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CyberLink, Inc.

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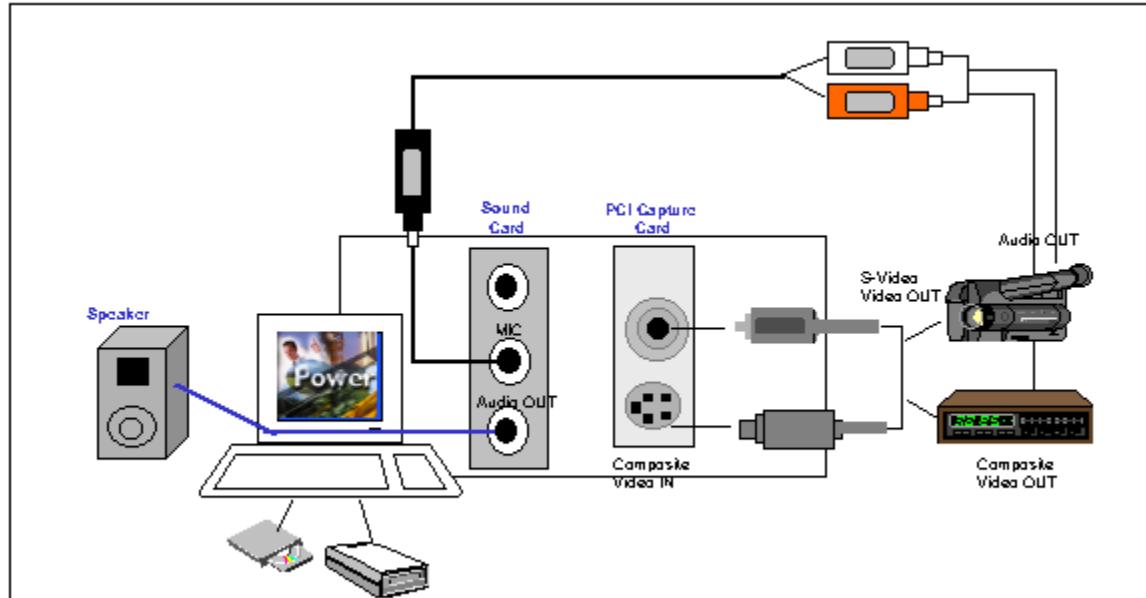
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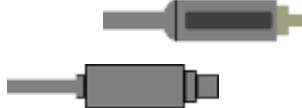
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fAfif}fOfrffffl,ìftfH[f}fbfg

fRf“f|fWfbfgfrffffl,í[A]Ê“x[i]jf‰o[oj]A<P“x[i-¾],é,³[j]Afuf‰of“fLf“fOfyffffXf^f<AfB[f<fh]Af‰ofCf“[Af]f‰o[“Súfpf<fx]AftfB[f<fh]“™‰o»fpf<fx]“™,i’S‰oæ’œ”gŒ`,,ðŠÜ,þfrffffl[M]tftfH[f}fbfg,Å,·BNNTSCfrffffl[M]t,í•j[ø]M]t,i^ê—á,Å,·BfRf“f|fWfbfg[M]t,í“Á,Éfjf‰o[,ð]ÄŒ»,·é[U]A]Ê“x,â<P“x]M]t,i]d•;,É,æ,è[AfGf‰o[,^]¶,¶,éŒXŒü,^,è,Ü,·B

Sfrffffl,í[AH]i8[AS-VHS]AfŒ[fU][ffffBfXfN]»•i,Éžg—p,³,é,éfrffffl[M]tftfH[f}fbfg,Å,·B; i”,íf]fCf,,ðŽg,¤,±,Æ,É,æ,è[A<P“x,Æfjf‰o[•”•^,ð]•È[X,É]`—,μ,Ü,·BSfrffffl,í^ê”È,É[Afjf‰o[,ð]³,μ,ð]ÄŒ»,·é”_,Å[AfRf“f|fWfbfgfrffffl,æ,è,à—D,ê,Å,¢,Ü,·B

fAfif}fOfrfffflftfH[f}fbfg,ì•W]€

Œ»[Y]Afjf‰o[fGf“fR[fhffffl,ìfRf“f|fWfbfg,ÉžO,Å,ì•W]€,^,è,Ü,·B

•W]€ ìà-¾

ftfH[f}fbfg

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| NTSC | NTSC,í[u]National Television System Committee[v,í—a]BElectronics Industries Association,^è`^,μ,½•W]€ftfH[f}fbfg,Å[A “A4MHz,ífuf][fhfLffffXfgof“•Ä]’,íFCC for Broadcast Television[A]ú- {][Af]fif,][Af]fLfvfR,^]i—p,μ,Å,¢ ,Ü,·B,Ü,½[Afrffffl]•ñ[A<P“x]Afjf‰o[“™,ð,·,×,Å’P^ê,ífAfif]fO]M]t,É“]ø‡,·,é %o[•”•^,ð]•”“A”—gZü”g]”,^]ð,í,A,½,ß[A]ufRf“f fWfbfgfrffffl]v,ÆŒÄ,í,ê,Å,¢ ,Ü,·B | 525-{,ì’- ,íü]A60Hz,ìftfB[f<fh]Zü”g] ”A4MHz,ífuf][fhfLffffXfgof“ fh•]A15.75KHz,íf %o[Cf]“Zü”g]”]A1/30•b,ìftfŒ][f]Zü”g]”]A3.58MHz,ífjf %o[•”“A”—gZü”g]”,^]ð,í,A,½fjf‰o[TV•ùZ® |
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| PAL | PAL,í[u]Phase Alteration by Line[v,í—a]B]½fhfCfc]A‰o[p]“™,Ü,Æ,ñ,Ç,ì]¼‰o [f]”]’,Å]i—p,³,é,Å,¢ ,éfuf][fhfLffffXfgfrffffl•W]€,Å,·B,± ,ífVfXfef€,í[A’ä’Ö’-],ü,É, ,éfjf‰o[•M]t]•”•^,ì’Š]í^È’Š,ðf]f]o][fx,·,é,± ,Æ,É,æ,è[A]NTSC,ÉŒ©,ç,é,æ,¤,Èfjf‰o[•,í,ä,^,Ý,ð-hZ~,μ,Å,¢ ,Ü,·B,»,í]¼,í,Å,í]APAL,í]NTSC,Æ,Ü,Æ,ñ,Ç “,¶,Å,·BPAL,í]50Hz,ìfpf][fVfXfef€ ,ðfx][fx,Æ,μ]A50ftfB[f<fh/ •b]í25ftfŒ[f]€/•b]j,í]ð‰z,μ’-],Å625- {,í’-],ü,ð]•\Z],μ,Ü,·B | 25ftfŒ[f]€/•b,Å]A625-{,ì’- ,íü] 442,368]i768 x 576]jfsfNfZf x 3 (RGB) = 1,327,104fofCf]g/ftfŒ[f]€ 1,327,104 x 25 = 33.178 Mb/•b |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

| | | |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| SECAM | SECAM,í[u]Sequential Couleur A Memoire[v,ísequential color with memory]j,í—a]Bftf‰of“fx]A“Œ‰o [f]”]’AF.S.U.ÅA’†“Œ”]’,Å]i—p,³,é,Å,¢ ,éfrffffl•ùZ®,Å,·BPAL” —]ASECAM,í]50Hz,ìfpf][fVfXfef€ ,ðfx][fx,Æ,μ]A50ftfB[f<fh/•b,Å”ð‰z,μ’-],ü,Å,·,μ,½ü,Å]•\Z],μ,Å,¢,Ü,·Bfjf‰o[•ñ,í]AŠe’-],ü,ð]~A’±,μ,Ä]iR-Y,í]Cä]AB-Y,Æ’±,,É,Ç]“`— ,³,é]Ažü”g]”•í’²,³,é,½•”À’—”g,É,æ,è”]- | 25ftfŒ[f]€/•b,Å]A625-{,ì’- ,íü] |
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,³,ê,é,½,ßANTSC“`—,íÛÛ¶¶,¶,½,ä,³,Ý,ð—
hŽ~,µ,Ä,¢,Ü,·B

ffffWf^f<frffffIftfH{fbfg,i•W€

Four

CharacterfR[fh,Ü,½,ÍFOURCC,ÍAMicrosoftŽÐ,³,Ü,‘,Ü,Èf^fCfv,ffffWf^f<frffffIff[f^,ðŒ©•³,~,é,½,ßA]uVideo for Windows]v,í^ê•”•³,Æ,µ,Ä'è<,µ,½4fofCfgfR[fh,Å,·B

MicrosoftŽÐ,í”ñ^³k,lfCf[]fW,âfrffffl,Éžg—
p,³,ê,½fsfNfZf,fŒfCfAfEf,ð‘Æž©,ÉŒ©•³,~,é,½,ß,ÍFOURCC,ð’è<,µ,Ü,µ,½B,½,Æ,!,íAFOURC
C]uYUY2]v,ÍYUVfXfy[fX]iRGB,É’í,µ,Ä]j,lfsfNfZf,fŒfCfAfEf,ðŒ©•³,~,Ü,·B,±
,ê,ç,lfR[fh,ífrffffIflffffv`ffff]l[fh,âfof%oftfBfbfNf]l[fh,lfCf“f^][ftfFfCfX,Éžg—p,³,ê,Ä,¢,Ü,·B

