TUNER PWB

FET101 3SK45(B) C125 0.56P

Q101 2SC535(B)

Q102 2SC461(B)

CR102 IS2267

C115 0.56P

C121 39P J(TH)

R116 1K

FM LOCAL +B 6

AFC IN 25

R114 390K

C122 0.02/25Z

C120 0.02/25Z

C124 220/16

R113 100K

C123 15P J(SH)

C117 6P C(CH)

C118 7P C(TH)

C119 10P C(TH)

R108 8.2K

R109 18K

R110 1K

Q102

CR102

L105 VC 104 TC 104

Q101

F.B2

T101

MF 201

R201 100

R217 1K

L104 2.2μH

R107 1K

C109 0.01/25Z

R105 4.7K

R106 22K

C108 100P J(CH)

C116 0.02

C106 16P J(TH)

C107 5P C

C105 16P J(TH)

TC 102 VC 102 L102 VC 103 TC 103

FM ANT L101

C103 22P J(CH)

FET101

FB1

C101 220P J(TH)

R101 820K

C102 8P C(TH)

R103 1.8K

R102 5.6K

C104 0.02/25Z

R117 56

VC 101 TC 101

FM ANT

CR 001 IS2076

75Ω 300Ω

AM GND

C112 0.02/25Z

R104 100

R111 47

R115 100

C113 0.022/25Z

FM+B 5

AFC CENTER METER COMMON 9

CENTER METER 8

AFC OUT 7

T.P.4

VCO 15

L OUT 17

R OUT 18

FIX +B 22

6.11

6

C218 0.022

R204 100

R209 2.2K

T201

L201 18μH

R208 3.6K

R210 330

R211 10K

C215 1/50

C214 0.022

C219 0.022/25Z MYL

R216 180K

C216 0.022/25Z

C222 0.47/25

R306 2.2K

CR301

C304 470P J STY

R307 15K

R308 1K

C307 1/50

C308 0.47/25 (AL)

※ C311,312
USA,CANADA--- 0.015J MYL
EUROPE------- 0.01J MYL

R316 220K

R318 4.7K

Q303

R314 56K

VR303 100K-B

Q304

R320 1.2K

R319 1.2K

R317 4.7K

C309 1/50

※ C312

※ C311

C310 1/50

C318 220/10

R310 5.6K

R311 5.6K

R312 100

R313 56K

R315 220K

C317 4.7/50

C316 4.7/50

C305 0.47/25 (AL)

C306 0.047 MYL

IC201

IC202

IC301

R202 390

R203 390

R206 390

MF202 MF203

C201 0.022/25Z

C202 0.022/25Z

C203 0.047/25Z

C205 0.047/25Z

C207 0.022/25Z

C208 0.047/25Z

C209 3.3/50

L202 1μH

R212 12K

R213 47K

C210 1/50

R214 2.2K

R220 47K

C211 0.047/25Z

C212 47P J

C217 47/16

R219 100

R301 220K

C301 10/16

R305 3.3K

C320 22/16

C303 10/16

R324 22K

Q301

C302 4.7/50

R302 56K

R303 1.5K

R304 22K

VR202 100K-B

VR301 300K-B

C319 1/50

Q302

R321 22K

R322 22K

R326 220

R327 120K

Q305

R323 22K

VR302 10K-B

R309 180

R325 220K

CR201

CR202

CR302

R218 220

R205 150K

VR201 100K-B

IC201 HA1211
IC202 HA1137
CR201,202 IS2076

Q301,302,305 2SC1344(E)
Q303,304 2SC1344(F)
IC301 HA1156
CR301,302 IS2076

BLUE

L001 1μH

WHITE

BLACK

RED

YELLOW

AM FERRITE ANTENNA

VC151 TC151 R151 39K

C161 47/6.3

C151 0.047 MYL

C171 0.022/25Z

CR155 CR156 R153 150

T251

TC 153 VC 153

C168 0.0056 MYL

C172 10P C UJ

R152 100

R160 1.2K

C162 220P

C169 220/16

R155 3.3K

R156 2.2K

R158 2.2K

CR152

C166 0.068 MYL

R159 4.7K

R154 2.2K

C159 0.022

C153 0.022

C167 47/6.3

C157 0.01 MYL

TC 152 VC 152

C155 300P STY

C154 18P J(UJ)

T252

T253

CR151 CR153

C156 0.047

C158 0.047

C163 4.7/50

C164 0.01 MYL

C165 0.01 MYL

R162 1K CR154

IC151

IC151 HA1138
CR151,153~156 IS2076
CR152 IN34A

MUTE IN 23

FM S METER 21

AM OUT 27

26 AM S. METER

28 TP.4

AM+B 32

TP.3 10

AM+B 24 AM+B 16 TP.2

MULTI PATH 19

MUTE OUT 20

DISC OUT 13

MODE 14

S INDI 12

TUNING METER

OUT PUT VARIABLE FIXED

C001 0.022

4 CH MPX OUTPUT

MULTIPATH

(INPUT AC120V) (INPUT AC220V) (INPUT AC240V)

NOTES:

1. S1a,b POWER
   S601 MPX NOISE FILTER 1.OFF 2.ON
   S602~604 S602: AM S603: FM AUTO S604: FM MONO
   S605 FM MUTE/AUTO LOCK 1.ON 2.OFF
   S901a,b SIGNAL/FM MULTIPATH 1.SIGNAL 2.FM MULTIPATH
2. PL1~5 DIAL ILLUMINATION
   PL6 SIGNAL METER ILLUMINATION
   PL7 TUNING METER ILLUMINATION
   PL8 STEREO INDICATOR
   PL9 NEEDLE INDICATOR(LED)
   PL10 FM INDICATOR
   PL11 AM INDICATOR
3. VR601L AM OUTPUT LEVEL ADJ.
   VR602L,R FM OUTPUT LEVEL ADJ.
4. UNITS RESISTANCE : Ω
   CAPACITANCE : μF
5. WIRING OF P.T.

