCEfl,ì,ç,¿,ç,À⊞s,È,⊞,©,ì'l'ð,ª,À,«,,Ü,·⊞DCEvŽŽ<@-{'ì'à',ìfXfs⊞[fj⊞[,©,ç%o¹,ð⊞o,·,Æ,«,,ìf,fmf%of<⊞CŠO·"fXfs⊞[fj⊞[,©,ç%o¹,ð⊞o,·,Æ,«,,ìfXfefCEfl,ÉŸ'è,·,é,Æ,æ,ç,À,μ,â,⊞⊞D,Ü,½⊞CCEvŽŽ<@,ìPHONE'[Žq,©,çfXfefCEfl—pfCf,,fzf",À,¨®,«,,É,È,é,Æ,«,,É,à⊞CfXfefCEfl,ÉŸ'è,μ,À%oº,³,ç⊞D,È,¨⊞CfXfefCEfl,ìf,fmf%of<,ì,Q" {,ìftf@fCf<fTfCfY,Æ,È,è,Ü,·⊞D

## f<⊞[fv,ìCEJ·Ô,μ

⊞@f<⊞[fv,ìCEJ·Ô,μ%oñ⊞",ðŸ'è,μ,Ü,·⊞D^ê·",ì%o%o'tftf@fCf<,É,Í⊞C·W⊞€,ìŸ'è,À,í%o%o't,ª⊞l—¹,μ,È,ç,Àf<⊞[fv,ðCEJ,è·Ô,·,à,ì,ª,è,Ü,·⊞DWAVftf@fCf<,Ö,ì⊞o—,Í,Í⊞A2,ÉŸ'è,μ,Ä,àf<⊞[fv·"·ª,À"¨,¶ff⊞[f^,ª2%oñCEJ,è·Ô,³,ê,é,¾,¨,È,ì,À⊞C,½,ç,Ä,ç,Í1,À⊞·ª,¾,ÆŽv,í,ê,Ü,·⊞D,È,¨⊞C·W⊞€MIDIfTf@fCf<(\*.MID),ì<È,À,ìf<⊞[fv,Æ,ç,⊞ŠT"O,ª,è,Ü,¹,ñ,ì,À⊞C,±,±,À,ìŸ'è,í^Ó-ì,ðŽ⊞,¿,Ü,¹,ñ⊞D

## ftfF⊞[fhfAfEfg

⊞@f<⊞[fv⊞l—¹ŽŽ,É,¨,¨,éftfF⊞[fhfAfEfg,ì'—"x,ðCE^,ß,Ü,·⊞D,±,ê,Í⊞C%o%o't⊞l—¹ŠÓ<ß,À%o¹,ª,¾,ñ,¾,ñ,Æ⊞-,³,,È,èŽn,ß,Ä,©,ç%o%o't,ª⊞l—¹,·,é,Ü,À,ìžžŠÓ,ì',³,É'Š"—,μ,Ü,·⊞Df<⊞[fv,ì,è%o%o'tftf@fCf<,Àf<⊞[fv,ìCEJ·Ô,μ%oñ⊞",ðŸ'è,μ,Ä,ç,é⊞ê⊞‡,ÉCEø,ç,Ä,«,,Ü,·⊞Df<⊞[fv,ªŸ'è,³,ê,Ä,ç,È,ç<È,À,í^Ó-ì,ðŽ⊞,¿,Ü,¹,ñ⊞D

**fTf“fvfŠf“fOfrfbfg”**

□@8frfbfg,Æ16frfbfg,ì'l'đ,ª%oÂ"\  
,Å,·□D16frfbfg,Å,í8frfbfg,ì2" {,ìftf@fCf<fTfCfY,É,È,è,Ü,·□DFPD97,Å,í8frfbfg,Å,àf{  
fŠf...□[f€'2□@,đ□s,ç,Ü,; ,ì,Å□A,» ,ê,È,è,É—Ç,ç  
%o<sup>1</sup>Ž,ª<sup>3</sup>/<sub>4</sub>,ç,ê,Ü,·□D,» ,ì,½,ß8frfbfg,É□Ý'è,μ,Ä, " , - ,î□\•ª,Å,μ,â,α□D

**'□^ó**

%o<sup>1</sup>ŠyCD,đ□ì□¬,; ,é□û,É,í□A44.10KHz□AfXfefÆfi□AfTf“fvfŠf“fOfrfbfg”16,É□Ý'è  
,μ,Ä%o<sup>0</sup>,<sup>3</sup>,ç□D