MPEG-1^3

MPEG-1f_{ffff}, ISO/IEC • W_€, ľēží, Å, · MPEG Moving Picture Experts Group, ī A1.5 Mbps^{^E}
‰, ī fof "fh•, Éžû, Ü, é, æ, x³k, μ, ½" "ŠúfffWf^{^f}f_{ffffBfl}, AE_{AfffWf^{^f}f_{ffffl}}ifmf"fcf" f^{^f}C_E[f X], ī frfbfgfXfgfS[f€, ð•\E», ., é è<, ðC^{^E} è, μ, Ü, μ, ½ B
-ñ1.1Mbps, ī frffffl-p, Å A128kbps, ī fl[ffffBfl-p, AE, È, Á, Ä, ., è AŽc, è, IMPEGfVfXfef€—p, Å, · MPEG-1, ī ;", ī VfXfef€, Å \n→, , ī A, ±, ±, ÅŽå, Éd—v, ÈfVfXfef€, ī frffffl, AEf[ffffBfl, Å, ī BMPEG-1VfXfef€, ī è, Å, ī frfffflXfgfS[f€, ð è, Å, , é, ç, ī ;", ī fl[ffffBflXfgfS[f€, AE½d, μ, ½, è A" "Šú, μ, ½, è, ., é-ð-Ú, , è, Ü, ī BMPEGfVfXfef€fXfgfS[f€, ïSÈP, È A¶¹ ÈŠO, É, à AF‰ "f f€fAfNfZfX A¶'—, è AŠ, «-ß, μ, , Å, «, Ü, · B

MPEG-1

MPEG-1f1□[ffffBf]fA□[fLfefNf`ff

fVfXfef€—v<□

- fŠfAf<f^fCf€, i~^‰œ@F@uPentium II 266 MHz@vfvf\fZfbfT\A\á32MB RAM
 - AVIfRf“fo@[fWfjf“@F@uMMX Pentium 166 MHz@vfvf\fZfbfT\A\á32MB RAM
 - Video for Windows, É‰œž, µ, ½PCIfrfffflflffffv`ffffj\fh
 - @uWindows 95@v, Ü, ½@uWindows 98@v

MPEG-1frfffIftf@fCf<,í·ì·¬•û-@

PowerVCR,¡fZfbfgfAfbfv

VCR■ATV■ACCD,È,Ç,©,çMPEG-1frfffIftf@fCf<,É~^‰œ

AVIftf@fCf<,ðMPEG-1ftfH■[f}fbfg,É•ïš·

•i■".¡frfffIftf@fCf<,©,çfJfbfg&fy■[fXfg<@"\",ðžg,Á,ÄMPEG-1ftf@fCf<,ð•Ò■W

PowerVCR,¡fXfe■[f^fXfpflf<

frffffl,δMPEG-1ftf@fCf<,É~^%oæ,·,é

Sfrffffl,Ü,½,ífRf“f|
 fWfbfgfrffflfP|[fuf<,ì,C,ì,ç,©,ðŽg,Á,Ä]AfrfffflfffofCfX,ðfrfffflfLffffvf`ffffj|[fh,É]³,μ,Û'±
 ,μ]A,Ü,½frfffflfffofCfX,ðfTfEf“fhfj|[fh,âfj|[fffBf]l]o—ífXfs|[fj]l,É]³,μ,Û'±,μ,Ä,-
 ,¾,³,¢]B]uPowerVCR]v,ífrffffl,ìÄ]¶'t,ÉMPEG-1frffffl,Ä~^%oæ,Å,«,Ü,·]B
 Ü,μ,,í]AffffWf^f<frffffl,ífZfbfgfAfbfv,δ,²—,,¾,³,¢]B



f%oCfufrffffl,δMPEG-1ftf@fCf<,É~^%oæ

- ~^%oæ,·,é'Ó,É]A]uPowerVCR]v,ðŽÀ]s,³,ê,Ä,¢,éfn|[fhffffBfXfNfhf%oCfu,ìó,«—e—
 Ê,ðŠm" F,μ,Ä,,¾,³,¢]B]uPowerVCR]v,ðMPEG-1ftf@fCf<,ðfSfAf<f^fCf€,Ä~^%oæ ; ,é]Ü,É•K
 —v,Æ,³,ê,éfn|[fhffffBfXfN,ìó,«—e—Ê,í%oø•\,ðŽQ]Æ,μ,Ä,,¾,³,¢]B

**MPEG-
1fvf]ftf@fCf<f^fCfv** ~^%oæ'†,É•K— v,È—e—È

| | | |
|------------------------|----------------------|-----------------------------------------|
| Constant Quality Movie | 44MB]i1•²ŠÔ,ífrffffl | 22MB]i1•²ŠÔ,íMPEG- 1frfffflftf@fCf<] |
|------------------------|----------------------|-----------------------------------------|

| | | |
|------------|----------------------|----------------------------------------|
| VCD]iNTSC] | 18MB]i1•²ŠÔ,ífrffffl | 9MB]i1•²ŠÔ,íMPEG- 1frfffflftf@fCf<] |
|------------|----------------------|----------------------------------------|

-]uPowerVCR]v,íf]fCf“fvf]fOf%oCf€,ëŠjŽn,·,é,AE]A“ü—ífrfffflfXfgfS]f€
 ,ä]uPowerVCR]v,ífrfffflfffBfXfvfŒfCfEfBf“fhfE,Ä]Ä]¶,³,ê,Ü,·]BMPEG-1,í~^
 %oæ,ðŠjŽn,·,é,É,í]A<~^%oæ>f{f^f“,ð%oY,μ,Ä~^
 %oæ,ðfXf^f]fg,μ]A<'âŽ~>f{f^f“,ðfNfSfbfN,μ,Ä~^
 %oæfvf]fZfX,ðfXfgfbfv,μ,Ü,·]B,>,í]Eä]A]uPowerVCR]v,íŽY,ífXfefbfv,Ö,Æ]i,Ý]Af€]fr]l,
 í]ì]n,ðŠjŽn,μ,Ü,·]B,±,ífvf]fZfX,ëŠ®—¹,·,é,Ü,Ä]Xžš]S,³,©,è,Ü,·]B

3. ~ ^ % æfvf[ZfX, aŠ®—¹, μ, ½ŒãA< Ä¶> f{f^f“, δfNfŠfbfN, μ, ÄA|i~ ^
 % æ, μ, ½ftf@fCf<, δŠm”F, μ, Ü, ·B< Ä’å
 % »> f{f^f“, δfNfŠfbfN, μ, ÄAfrfflÄ¶, δftf, fXfNfŠl[f“f, f, f, Å•\Z|, Å, «, Ü, ·B
4. ~ ^ % æ, μ, ½frffl, δftf@fCf<, É•Ü’¶, ..é, É, íA <-¼’O, δ•t, -, Ä•Ü’¶> f{f^f“, δfNfŠfbfN, μ, ÄA-
 Ú”I, léS, É•Ü’¶, μ, Ü, ·B uPowerVCRl v, l~ ^ % æftf@fCf<, δuMPGl v, lŠg’fZq, a•t, c
 , ½ftf@fCf<-¼, Ä•Ü’¶, μ, Ü, ·B 1%oñ-Ú, l~ ^ % æŒãA’S, lV, μ, c ~ ^
 % æfvf[ZfX, δŠjŽn, μ, ½, c]é#A <fnfŠfA> f{f^f“, δfNfŠfbfN, μ, ÄA uPowerVCRl v l<Ef ff
 BfŒfNfgfŠ, É, .é, .x, Ä, lfe“f[f%o fŠftf@fCf<, δA<ž, μ, Ü, ·B @ AŽY%oñ, l~ ^ % æ“à-e, δ’O
 % oñ ~ % æ, μ, ½frffl, lAŒã, É’C‰A, μ, ½, c]é#A, ±, l<fnfŠfA> f{f^f“, lâ’í‰Y, ³, È, c, Å,-
 , ¾, ³, c]B

□uPowerVCRl v ~ ^ % æf^fxjfN, lfxjfPfWf...l[f< Y’è

1. <f^fCf} l[> f{f^f“, δfNfŠfbfN, ..é, ÄE A uPowerVCRl v, aŽw’è, μ, ½fxjfPfWf...
 l[f< È, èAŽ @ “®”I, É~ ^ % æfvf[ZfX, δŠjŽn, muAŽw’è, μ, ½žžSô, ¾, l~ ^
 % æ, .é, æ, xY’è, Ä, «, Ü, ·B, ½, Ä, l, lA uPowerVCRl v, aTV”Ô’g]ifLffffv] fffffofCfX, aTVf`f...
 l[fi]“ü—í, δfTf]l[fg, μ, Ä, c, é]é#]j, δ~ ^ % æ, .é, æ, xfxjfPfWf...l[f< Y’è, Ä, «, Ü, ..

