

Keyboard Specification : SNML (RF27MHz keyboard) For JPN & US / EU REV.F				As of 2003/Jul/18
No.	Description	Detail		Remarks
1	RF		27Mhz, 2ch, Anttena=Lead Wire Loop type	
2	Battery		SIZE AA x 2 Batteries (Carbon Zink Battery: R6/3NS)	No need to put into ID Box
3	MPU		Motrola MC68HC08JT8	
4	ID Connect Button	1) Shape 2) Material 3) Color 4) Switch	φ6 (Same as Current Die) Si-Rubber Pantone Cool Gray 11c, Common for Black & White ver. P1= 130gf	
5	Key Matrix		8 x 18	
6	PCB(Main)		FR-4, Duble faced, Plated thru	New Parts = New Die..
7	Top Enclosure	1) Material 2) Wall Thickness 3) Texture 4) Plastic Color 5) Painting Color 6) Printing 7) Logo 8) POP Label	HI-PS, H350I Typical t= 2.3mm Non 1) Black ver.:SN No.= PZ-147-N(Black)=Same as Bottom Encl. Color. 2) White ver.:SN No.= PZ-174-N(White)=Sama as Bottom Encl. Color. 1) Black ver.: INK= ORIGIN MIKI: Planet SV-8 METALLIC DARK GRAY ATX6000 2) White ver.: INK= ORIGIN MIKI: Planet SV-8 HX GLASS CLEAR #3 3) Thinner for Black & White: 174-PS 1) Black ver.:Tampo Printing for 10Hot Key Text, Color= Pantone 8400C(Gross)(NMB:MTL-014) 2) White ver.: Tampo Printing for 10Hot key Text, Color= Pantone Cool Gray 11c(NMB:GRY-135) "SONY"= Mold Recess, Depth=0.20mm, Draft= 3° For Japan only. SONY Suppy. Size=50mmx4mm	Custom ID = New Parts PST-16734A PST-16710C SONY Spec: SS-00131,SS-00208 "S1"-"S4" keys differ Font JPN & US/EU
8	Bottom Enclosure	1) Material 2) Wall Thickness 3) Texture 4) Color 5) Mold Engraving	HI-PS, H350I Typical t= 2.5mm HN-DS08/Tilt potion & Connect Button portion= HN-2000-S/Label potion= Gross 1) Black ver.:SN No.= PZ-147-N(Black)=Same as Bottom Encl. Color. 2) White ver.:SN No.= PZ-174-N(White) RF-ID= "CONNECT", Height=□0.2mm, Battery: "□3, SIZE AA, R6, +" & Battery mark (Engraving=□0.3mm□□□ / Battery mark□□Matt)	Custom ID = New Parts PST-16734A PST-16710C SONY Spec: SS-00095,STM-0029,SS-00173
9	KB ID Label(Barcode) (to Bottom Encl.)	1) Material 2) Color 3) Size 4) Agency	Art Paper=80g/m2 + Polyester Laminate 1) Black ver.:Base=2 Color(Gray=Pantone Cool Gray11c+White), Text&Barcode=Black 2) White ver.: Color is Same as Black ver. 134 x 27mm 1) FCC, 2) cUL, 3) CANADA210, 4) Others: TBA	SONY Spec: SS-00077
10	Key Board Frame (2Piece=Ascii&10key)	1) Material 2) Wall Thickness 3) Texture 4) Color	ABS,Techno 330 Typical t= 0.3mm Top Surface= Matt, Dummy Surface= HN-DS06 SN No.= PZ-477-N(Charcoal Gray)= Same as Keycap Color, Common for Black & White ver.	ABT-16673B
11	Key Caps(Main)	1) Design Type 2) Material 3) Texture 4) Color 5) Printing 6) Font	KB3080 Notebook Key Cap/ ND-type (New KC: 9kinds) ABS,Techno 330 HN-DS-06 SN No.= PZ-477-N(Charcoal Gray), Common for Black & White ver. Tampo Printing + Partial Overcoating Same as B keyboard= SNVA-11, Color= Pantone 427c(NMB: WHT-015)	NMB STD: ND-type ABT-16673B
12	10 Hot Key(Plastic)	1) Material 2) Texture 3) Color 4) Finish 5) Mold Engraving 6) Function	ABS / PC (Double injection Mold) Convex key= HN-3003-S, Concave key= Gross & HN-3003-S Mat'l Color= Natural Plating , Chrome-6 Color: SN No.= NEP □-1, Common for Black & White ver. "Dot" mark= Gross, "S1"-"S4"= Height=0.2mm,Gross Volume Up / Volume Down / Mute / Brightness Up /Brightness Down Suspend / mail / Internet / TV / VAIO menu	Custom ID = New Parts Can use Crome-6 until Oct/2004 FW : Pre-install to PC side Programable : Mail / Internet
13	Key Switch	1) Main Key 2) Hot Key	Life = 10million P1 = 50gf +/-15gf for JPN, P1 = 55gf +/-15gf for US/EU P2 = P1 x 50% Full Stroke = 2.7mm Life = 0.3million P1 = 80gf +/-20gf Click Latio = 40% Full Stroke = 1.0mm	
14	Key Layout & Language	1) Key Layout 2) Language for EU	Main key : 104 for JPN / 99 for US / 100 for EU (19.05mm pitch) Hot key : 10keys TBD: UK Eng / French / German / Swiss	Need confirm for Destination
