ACK PCB ASSY
INPUT
OUTPUT

ACK PCB ASSY
ENCODE OUT
DECODE IN

DX-4D ONLY

SW PCB ASSY
CH-1
S001-1
CH-2
S002-1
BYPASS
DBX

J101 J102
P101 P102
DBX PCB ASSY
CH-1,2
ENCODE
DECODE

P103 J103

ACK PCB ASSY
INPUT
3 (L) 4 (R) 3 (L) 4 (R)
OUTPUT

ACK PCB ASSY
ENCODE OUT
DECODE IN
3 (L) 4 (R) 3 (L) 4 (R)

CH-3
S003-1
CH-4
S004-1

DBX PCB ASSY
CH-3,4
(CH-L,R)
ENCODE
DECODE

DX-4D ONLY

S001-2
S002-2
S003-2
S004-2

R315 680 D310 CH-1
R316 680 D311 CH-2
R317 680 D312 CH-3 (L)
R318 680 D313 CH-4 (R)

LED A PCB ASSY

POWER SUPPLY PCB
U301 NJM78M12A
U302 UA79M12A-UC

D301. D306 W02
D302~D305 IS2473

D307
D310~D313 SLP-155B

MUTING PCB
Q301. Q304 2SC1815GR
Q302. Q303 2SA1015GR
Q305
D308,D309,D314 IS2473

CONTROL PCB
Q001 2SA1015
U001 LM393P
U002 EE-CF1

D001 IN60

MUTING PCB ASSY

R302 22k
R305 47k
D314
R303 10k
Q301
R306 22k
R307 100k
Q302
R308 47k
C320 10/25V

D309
R310 100k
C318 10/16V
Q303
R312 22k
C319 100/16V
Q304
R311 100k
R313 100k
Q305
R309 100k
D308
R314 47k

CONT SIG
CASCADE
BRN BLU RED YEL WHT BLK

U002
R006 330
C001 10/16V
R004 8.2k
C002 10/16V
R002 33k
D001
R005 820
R003 330k
R001 33k
C004 22/10V
C003 2.2/50V
Q001
R007 22k

CONTROL PCB ASSY

POWER SW PCB ASSY
POWER
S005
Z001
U.S.A CANADA
0.033+120/125V

F1~F3 EUROPE. U.K. AUSTRALIA ONLY.
F1 T 500mA 250V
F2 T 500mA 250V
F3 T 200mA 250V
RED WHT RED BLU BLU

C307 0.01
D301
C314 0.01
D306
C315 470/16V
C316 0.01

U301
C308 1000/25V
D302
C309 1000/25V
D303
U302
C310 10/16V
C312 0.01
D304
C311 10/16V
C313 0.01
D305

R301 680
D307

LED B PCB ASSY

U.S.A , CANADA

POWER SUPPLY PCB ASSY

GENERAL EXPORT
POWER
S005
Z001
0.01+300/300V
VOLTAGE SELECTOR
240V 220V 120V 100V
100V AC
120V AC
220V AC
240V AC

EUROPE . U.K. AUSTRALIA
POWER
S005
Z001
0.047/250V
U.K AUSTRALIA 240V
EUROPE 220V
EUROPE AUSTRALIA
220V AC
U.K
(BRN)
(BLU)
240V AC

JAPAN
POWER
S005
Z001
0.01+300/300V
100V
100V AC

DBX PCB ASSY

ENCODE CH-1

J101 P101 1 IN
2 GND
3 OUT
4 GND
5
6 OUT
7
8 IN

U101 1/2 U101 2/2 U102 U103 U105 U106

Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q108 Q109 Q110

VR11 47k (B) VR12 47k (B) VR13 470k (B) VR14 47k (B) VR15 47k (B) VR16 470k (B)

T.P. 1 T.P. 2

P103
CONT 7
MUTE 6
-12.6V 5
0V 4
3
12.6V
MUTE 2
CONT 1

U201.U202.U203, Q201.Q202.Q203.Q204.Q205, R201~R240, C201~C223, T.P. 3

DECODE CH-1

J102 P102 8 IN
7 GND
6 OUT
5 GND
4
3 OUT
2
1 IN

U104 1/2 U104 2/2

U204.U205.U206, Q206.Q207.Q208.Q209.Q210, R238~R278, C224~C245, T.P. 4

ENCODE CH-2

DECODE CH-2

U101.U201/U104.U204	NJM072
U102.U202/U105.U205	μPC1252H
U103.U203/U106.U206	μPC1253H2
Q101.Q104.Q106.Q109 / Q201.Q204.Q206.Q209	2SC2878B
Q102.Q105.Q107.Q110 / Q202.Q205.Q207.Q210	2SC1815GR