MPEG-1, l~ ^ % æfpf‰of]f^ifvf]ftf@fCf<ij, lY’è

□uPowerVCRl v, l[u, •iŽ]v, Èfrfffl ~ ^ % æ-p, ÉAMPEG-1fvf]ftf@fCf<fpf
 % o]f]f^, a]fft]fHf]fg, ÄY’è, ³, é, Ä, c, Ü, ·B”A•È, È-Ú”I, ÄA, », l’¼, l~ ^
 % æfvf]ftf@fCf<, δY’è, μ, ½, è]Aft]fU]“ÆZ @, l~ ^
 % æfvf]ftf@fCf<, δ’è<, μ, ½, c]é#A <fvf]ftf@fCf<> f{f^f“, δfNfŠfbfN, μ, ÄY’è, δ]s, Ä, -
 , ¾, ³, c]BMPEG-1fvf]ftf@fCf<, lY’è, ÉŠÖ, .é]i•ñ, lA MPEG-1frfflfv]ftf@fCf<, l’è<, δ, ²—,-
 , ¾, ³, c]B MPEG-1 ^3]k, É, Ä, c, Ä, àZQ]AE, μ, Ä, , ¾, ³, c]B

frfffl/f]l[ffffBf]ffffofCfX, lY’è

“ü—íff]f^fxfgfŠ]f€, δ’²]B, .é, ½, B, ÉAfrfffl/
 fl]l[ffffBf]fn]f]fhfEfFfAf]ffofCfX, d]Y’è, μ, ½, c]é#A <Y’è> f{f^f“, δfNfŠfbfN, μ, Äž]s, μ, Ä,-
 , ¾, ³, c]B frfffl/f]ffffv]f]fffft]fH]f]fbfg, l’è<, δ, ²—,, ¾, ³, c]B

AVIftf@fCf<,ðMPEG-1ftfH [f}fbfg,É•Їš·

L%o^-e-È,ìØß-ñ,â"z•z-Ú"I,È,Ç,Å-AAVIftf@fCf<,ðMPEG-
1ftf@fCf<,É•ïS·,µ,½,¢ê‡,íAüuPowerVCRüv,lfRü[fh•ïS·<@"\,ðŽg-p,µ,Ü,·üB
MPEGftf@fCf<,ífNfljŠfefB,íAftü[fX,ífNfljŠfefB,æ,è,à•K, „«,È,é,±,Æ,ð,²-¹ü³,-
¾,³,¢üBüuPowerVCRüv,ífü[fXftf@fCf<,ífvfüfpfefB,ºMPEG,í•K-vüðŒü,ð-
ž,½,³,È,¢ê‡üAftf@fCf<,ºMPEG,Éí
‰ž,·,é,æ,¤²üß,µ,Ü,·üB,½,Æ,!,íAMPEGftfŒü[f€fŒü[fg,í23.976üA25üA29.97üA30FPS,Å,·üBü
ü[fXftf@fCf<,íftfŒü[f€fŒü[fg,ºüä,üL,¢
,,é,©,É®,³,È,¢ê‡üAüuPowerVCRüv,íftfŒü[f€fŒü[fg,í•ïS·,ðüS,¢,Ü,·üBü
ü[fXftf@fCf<,©,çüÅü,•iŽ,ìMPEG'‰žftf@fCf<,ðüìü-,·,é,½,ß,ÉüA'½,,l'²üß,ºüS,í,é,éüê‡,º, ,è,Ü,
·üB



AVI **MPEG-1**

^{1/4},δŒ^,β,^{1/2},ç[•]A<•Û'¶>f{f^f'',δfNfŠfbfN,µ,Ä,-
^{3/4},³,ç[•]B,»,µ,Ä<fŒ>f{f^f'',δfNfŠfbfN,,ê,î[•]AMPEG-1ftf@fCf<•ïš·ïý'ë,äš®—¹,µ,ü,·ïB

6. ,³,₃,ÉAVIftf@fCf<,ð·ïŠ·,₁/₂,ç[]êÙ‡,íÙA2Ù`6,¡fxfebfv,ðŒJ,è·Ô,µ,Ä,³/₄,³,ç[]BÙìÙ¬,·,éMPEG-1ftf@fCf<,ífvfÙftf@fCf<,ðÙCÙ³,µ,¹/₂,ç,Æ,«,ífWftfufŠfXfg,É, ,éŠY“-ftf@fCf<-¹/₄,ð'Í'ð,µ,¹/₂ŒäÙA<fwftfu,ì·ÙW>f{f^f“,ðfNfŠfbfN,µ,ÄÙAÙì<Æ“à-e,ìÙCÙ³,ðÙs,Á,Ä,-³/₄,³,ç[]B

7. ŠÖ~A,·,éÙY‘è,ð,·,x,ÄŽw‘è,µÙI,!,¹/₂,ç[]AfWftfufŠfXfg,É, ,éAVIftf@fCf<,ð'Í'ð,µ,Ä,-³/₄,³,ç[]B<ŽAÙs>f{f^f“,ðfNfŠfbfN,·,é,ÆÙAŽ©“®“I,É·ïŠ·Ù^—Ù,ðŠJŽn,µ,U,·ÙB

8. ftf@fCf<,ì·ïŠ·,äŠ®—
¹,µ,¹/₂,çfEfBf“fhfEÙä,ì<PLAY>f^fu,ðfNfŠfbfN,µÙA,»,µ,Ä<ÙÄÙ¶>f{f^f“,ðfNfŠfbfN,µ,Ä,Ý,Ü,µ,å,¤ÙB,·,é,ÆÙAAVI,©,çMEPG-1,Ö,ì·ïŠ·Œ<%oÈ,ðŠm“F,Å,«,Ü,·ÙBPowerVCR,ÅÙÙ¬,µ,¹/₂MPEG-1ftf@fCf<,íÙufÙffffBfAfvfŒÙ[f,,Ùv,È,ç,ìIMPEG-1fvfŒÙCf,,Ù[,,ÅÙÄÙ¶,Å,«,Ü,·ÙB

• i” , lfrfffflftf@fCf<, © , cfJfbfg&fy[lfxfg<@”\,ðŽg, Á, ÄMPEG-
1ftf@fCf<, ð•ÒíW

PowerVCR,É,ÍMPPEG-1frffffljtf@fCf<,ljtfCE[] [f€fAfNfZfX<@"\,ä"ö,í,Á,Ä,¢ ,Ü,·B,Â,Ü,è[AŠù'¶,ÍMPPEG-1ftf@fCf<,©,ç•K—v,ÉfV[] [f",ì,Ý,ð[]Ø,è"”,±,Æ,¤‰Å\ ,Å[]A'¼,ÍMPPEG-1ftf@fCf<,Æ,í~AŒ<,É,Ç,à[]s,,ü,·B,± ,ê,É,æ,è[AfifSfWfif<,lfrffffljtf@fCf@,ð[]i[]-,Á,«,Ü,·B



• i "", ïMPÉG-1ftf@fCf<, ð~AŒ<if} ï[fWij, ., é

- <fvf\|fOf‰f€>f{f^f“,ðfNfŠfbfN,μ\A<frffffl\GffffBf^>,ð'l'ð,μ,Ü,·\B
 - <fNfŠfbfv,ì'Ç‰Á>f{f^f“,ðfNfŠfbfN,μ,Ä\A'f\p,Æ,È,éMPEG-
1ftf@fCf<\i\umpg\l,lf\ftf@fCf<\šg'f\žq\j,ð'Ç‰Á,μ,Ü,·\B‰E‰o•”,É\uf\ftf@fCf<-1/4\l,Æ•\Z\i,\l, ,é\f\p\ftf@fCf<,l'l'ðfEfBf”fhfE,æ,è\A'f\p,Æ,È,éMPEG-
1ftf@fCf<,ð'l,N,Ü,·\B<\”>f{f^f“,ðfNfŠfbfN,μ,Ä,,¾,³,¢\B
 - 'l'ð,μ,½MPEG-
1ftf@fCf<,©,ç^ê•”•¤,ð\Ø,è”²,«,½,¢\ê\#A<S>f{f^f“,ðfXfNf\l\l\f<,μ,Ä\J\žn'n”_,ð\A<E>f{f^f“,ðfXfNf\l\l\f<,μ,Ä\l\I-’n”_,ð\Y'e,μ,Ä,,¾,³,¢\B<f\Œ>f{f^f“,ðfNfŠfbfN,·,é,±,Æ,Ä\A'l'ð,μ,½frffffl,ðfWf\+fuf\šfxfg,É'o~\A,«,Ü,·\B