15	Palm Rest Assy	1) Structure 2) Material 3) Texture 4) Color 5) Hinge Pin 6) E-Ring 7) Rubber Feet	2 Piece + 4Hinge Pin + 4E-Ring ABS Nihon Etching : N.TONE-15 1) Black ver.:SN No.= PZ-147-N(Black) 2) White ver.:SN No.= PZ-174-N(White) 1) Black ver.:Mat'l=SS, Finish=Black Chrome-6, Color=Black 2) White ver.:Mat'l=SS, Finish=UniChrome-6, Color=Silver 1) Black ver.:Mat'l=S60CM, Finish=Black Chrome-6, Color=Black 2) White ver.:Mat'l=SUS, Finish=Non, Color=Silver 1) Black ver.:Mat'l=Polyurethane, Color=Black:Colose to PZ-147-N(Black) 2) White ver.:Mat'l=Polyurethane, Color=Pure White:Colose to PZ-174-N(White)	Custom ID = New Parts ABT-16675A ABT-16674G New parts=New Die
16	Battery Cover	1) Material 2) Wall Thickness 3) Texture 4) Mold Engraving 5) Color	HI-PS, H350I Typical t= 2.3mm HN-DS08 "OPEN" & " △"= Height=□0.2mm,Gross 1) Black ver.:SN No.= PZ-147-N(Black)=Same as Bottom Encl. Color. 2) White ver.:SN No.= PZ-174-N(White)	Custom ID = New Parts PST-16734A PST-16710C
17	Rubber Foot	1) Shape 2) Material 3) Color	8210 - 0100, Front 2pcs (Rear Dummy Foot) SBR Pantone Cool Gray 11c, Common for Black & White ver.	NMS STD
18	Tilt Leg	1) Material 2) Texture 3) Color	HI-PS, H350I HN-2000-S 1) Black ver.:SN No.= PZ-147-N(Black)=Same as Bottom Encl. Color. 2) White ver.: SN No.=PZ-174-N(White)	Custom ID = New Parts PST-16734A PST-16710C
19	Back Plate	1) Material 2) Bending/Drawing	SECC t=0.6mm No Bending / No Drawing	New Parts
20	Support Plate(L)&(R)	1) Material 2) Wall Thickness 3) Color	HI-PS, H350I Typical t= 1.5mm 1) Black ver.: Black (NMB STD) 2) White ver.: Black (NMB STD)	New Parts
21	Membrane Sheet	1) Structure 2) Connection	75micron x 3layer (with TAC Sheet) Tails connection is by Connector on PCB	New Parts
22	Screw	1) M3 x 6 mm 2) M2.6 x 6 mm 3) M2 x 3.5mm	for Case= 8pcs, Color= Black(Chrome-6), Common for Black & White ver. for PCB= 2pcs, Su/Plate= 6pcs, Color= Yellow(NMB STD-Chrome-6), Common for Black & White Head= Flat, for Top & Back Plate= 11pcs, Color= Black(Chrome-6),Common for Black & White	Can use Crome-6 until Oct/2004 Can use Crome-6 until Oct/2004 Can use Crome-6 until Oct/2004
23	Packing	1) ID Box for KB 2) Plastic Bag for KB 3) Spacer for Palm Rest 4) Plastic Bag for P/Rest 5) Statement Sheet 6) Master Carton 7) Woody Pallet	Size= W438xD170xH52, KI125/3M/KI125 B Flute, No printing, With Barcode label Mat'l= PE-HD, t= 0.03mm, Printing : Mat'l / PLA mark & Warning(Eng&French) Size=W40xL383, KI125/3M/KI125 BC Flute Mat'l= PE-HD , t= 0.03mm , Printing : PLA mark TBD: A5 Paper, Printing= FCC & CANADA210 Statement Outer Size= W444xD262xH364, KI125/3M/KI125 BC Flute, Printing: NMB standard TBD: Outer Size= 1000x1120x1212 / 1Pallet= 24 carton(240sets)	New Parts = New Die
24	Agency / Safty	1) Agency 2) Safty	Telec(RF-JPN) / FCC / CANADA210 / CE cUL(UL / CSA) / TUV / NOM	
25	Drop Test	1) Packing(ID Box) 2) KB	H= 61cm(24inch), Concrete, 2corner-3edges-6sides=each 1time T1: H=76cm(30inch), Carpet , 6sides=each 1times , with Battery	TBD: NMB Proposal
26	EMC Test	1) ESD 2) EMI	Refer to Regulatory requirement = EN55022(IEC1000-4-2) Air = +/-15kv, Contact = +/-8kv +/-2dB	
Revision		Date	Description	Released by
Rev. A		May/29/03	New Release	M.Tabata
Rev. B		Jun/05/03	Revised 11-6) / 12-1)	M.Tabata
Rev. C		Jun/17/03	Revised : Add White ver. to Keyboard and Change Paint INK for Top Encl..	M.Tabata
Rev. D		Jun/18/03	Revised : Change Color Specification	M.Tabata
Rev. E		Jul/07/03	Revised : Painting Update. Add 2 Label. ADD Statement Sheet for FCC & CANADA210	M.Tabata
Rev. F		Jul/18/03	Revised : Cancel VCL Trouble Label. Update Packing Spec. Update Agency & Safty.	M.Tabata