LAMP PWB

PL7 PL6 PL5 PL4 PL3 PL2 PL1

PL1~7 250mA 6.3V
PL8 30mA 8V

PL10 PL11

PL10~11 65mA 6.3V

AC120V 60Hz (USA,CANADA)
AC220~240V 50Hz (EUROPE)

AC OUTLET (USA,CANADA)

CP001 S1a

P.T.

YELLOW RED BLUE PURPLE

F001 0.5A

RELAY PWB

APC OFF 2

AFC IN 9

AFC IN 8

FAST +B 7

LED(+) 5

LED(-) 6

PL9 LED

HUM DC IN 1

MUTE GATE 3

R951 47K R952 470K R953 5.6K R955 6.8K R958 5.6K R959 220K R956 100K R957 27K R954 150 R960 100K R961 22K R962 22K R963 560 C951 47/25 C952 4.7/50 RY 951

Q951 Q952 Q953 Q954 Q955

Q951~953·955 2SC1344(E)
Q954 2SC1345(E)

TUNING KNOB

CONTROL PWB

CP601

FM L IN 29

FM R IN 31

S502b S602a S602b S601

R601L 4.7K R601R 4.7K

C601 0.015 MYL

R602L 1K R602R 1K

R603L 270K R603R 270K

R604L 56K R604R 56K

R605L 220K R605R 220K

R606L 560 R606R 560

R607L 2.2K R607R 2.2K

C602L 0.47/25 C602R 0.47/25

C603L 1/50 C603R 1/50

Q601L Q601R

R608L 8.2K R608R 8.2K

R609L 8.2K R609R 8.2K

R613R 680 R620 100K

VR602L 20K-B VR602R 20K-B

S602c S602d

R610L 3.3K

R613L 680

R614L 1K R614R 1K

R615L 470K R615R 470K

C605L 1/50 C605R 1/50

R616L 470K R616R 470K

R617L 390K R617R 390K

Q602L Q602R

C606L 150P J C606R 150P J

R618L 3.9K R618R 3.9K

R619L 330K R619R 330K

C607L 3.3/50 C607R 3.3/50

Q601L,R·602L,R 2SC1344(E)

G1 4~6 1.12.24.30

HUM DC OUT 20

AM+B 34

HUM IN 22

MUTE IN 19

Q901,902 2SC1345(F) CR901.902.904 1N60P
Q903,904 2SC1344(E)

Q901 Q902 Q903 Q904 Q905

R901 1K R902 150K R903 1.2K R904 820K R905 10K R906 120K R907 1.8K R908 1.2K R909 1.2K R910 100K R911 47K R912 22K R913 22K R914 330 R915 22K R916 3.3K R920 100

C903 0.068 MYL C904 0.01 MYL C905 0.0015 MYL C906 0.001 MYL C907 100/6.3 C908 0.1 MYL C909 47/50 C910 100/25 C911 4.7/50 C912 47/25 C919 22/16 C921 10/16

CR901 CR902 CR906

RY 901

Q905 2SC1345(E)
CR906 IS2076

GATE IN 2 23

MUTE GATE 51

S1b

DEV 13

50 FM LOCAL +B2

R922 10K R923 470K R924 47K R925 10K R926 560 R927 470K R928 3.9K R931 470 R932 100K R933 22K

Q907

C914 1/50 C915 47/63 C916 1/50 C917 47/6.3 METER C918 100/16 C922 0.01 MYL

CR904

S901b S901a

SIGNAL IN 11

METER 14 15

SIGNAL & FM MULTIPATH METER

Q801 2SC1061(C)
Q802 2SC1345(E)
CR805 HZ16

Q907 2SC1344(E)
CR806,7 V06C
CR808 HZ12(A)

CR801~804 V06C

R808 100 R807 1.2K R809 47K C809 220/16 CR 808

Q801 Q802

R802 680 R802K R801 560 R801K R805 5.6K R806 56K R806K CR 805

C804 220/25

C803 1000/35 CR 803 CR 804 CR 801 CR 802 C801 0.01/500M C802 0.01/500 M C807 100/35

AC2 IN 4 AC2 IN 3

F2 2.5A

PL IN 7

PL OUT 5

F1 0.5A

ACI OUT 9 ACI IN 8 ACI IN 10

C808 0.0047/500 Z

C805 1000/16

R804 2.7M RCY2K CR806 CR807 C806 470/25

G2 2 G3 6

S603a S603b S603c S603d S603e S604a S604b S604c S604d S605a S605b

FM LOCAL +B1 49 FM LAMP 45 FIX +B 35 FIX +B 36 MODE 38 40 C.M.C 39 CM 44 AFC OFF 43 MUTE IN 41 MUTE OUT 42

CR 907 IS2076

FIX LOUT 28 FIX ROUT 27

VAR LOUT 25 ST. IND. 48 VAR ROUT 26 G6 24

ST. IND 47 PL.8

AM IN 32

VCO OUT 15

FM+B 5

FIX +B 22

MUTE GATE 51

GATE IN 2 23

DEV 13

MODE 12

S INDI 14

MUTE IN 19

MUTE OUT 20

DISC OUT 13

MULTI PATH 19

AM+B 24 AM+B 16 TP.2

TP.3 10

MUTE IN 23

FM S METER 21

AM OUT 27

26 AM S. METER

28 TP.4

AM+B 32