4. • j" ,IMPEG-
1ftf@fCf<,ð1,Â, jftf@fCf<,É~AŒ<if}][fWoj,μ,½,¢ê‡,íA2`3, jXfefbfv,ðŒJ,è•Ô,μ,Ä,-
¾,³,¢B
5. fWf+fufŠfXfg,©,çMPEG-
1ftf@fCf<,ðŒœ,·,é,É,íAfWf+fufŠfXfg,©,çftf@fCf<,ð'ł,μA<fnfŠfbfv,íœ>f{f^f“,ðfnf
ŠfbfN,μ,Ä,,¾,³,¢B
6. fWf+fufŠfXfg,É•À,ñ,¾MPEG-1ftf@fCf<,í"Ô, j•íX,ÉŠÖ,μ,Ä,íA-
Ú"l, jftf@fCf<,ð'ł,μA<ä>,Ü,½,í<%o>f{f^f“,ðfnfŠfbfN,·,é,±,Æ,À•íX,À,«,Ü,·B
- 1.loch<žÀs>f{f^f“,ðfnfŠfbfN,·,é,ÆPowerVCR,íf_fCfAfOf{fbfNfX,ð•ž!,μA•Ú'¶æ, jfpfx-
¼,Æftf@fCf<-¼,ð"ü—í,·,é,æ,¤—v<,μ,Ä,«,Ü,·Bftf@fCf<-
¼,ðžw'è,μ,Äf_fCfAfOf{fbfNfX,í<•Ú'¶>f{f^f“,ð%oÝ,·,±
,Æ,ÀAftf@fCf<, jfjfbfg^~AŒ<,Æ,¢,À,½^—,žÀÛ,ÉžÀs,³,ê,Ü,·B
8. MPEG-1ftf@fCf<,íØ,è"²,«A~AŒ<ì<Æ,ž®—
¹,μ,½,çfEfBf“fhfEä, i<PLAY>f^fu,ðfnfŠfbfNÀ,»,μ,Ä<Ä¶¶>f{f^f“,ðfnfŠfbfN,μ,Ä,Ý,Ü,μ,
å,¤B,·,é,ÆAAVI,©,çMEPG-
1,Ö, j•š·Œ<%oÈ,ðšm" F,À,«,Ü,·BPowerVCR,Ài—,μ,½MPEG-
1ftf@fCf<,íuffffBfAfvfŒ[f,·v,È,ç,IMPEG-1fvfŒfCf,,·[,ÀÄ¶,À,«,Ü,·B

frfffffLfLffffvf`fffftfH[]([f}fbfg,ì'è<`

frffffl Y'è

fli [fff] B fli Y' è

ÚXÍY'è

MPEG-1frfffIfvf@fCf<,l'è<

□uPowerVCR□v,íAfrfffIftf@fCf<,l'~^‰æ,„,æ,Ñ•ïS.—p,ÉMPEG-
1frfffIfvf@fCf<,ð□Y'è,Å,«,Ü,·□B□uPowerVCR□v,É,íAŽY,í4,Å,í•W□€frfffIfvf@fCf<,²'ñ<Y,³,
ê,Å,¢,Ü,·□B“Á•É,É□ØŒ,²•K—v,É□é□‡,íA<□V<K>f{f^f“,ðFNfŠfbfN,μ,Å□Aft□[fU□[“ÆŽ©,l'~^
‰æfvf@fCf<,ð'è<,·é,±,Æ,à,Å,«,Ü,·□B^‰æfvf@fCf<,l'ftf@fU□[l'è<□B

MPEG-1^3□k,É,Å,¢,Ä,ðŽQ□Æ,μ,Ä,,³/₄,³,¢□B



MPEG-1fvfXfef€fxfgfS@fCf<,l'žd—l

| | | | | |
|----------------|------------------|------------------|------------------|----------------|
| 4 | ,È,μ | ,È,μ | ,È,μ | 4 |
| □ó<μ,É,æ,é | 1152 kbps | 1152 kbps | 1152 kbps | □ó<μ,É,æ, é |
| fl@fx,É,æ,é | SIF (352x240) | SIF (352x240) | CIF (352x288) | fl@fx,É,æ,é |
| 24 fps | 29.970 fps | 23.976 fps | 25.000 fps | 15 fps |
| IBBPBBPBB P | IBBPBBPBB P | IBBPBBPBB P | IBBPBBPBB P | IP |
| l,'~ | l,'~ | l,'~ | l,'~ | l,'~ |
| fXfef€fl | fXfef€fl | fXfef€fl | fXfef€fl | fXfef€fl |
| 224 kbps | 224 kbps | 224 kbps | 224 kbps | 128 kbps |
| f€fCf,,□[2 | f€fCf,,□[2 | f€fCf,,□[2 | f€fCf,,□[2 | f€fCf,,□[2 |

MPEG-1fvf@fCf<,ð□Y'è,·,é,ÛAfrfffI~^‰æ,É,íufRf“fxf^f“fgfNflŠfefB□v□i‰of’œ•iž—

Dæj, à, µ., íufRf“fxf^f“fgfrfbfgfŒ[fg]vifrfbfgfŒ[fg—
Dæj, i, ç, ï, ©, ð'l'ð, Å, «, Ü, ·BufRf“fxf^f“fgNflfŠfefBvfvfŒftf@fCf*i* Constant Quality
Moviej, âu^{2°}/4P°N°EP°v(Easy Movie), È, Ç, lfrfbfgfŒ[fg, íCEÅ'è, ³, ê, Ä, ç, Ü, ¹, ñ, aA~ ^‰œžž, i
‰œfœ•iž, í^è'è, È, È, è, Ü, ·B^è•ûAVCD(EPÅPmuCD)fvfŒftf@fCf*i*uVCD(NTSC)Œv, âuVCR(PAL)
Œv, È, Çj, Å, íAfrfbfgfŒ[fg, aCEÅ'è, ³, ê, Ä, " , èA~ ^‰œ, ðs, xžšO, ©, ç•K—v, ÈfffBfxfN—e—È, ð
—v^a, Å, «, Ü, ·B, µ, ©, µ‰œž, í^è'è, Å, í, , è, Ü, ¹, ñB

PowerVCR, Å, íA0i—Çj, ©, ç4iÅ, Ü, Å5, Å, jfNflfŠfefBfŒfxf, aY'è, Å, «, Ü, ·B
‰œœž, ð, ., Y'è, ., é, Ü, ÇAftf@fCf*fTfCfY, íå, ., È, è, Ü, ·B*

frffffI[Y'e]

frffffI[Y'e], Å, í[AfRf“fsf...][f^,]frffffI[fLffffv`fffffofCfX,]frffffI“ü—
í, l[Y'e, ð[s, l, Ü, ·B, μ, ½, ³, Å, Ä[A]Y'e]EfBf“fhfE, íSefn[fhfEfFfA,]fhf
%ofCfo, É, æ, è, », ê, ¼, ê^Ü, È, è, Ü, ·B‰o°<L,]fSfxfg, l[uBrooktree Bt848[vfLffffv`ffffhf
%ofCfo, l[Y'e]EfBf“fhfE—á, Å, ·B, », l'¼,]fLffffv`ffffhf‰ofCfo, Å, í[A•\Z|, ³^Ü, È, è, Ü, ·B

**frffffI[fX]@PowerVCR, ÅfrffffI“ü—í, ð[s, x, ½, ß,]f[fX, ð[Y'e, μ, Ü, ·BfRf“fsf...
][f^, É•;],]frffffI[fX]i, ½, AE, l, i[AVCR]ACCDff]f‰“™ j, ²Ü'±, ³, ê, Å, ç
, é, ê, f[A, », l't, ©, ç1, Å[A]PowerVCR, ÅfrffffI, ð~^‰æ, , éf[fX, ðZw'e, , é•K—v, ³, , è, Ü, ·B**

**frffffIftfH[f]fbfg@[frffffI“ü—í[Z,]frffffIftfCfY, AEfrffffI, ftfH[f]fbfg, ð[Y'e, μ, Ü, ·BfrffffI,]ftfH[f]fbfg, í[É]í[A]uFour Character
Code]v, Ü, ½, l[uFOURCC]vftfH[f]fbfg, Å•\Œ», ³, ê, Ü, ·B]Ü, μ, ç]à-
³/4, i[AfrffffIftfH[f]fbfg, É, Å, ç, Å, ð, ²—, , ¾, ³, ç[B]‘l’ð, μ, ½frffffIftfH[f]fbfg, ðPowerVCR, ³ftf]
][fg, μ, Å, ç, é, ê, f[A]Y'e,]fxfNfS[f“‰E‰o°•”, É, , éfrffffIftfH[f]fbfgftfB[f<fh, É•\
Ž|, ³, ê, Ü, ·B]l’ð, μ, ½ftfH[f]fbfg, ðPowerVCR, ³ftf]][fg, μ, Å, ç, É, ç, ê, f[A]uPowerVCR, í, ±
,]frffffIftfH[f]fbfg, ðftf]][fg, μ, Å, ç, Ü, ¹, ñ]v, AE, ç, xfGf‰o[f]fbfZ[fW, ³, ê, Ü, ·B**

**frffffI, i•\Z|@'P, È, éfn[fhfEfFfAfffofCfX, l[Y'e, i, ±, AE, Å, ·BPowerVCR, Å, ífrffffI~^‰æ—p, É, ±
, è, ç,]fpf‰o]f][f^, ð•K—v, AE, i, μ, Ü, ¹, ñ]B**

**ä‰‰o, ð”¹½“]“, , é@fn[fhfEfFfAfLffffv`fffffofCfX, a’ñ<Y, , éfrffffIftfH[f]fbfg[i]YUY2“™ j, Å~^
‰æ’†]A‰o°fœ, ²ä‰‰o°<t, É•\Z|, ³, ê, é, ê, f[A]f, , è, Ü, ·B, », l[é, i, ±,]f]fvfVftf“, Å[AfrffffI•\
Ž|, ðfm[f]f, f,]fh, É-ß, ;, ±, AE, ³, Å, «, Ü, ·B**

**fvfŒfrf...][/ f]fofŒfCf,][fh f]fofŒfCf,][fh, í[Af‰ofCfu,]frffffI]M]t, AE]AfRf“fsf...
][f^,]ffffBfxfvfŒfCfAf_fvf^, a]¶]→, , é‰æ’œ, ð]d, È, Ä•\Z|, Å, «, é<@”\
Å, ·Bf]fofŒfCf,][fh, ðftf]][fg, μ, Å, ç, éfffBfxfvfŒfCfAf_fvf^, Å, l, YŽg—p, Å, «, Ü, ·B, ç, -
Å, ©, lffffBfxfvfŒfCfAf_fvf^, Å, l[Af]fofŒfCf,][fh, ðftf]][fg, i, μ, Å, ç, Ä, à]A]³, μ, •\
Ž|, ³, ê, È, ©, Å, ½, è]A^A’è, μ, Å, ç, È, ©, Å, ½, è, , é, ê, f[A]f, , è, Ü, ·B, ±,]Œ
’^ö, AE, μ, Å, l[Af]ffffv`ff]ffffofCfX, AEffffBfxfvfŒfCfAf_fvf^,]fhf
‰ofCfo, lSO, ÅfRf“ftfSfNfg, a]¶]¶, ¶, Å, ç, é, ê, f[A]ffffBfxfvfŒfCfAf_fvf^,]fhf
‰ofCfo, a]ŒÅ, ©, Å, ½, è, , é, ±, AE, Å<N, «, é, ±, AE, a, , è, Ü, ·B, ±, i, æ, x, È-
å’è, a]N, «, é, ê, f[A]fvfŒfrf...][f,][fh, ð'l’ð, μ, Å, , ¾, ³, ç]B**



fl□[fffBfl□]Y'è

fÍfÙ[fffBf]Ý'è,À,ífRf"fsf...
Í[f^,ÉfCf"fxfgÍf<,³,é,½fÍ[fffBf]f]Ífh,ð]Ý'è,μ,Ü,·B]Ý'èfxfNfŠÍf",ÍSeflÍ[fffBf]f]Ífhfhf
‰%oCfo,É,æ,è,»,ê,¼,é,Û,È,è,Ü,·BfÍ[fffBf]f]Íffvfv'ff,ÍftfHÍ{fbfg,ð]Ý'è,·,é,É,ÍAfÍ{fUÍ{f}fjf
...fAf,©A,à,μ,,ÍfÍ[fffBf]fÍ{Ífhfhf‰%oCfo,ðZQÍÆ,μ,À,,¾,³,¢ÍB**MPEG-**
1fvfÍftf@fCf,ífÍ[fffBf]Í'è,,à,²—,—,¾,³,¢ÍB



■Ú■x■Y'è

PowerVCR,ÍCPU,í□^—□"—í,ðÅ'åŒÀ,ÉŠ^—p,μAfrfffI□^—□,ífpftfH□[f}f“fX,ÆfNflfŠfefB,ð□,'—%o»,®,ÃŒüä,³,¹,Ä,¢,Ü,·BPowerVCR,íZ©“®“I,EfVfXfef€,ðŒÝö,μAÅ“K,É%o%oZZ-½—ß,ðŠ^—p,μ,Ü,·B■uPentium
IIIvCPU,ð,“Z,¿,íüIAfXfgfŠ□[f~f“fOSIMDfGfNfXfef“fVff“fefNfmf□fW□[□v,ð`fFfbfN,μ,
Ä,,³/₄,³,¢B^—%oæfpftfH□[f}f“fX,â%oæZ,³,ç,ÉŒüä,μ,Ü,·B



CyberLink, l%ooiŽĐ^Ä“à

CyberLinkŽĐi1994”NÝ—§j,íAfrfffI/fI[f]ffffBfI/jftfgfEfFfA»•i,ð’ñ,·,é¢ŠE,ð’ä•\ ,·,éfŠ[f_][Šé

OEoOE±-L•x, EOEo%oC■w

CyberLinkžĐ, ìØÝ—şŽÖ, Å, ,éJau Huang”ŽŽm, íØAØ’—ş’ä~ p’åŠw, jfRf“fsf...
Ø[f^fTfCfGf“fXŠw•”, k³Žö, AE, µ, ÄŒ»ØÝ, à<³•Ù, ðŽ·, Á, Ä, ç
, Ü, ·ØBHuangŽØ, ffrfffflJfTØ[foØ[, áfrfffflJfRf“ftf@fŒf“fxfvfxfef€“™, i•äŽUf}f<f' fØffffBfAfVfXfef€
, É, „, ç, ÄØAØL”íÍ, É“n, éŒoŒ±, ðŽØ, {ØAŒ»ØÝØA“-ŽĐ, jfefNfmfØfWØ[fjfWfff“, ðØæ“±, µ, Ä, ç
, Ü, ·ØB, Ü, ½ØACyberLinkžĐ, jCEOØAAlice H. ChangŽØ, íØA, à, AE, íØçŠE, ð'ä•\, ;, éfEfBf<fx'íØôf\ftfg
‰, iŽĐfgfŒf“fhf}fCfNfØ(Trend Micro Inc.) , jExecutive Vice President, ÅØAf\ftfgfEfFfA<ÆŠE, É, „, ç, Ä'•”N, jŒoŒ±, ðŽØ, {, Ü, ·ØBChangŽØ, íUCLA, ©, çMBA, ðŽæ“³/4, µØAf\ftfgfEfFfAØ»•i, jf}Ø[fPfefBf“fO, „, æ, ñfZØ[f<fx, jfGfLfXfpØ[fg, AE, µ, ÄfØØ[f<fhfØfCfh, ÉŠ^-ô, µ, Ä, ç
, Ü, ·ØB, „, ç, ÉØAfZØ[f<fx, „, æ, ñf}Ø[fPfefBf“fO•”-å, jSfxf^fbft, íØAf\ftfgfEfFfA<ÆŠE, Å5”N^Éñä, jŒoŒ±, ðŽØ, Á, Ä, ç, Ü, ·ØB

←Í,ÈR&D”\-Í

CyberLinkŽĐ,í<—Í,ÈR&Df`í[ƒ€,íjiun Hsu”ŽŽm,ÆJohny Tseng”ŽŽm,É—!,¢,ç,ê]A—½Ž,Æ,à]AfffWf^f<]M]t]—],âff]f^“³]k,É,“,,”éefNfmf]fW]l,É]l,]l,’Ê,µ,Ä,¢,Ü,·]B,Ü,½]A’½,ìR&D•”-å,]fGf”fWfjfA,àŠF]AfRf”fsf...
][f^fTfCfGf”fX,í]CŽm]t,ðŽæ“³/4,µ]Af]l]ffffBfl,“,æ,Ñfrffffl^“³]k,ð]lê-å,Æ,µ,Ä,¢,Ü,·]BR&D•”-å,É,íŒ»]Ý]A4]l,]fGf”fWfjfA,“”ŽŽm]t,ð]A15]l,]fGf”fWfjfA,“]CŽm]t,ðŽæ“³/4,µ,Ä,¢,é,Ù,©]A]l’-§’ä~p’åŠw,]f}f<]ffffBfAŒ¤†]l]Š,È,ç,ÉŽ’<à%o‡]•,ð]s,¢,È,¤,ç]A<Z]p<|-íŠÖŒW,ð^Ûž]l,µ,Ä,¢
,Ü,·]B,³,ç,É]ACyberLinkŽĐ,É,í’Sfvf]fWfFfNfg,É]l<É”I,ÉŒg,í,é3]l,]fp]l[fgfi]l,¤,¢,Ü,·]B,»,ê,½,ê]AWu<³Žö,íffffWf^f<]M]t]—],Æff]f^“³]k,ð]lê-å,Æ,µ]AOuhyoung<³Žö,ífXfs]l[f`]l^—]l]A3DfOf%oftfBfbfNfX]Afo]l[f`]fffffSfAfŠfefB,ð]lê-å,Æ,µ]AChen<³Žö,ífCf”f^“]l[flbfbfgfAfvfŠfP]l[fVf]f”,Æf}f<]fffffBfAfff]l[f`]fx]l[fXfVfXf]f€,ð]lê-

å,Æ,µ,Ä,¢,Ü,·BCyberLinkŽÐ,í,±,ê,ç,ìfpïfgfiïl,©,çftfſTf|ïfg,ðŽó,~,È,ª,çAÅæ'[,ífrffffl/
fïffffBfIƒ\ftfgfEfFfA»•i,ð'Ç<[],µ'±,~,é,±,Æ,ª,Å,«,é,ì,Å,·B

MPEG-1frffffIfA■[fLfefNF`ff

MPEG-1frffff,í■\‘ç,í~A’±,µ,½‰æ’œ,ðfx■[fX,É,µ,Ä,„,è■AŠe
‰æ’œ,É,íffffBfXfvfCfCf■[fW,ð1,Ä■í■–,·,é,í,É•K—v,Éff■[f^,¤ŠÜ,Ü,ê,Ä,ç
Ü,·■Bff■[f^fXfgfS■[f€,É,„,é‰æ’œ,í“‘—,í■†”Ö,¤AZÄ■Ü,É‰æ’œ,ð•\Z|,·,é■†”Ö,Æ^Ü,È,é■ê■‡,¤,é,±,Æ,É^Ó,µ,Ä,,¾,³,¢■B

ŠefsfsNf`ff■[,¤,ç,í,æ,¤,ÉfR■[fh•íS·,³,é,é,©,É■],¤■AŽY,í4Ží—þ,í^Ù,È,éfsfsNf`ff■[,¤,é,Ü,·■B,Ä,Ü,
è■AlftfCE■[f€■APftfCE■[f€■ABftfCE■[f€■ADftfCE■[f€,í4Ží—þ,Ä,·■B

**IftfCE■[f€■iŠ■i€ftfCE■[f€■j,í■A’¼,í■fCf■■[fW,ðŽQ■Æ,µ,È,ç,ÄfR■[fh‰»,³,é,Ä,ç
Ü,·■BMPEG,í■ftfCE■[f€—p,ÉJPEG,ð—~—p,µ,Ü,·■B,±,ê,í■MEGfXfgfS■[f€,É,„,éf
‰of”f,f€fAfNfZfX—pf]fCf`fg,Ä■A’¼,í■fCf■■[fW,ðfR■[fh‰»,·,é■Ü,iŽQ■I,Æ,µ,ÄŽg—p,³,é,Ü,·■B**

**PftfCE■[f€■i—\‘aftfCE■[f€■j,í■A’O■q,í■ftfCE■[f€,Ü,½,íPftfCE■[f€,©,ç,í“®‰æ
—\‘¤,ðŽg,Ä,ÄfR■[fh‰»,µ,Ü,·■B**

**BftfCE■[f€■i’o•ûŒü—\‘aftfCE■[f€■j,í■A•âŠOftfCE■[f€,Ä■A’¼O,Æ■«—
^,í■Ü,Ü,½,íPfsfNf`ff■[ŠÖ,ð•âŠÖ,·,é,±,Æ,É,æ,è■R■[fh‰»,³,é,Ä,ç,Ü,·■B,±,í■vf■[fZfX,í’o•ûŒü
—\‘¤,ÆŒÄ,í,é,Ä,ç,é■ê■‡,¤,é,Ü,·■B**

**DftfCE■[f€■iDCfR■[fhftfCE■[f€■j,í■Ajr■[fh‰»,³,é,½“à•”ftfCE■[f€
,Ä■A”Á•È,ÈftfH■[f}fbfg,Ä,·■B,±,ê,í■,¬ŒÝ■öf,■[fh,ðŽÄ■s,·,é,Æ,«,í,Ý,ÉŽg—p,³,é,Ü,·■B**

•\ž;■‡■~■F

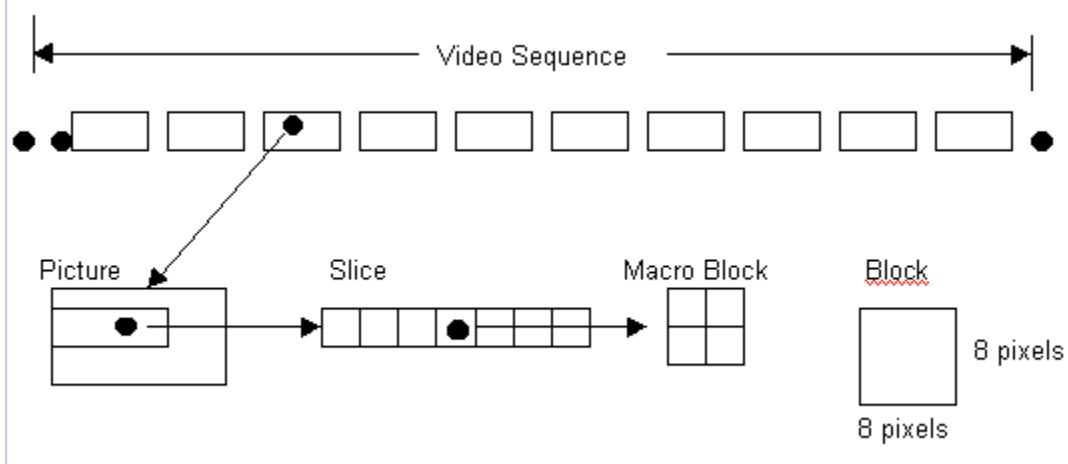
“‘—■‡■~■F I P B B I B B

fGf“fhft■[fU■[—p,ífgfsfbfN,ð,²—,·,¾,³,¢■F

GOP■iGroup of Pictures■j,ÆGOPfCf“f^■[fof<

fXf‰ofCfXfCf“f^■[fof<

MPEGfrffffIfXfgfS■[f€,íff■[f^■ŠK’w



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,Æ, Ä, · Bfuf fbNf }fbf` f“fO<Z p, ðŽg, Ä, Ä Afuf fbN,ÆSe
—\’a Céó•â,Æ, lŠO, É, 1, ¶, éCéé, ð’ä’è, ·, é^—·%o’S, ðÅ—%o», ·, é, ±
,Æ, É, æ, è Af, [fVf#f“fxfNfgf, ðŽæ“³/₄, µ, Ü, · Bf, [fVf#f“fxfNfgf, lCEY o”í^í, àfRfXfg<@”\
, l’l’ð, í AfAf< fSfYf€, l H•v, É, ï, Ë, ç, ê, Ä, ç, Ü, · B l, , x, éf, [fVf#f“fxfNfgf, ð, ·, x, Ä, Ü, Ë, -
CEY o, ·, é•Ü-@, l A%oæZ, E, Æ, A, A, l DCE<%oÈ, È, A, È, a, è, Ü, ·, a A CEvZZ —, a’½,, È, A, Ä, µ, Ü, x
,Æ, ç, xfff fSfbfg, a”o, ç, Ü, · B

GOP – Group of Pictures

MPEG-1frffffI, jff[f^SK'w, ÅJA“Á, Éd—v, Èff[f^‘ç, ÍGOP – Group of Pictures

Pictures

J, Å, ·BGOP, É, í’è, í’A’±, µ, ½ftfCE[f€, ©, ç]¬, ³, ê, Ä, ”, èAŠeGOP, iÅ‰o, jfsfNf` ff[], iASi€ftfCE[f€, Å, , éltfCE[f€, Ä, È, è, Ü, ·BGOP, iA, C, jfsfNf` ff[], iAPABftfCE[f€, Ä, µ, ÄfR[fh‰o», ³, êA, C, jftfCE[f€, aŠi€, Ä, µ, Ä<@”\, ., x, «, ©, È, Ç, ÍMPPEGfGf“fR[f_·ñ, ð’ñ, µ, Ä, ç, Ü, ·B

GOP, ÍGOP’è<, ÉŠ, Ä, «Aul[yftfCE[f€, jZü”g”, ðY’è, µ, Ä, ç, Ü, ·B, ½, Ä, i, iAGOP, ð15, ÉY’è, ., é, AE[A15ftfCE[f€, ², Ä, Éul[vftfCE[f€, a¶¶, ¶, é, æ, xY’è, µ, Ü, ·BGOP, iÅ’å’l, i128, Å, ·BGOP, i’l, a’á, ., ¬, é, AE[Afwfbf_·l, ifl[fo][fwfbfh, a¶¶, È, è, Ü, ·B<t, ÉGOP, i’l, a¶¶, ., ¬, é, AE[Afv[fN]if%of”f_fAfNfZfX[], É’å, «, E§CEÀ, ðZó, , Ü, ·B, ½, Ä, i, iA128, ÉY’è, ., é, AE[Afv[fN, i4•b, ”, «, E§CEÀ, ³, ê, Ü, ·B

SubGOP, ÍMPPEG SubGroupfTfCfY’è<, ÉŠ, Ä, ç, ÄA[uPv]i – ’a[]j, , æ, N[uBv]i’o•ûCEü[jftfCE[f€, jZü”g”, ðY’è, µ, Ü, ·B, ½, Ä, i, iA3, ÉY’è, ., é, AE[A GOP”à, Å3ftfCE[f€, ², Ä, EPŠi€ftfCE[f€, a¶¶, ¶, é, æ, xY’è, Å, «, Ü, ·BSubGOP, iÅ’å’l, i6, Å, ·BSubGOP, ÍGOP, É•aŠ,, Å, «, È, , ê, i, ç, , Ü, ¹, ñB

fXf%oCfXfCf“f^[]fof<

fXf%oCfXfCf“f^[]fof<,íAŠeftfŒ[]f€,É, ,éMPEGfXf
‰oCfXfwfbf_Œ[ŠÖ,if}fNf[]fuſ[]fbfN“,ðY’è,μ,Ü,·BfXf%oCfXfCf“f^[]fof<,íÅ’å’I,í1200,Å,·B

MPEG-1fI|[ffffBfI/PowerVCRfI|[ffffBfI

PowerVCR, j%o1□o^3□k, í□AMPEG-1fŒfCf,,□[1,AfŒfCf,,□[2,ðfTf]□[fg,µ,Ä,¢,Ü,·□B

fæcfcf.,,í[1,Í128kbps^Èä,í[frfbfgfŒí[fg,äÅ“K,Ä,·,äÅA384kbps^Èä,í[¬,³,ÄfRí[fh•ïS·,μ,Ä,í,ç,¬,Ü,¹,ñí[B,½,Æ,í,í[APhilips,í[DCCIíDigital Compact Disc

Cassettej,j192kbps/f`ffff"flf_k,ÅAfŒfCf,,[1^3]k,ðŽg—p,μ,Ä,¢,Ü,·B

fæfCf, [2,1128kbps/f/fff"fl<,]f^[[fQfbfgfrfbfgfCE[]fg,^"ö,í,Á,Ä,ç,Ü,-·B,±,ê,ífrfbfg"z•^,]·\CE»-p,É·ACÆø-],i-C,çfR[]fh,ðŽg-p,µ,Á,ç,Ü,-·B,±,ífCfCf,[]-,ðŽg-p,Á,«,éfAfvfŠfp[]fvf#f",É,íACD-ROM,Ö,íf[]ffffBflfv[]fpf"fx,i·Ü'¶,â·AfrffffICD,íf[]ffffBflfgf‰fbfN,E,C,^, ,è,Ü,-·B

MPEG-1 f|¶[fffBf|•W¶€,í¶A^ê,Â,íf|¶[fffBf|f`fff“flf<¶A2,Â,í“Æ—

§f`fff“flf<|A1,Â,lfXfefŒfl|M|t,Æ,¢,Á,½Zí—þ,|frfbfgfXfgfŠ|[f€,ð’è`‘,μ,Ä,¢

f, fm, Í ÁfÍf[fffBfÍf`fff`fÍf<, ª1, Å, ¾, - , ïÓY'è, Å, · ïB`fÙþ, ªf, fmf%oÍf<, ïÈfÙþÅ, .é, ª, ïÍÅpÙ¬CEÅ, ïfrfbfqfÙÍfÙfq, È, .³, .¹, .½, .¢, .Æ, .«, .È, .C, ÉÙA, ±, ïÓY'è, È, .µ, Å, ¾, .³, .¢ÙB

fXfefŒfl, í „ñ, Ä, ï „Æ—§, µ, ½ƒ „fff „flƒ<, ©, ç, È, è, Ü, · B’S’l, frbfgfŒfl [fg, í ê ‘è, Å, ·, a A A ¶ %œE, f „fff „flƒ<, Ä, », ê, ð „ “í, É • a, - œ‡, ç, Ü, · BPowerVCR, fGf“fR fl [fffBf“fOfGf“fWf“, í A, ± , jftŒfl fVfuf, È‘A‘, ð — p, µ, Ä A Sef „fff „flƒ<, ÈfxfXfg, fff fl [f ^ — È, ð Š,, è “ — , Ä, é, ± , Æ, È, æ, Ä, Ä A A, %œ1 Z, ð Z AŒ», µ, Ä, ç, Ü, · B fl, frfbfgfŒfl [fg, Ä A A, • i Z, ifXfefŒfl %œ1 P, ð „¾, é P Y ‘è, Æ, ç, l, Ü, · B

f**ff**...**fA****f**..**f****ff**“**fI**”**f**,Í**o**AŠ®‘S,É—§,μ,%½¶1‰E“ñ,Â,íf”**ff**“**fI**”**f**,ðŽ,ò,¿**o**AŠef”**ff**“**fI**”**f**,í,¿,å,¤,**C**”¹/₄•²,·,A,ífrfbfgfCŒ[fg,Æ,È,è,Ü,·Bfff...fAf,í”ê”É,É[**A**’½×¾Œé,ðfTf|lfg,μ,%½‰o¹□ºfvf□fOf‰f€.È,C,Éžq—p,³,ê,Ü,·BΠB

PowerVCR, jZfbfgfAfbfv

PowerVCR, íšè'P, ÉPC, ÉfZfbfgfAfbfv, Å, «, Ü, ·B·uSetup.exe·v, ðfNfŠfbfN·if_fuf<fnfŠfbfN·j, ·, é, ¾, -, Å·AfCf“fXfg·[f<fvf·fOf%o f€, ð<N“®, Å, «, Ü, ·B

PC, ÉPowerVCR, ðfCf“fXfg·[f<O, É·APowerVCR, i·i<ÆffffBfCEfNfgfŠ, Éžw'è, ·, éfhf %o fCfu, jffffBfXfN·ó, «—e—È, a·\•a, ©, Ç, x, ©Šm”F, µ, Ä,, ¾, ³, ç·BPowerVCR, aMPEG-1ftf@fCf<, ðfŠfAf·f^fCf€~ ^%o æ, ·, é, i, È·K—v, AE, ³, è, éfn·[fhffffBfXfN, i·ó, «—e—È, i%o o·\, j'È, è, Å, ·B

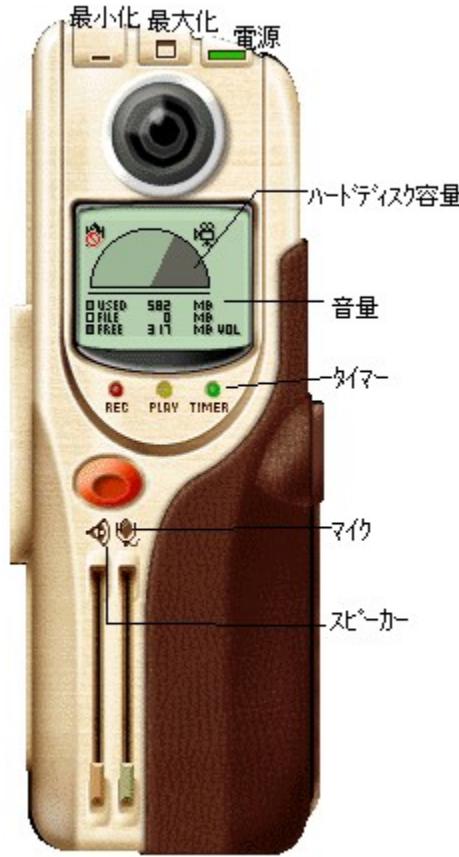
| MPEG- 1fvf·ftf@fCf<f^fCf v | ~ ^%o æ'†, È·K—v, È —e—È | f€·[fr·[·i·—œä·K—v, È—e—È |
|-------------------------------|-----------------------------|-------------------------------------------|
| Constant Quality Movie | 44MB·i1·aŠO, jfffffI ·j | 22MB·i1·aŠO, jfffffI 1frffffIftf@fCf·j |
| VCD·iNTSC·j | 18MB·i1·aŠO, jfffffI ·j | 9MB·i1·aŠO, jfffffI 1frffffIftf@fCf·j |

PowerVCR, i·i<ÆffffBfCEfNfgfŠ, i·K, , , µ, à·APowerVCR, a·fCf“fXfg·[f<, ³, è, ½ffffBfCEfNfgfŠ, AE“~, ¶, Å, i, È, ¢, ±, AE, É·Ó, µ, Ä,, ¾, ³, ç·BfCf“fXfg·[f<·^—·t·AfZfbfgfAfbfvfvf·fOf%o f€, aŽY, i, æ, x, ÈfpfX, ð·Y'è, ·, é, æ, x—v<, µ, Å, «, Ü, ·B

- uPowerVCR·v, jfCf“fXfg·[f<ffffBfCEfNfgfŠ
fffftfHf<fg, jffffBfCEfNfgfŠ, i·uc:\Program Files\CyberLink\PowerVCR·v, Å, ·B
- @·uPowerVCR·v, i·i<ÆffffBfCEfNfgfŠ
·ó, «—e—È, a·Å'å, jfn·[fhffffBfXfNfjh·f%o fCfu, ðžw'è, µ, Ä,, ¾, ³, ç·B

PowerVCR, iXfe

MPEG-1, A~^%oæ't[A]uPowerVCR[v, í%oE'¤, jfvfXfef€fpfjf<, ÅfVfXfef€ó'Ô, ð•\žl, µ[A]^
%oæfvf[ZfX, È, ç, Ñ, Éfn[fhfffBfXfN, ló, «—e—
È, ð'm, ç, Ü, ·B[uHdfCf"fwfP[f^v, í“@l)’t, jfn[fhfffBfXfN, ló, «—e—È, ðžl, µ, Ä, ¢, Ü, ·B



~ ^ % æfvf ftf@fcf<,ift fu l Y' è

MPEG-1frfffflfA[fLfefNf`ff,É,,'È,µ,Ä,ç,éft[fUÅ, ,ê,îAMPEG-1,ì~^
‰æfvf ftf@fcf<,ð“ÆŽ©,ÉY'è,·,é,±,Æ,à‰oÅ”,Å,·BMPEG-1,É,Ä,ç,Ä,ìÚ,µ,ç↑•ñ,íAMPEG-13k,É,Ä,ç,Ä,,ð,²—,,¾,³,çB

MEPG-1fvf ftf@fcf<,ift fu l Y' è

MPEG-1fvf ftf@fcf<,ì'è<,íAfrffffl, „,æ,Ñfl[fffBflfVfXfef€,ìfpf‰of f^,ðY'è,·,é•K—v, ,è,Ü,·B
fl[fffBflfVf ftf@fcf<'è<,ÉSÖ,µ,A,íAMPEG-1fvf ftf@fcf<,ifl[fffBfl'è<,ð,²—,,¾,³,çF

□

frfffflfNflfŠfefB F @ ufrf “fxf^f”fgfNflfŠfefB v iŒÅ’èfNflfŠfefB j, © ufrf “fxf^f”fgfrfb
fgfŒ [fg v iŒÅ’èfrfbfgfŒ [fg j, ì, ç, ,ç, ©, ð, l, ñ, Å, ,¾, ³, ç B uPowerVCR v, É, íA0 iŒ<-
—e^æj, ©, ç4 iŒÅ, • iž j, Ü, Å5, Ä, ifNflfŠfefBfŒfxf<, ð'ñ<Y, ³, è, Ä, ç
, Ü, ·B ufrf “fxf^f”fgfNflfŠfefB v, ð'í, Ò, Æ A ~ ^
‰æfNflfŠfefB, í•Ü Ø, ³, è, Ü, , a AfrfbfgfŒ [fg, íŒÅ’è, ³, è, Ä, ç
, Ü, ¹, ñ B ^ è•û A ufrf “fxf^f”fgfrfbfgfŒ [fg v, ð'í, Ò, Æ AfNflfŠfefB, í•Ü Ø, ³, è, Ä, ç
, Ü, ¹, ñ, a Afrffffl, ì, ³, É], ç AfffBfXfN, ð, ç, è, ¾, -Zg—p, ·, é, ©
—\a, Ä, «, Ü, ·B ufrf “fxf^f”fgfNflfŠfefB v, ìY'è, í } A, ð A ufrf “fxf^f”fgfrfbfgfŒ [fg v, í
} B, ð, ²—,,¾, ³, ç B



□} A



□}B

- **ftfCE@f€fTfCfY** F ftfCE@f€fTfCfY, ífXfNfŠ@f“ä, ífsfNfZf<, É, æ, è'è` ,³, ê, Ü, ·Bfrfffflñ
íffofCfX, Ä“-, ¶uAs Source@v, ©A, à, µ,-
, ¶uCIF@v@i352x288@A@uSIF@v@i352x240@j@A@uQCIF@v@i146x144@j, ©, ç'I, ñ, Å,, ¾, ³, ¢B
- **ftfCE@f€fCE@fg** F ftfCE@f€fCE@fg, í, P•bŠO, É•\
ž|, ³, ê, éftfCE@f€@ifps@j, É, æ, è'è` ,³, ê, Ü, ·Bfrffffl”ü—
íffofCfX, Ü, ½, íŒ³, iAVIftf@fCf<, iftfCE@f€fCE@fg, ^~^
‰æfvf@ftf@fCf<, Å'è` ,µ, ½fŒ@fg, æ, è, à'á, çŒê@A@uPowerVCR@v, íž©“®”I, É~^
‰æfrffffl, Èf_f~@[, iftfCE@f€, ð'} “ü, µ@Afvf@ftf@fCf<, Ä“-, ¶ftfCE@f€fCE@fg, È@‡, í, ¹, Ü, ·B

MPEG-1frffffl@fLfefNf` ff, ð@Ý'è, µ, ½, ¢Œê@A<Ú@x>f{f^f“, ðfNfŠfbfN, µ, Ä@Ý'è, ð@s, Å, Ä,-
, ¾, ³, ¢B **MPEG-1fvf@ftf@fCf<, i@Ú@x@Ý'è**, ð, ²—, ¾, ³, ¢B

MPEG-1fvf ftf@fCf ,ifI  [ffffBfI  Y' 

□uPowerVCR□v,□fI□[fffBfJ^3□k,IMPEG-1,]fCfFc,,□[1,AEfCfFc,,□[2f,ffff,<δTfI]□[fg,μ,Ä,¢,Ü,□B

MPEG-1fI₀[ffffBfI^{^3}]k

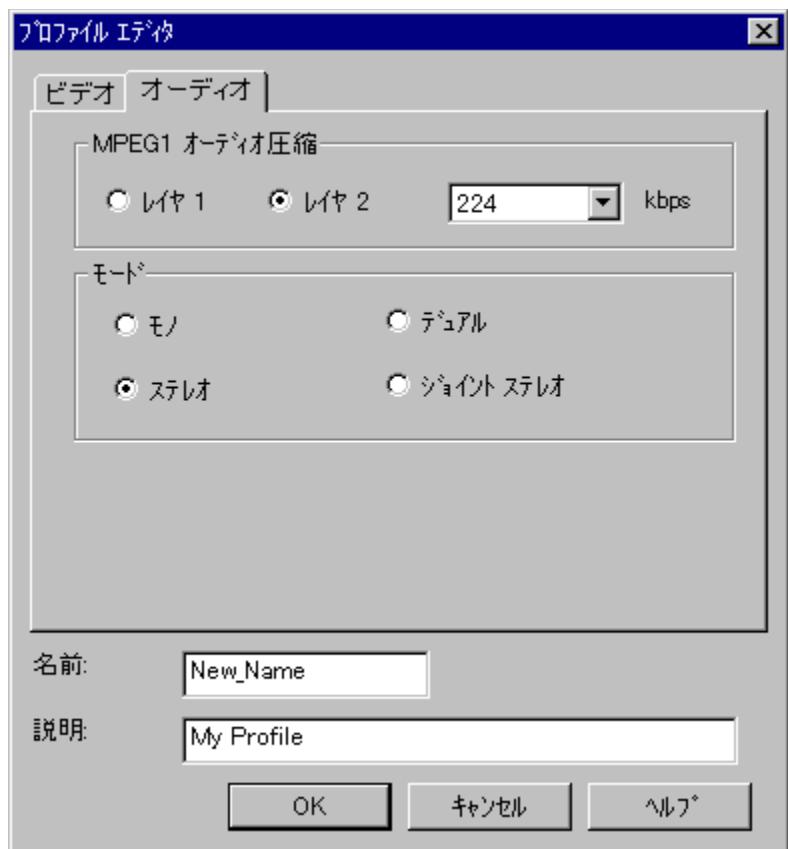
1

fCfCf, [1, í128kbps ^Èä, ¡frfbfgfŒ[fg, ªÅ“K, Å, , ªA384kbps ^Èä, l’¬, ªAfR[fh•iS·, µ, Ä, l, ¢, - , Ü, ¹, ñ, B, ½, Æ, ¡, îAPhilips, iDCC]iDigital Compact Disc
Cassette¡, í192kbps/f`ffff`flf³, Å AfŒfCf, [1 ^³k, ðžg-p, µ, Ä, ¢, Ü, ·B

fI [ffffBfI]f, **h** [fh]

f, fm, Í ÁfÍf[fffBfÍf`fff`fÍf<, ª1, Ä, ¾, -], ïÓY`è, Å, ·ÓB`fÍp, ªf, fmf%oof<, ïÓêÓ‡ÓA, .é, ª, , ïÓÅpÁ¬CEA, ïfrfbfgfCÉP[fq, È, .º, .¹, .½, ¤, Æ, «, È, C, ÉÓA, ±, |ÓY`è, È, µ, Ä, ¾, ¸, ª, ¤|ÓB

fXfefŒfl,í„ñ,Á,ì„Æ—§,µ,½ƒ'fff"flf<,©,ç,È,è,Ü,·B'S'ì,jfrfbfgfŒ[]fg,íê'è,À,·,¤A¶¶‰%oE,lf'fff"flf<,À,»,ê,ð"î,É•¤,¬‡,¢,Ü,·BPowerVCR,lfGf"fR[]fffBf"fOfGf"fwf",íA,±,jftfŒflfVfuf<,È'À',ð—~—p,µ,ÄÅASef`fff"flf<,ÉfxfXfg,lff[]f^—È,ðS,,è"—,À,é,±,Æ,È,æ,Á,ÄÅA[],‰%1ž,ðžÀCE»,µ,À,ç,Ü,·B[],frfbfgfŒ[]fg,ÄÅA[],•iž,lfXfefŒfl‰%1¶º,ð¾/4,éY'è,Æ,ç,!,Ü,·B



MPEG-1fvf@fcf<,ìÚ×Ý'è

MPEG-1fvf@ftf@fCf.,í,，“x,ÈÓÝè,ðÙs,x,É,íAMPEG-1,ìZd'g,Y,ðÙÚ,μ,—□‰øδ,·,é•K—v,², ,è,Ü,·□BÙÚ,μ,,íAMPEG-1³Ùk,É,Ä,ç,Ä,ðZQÛÆ,μ,Ä,³/4,³,çÙB

□,“x,ÈMPEG-1frffffI□Y’è,ì’è<

frffffl]Ý'è,ð]s,¤,É,í]AŽÝ,¡MEPG-1fvf]fpfefB,ð'è<` ,µ,Ä,,¾/,³,¢]B



