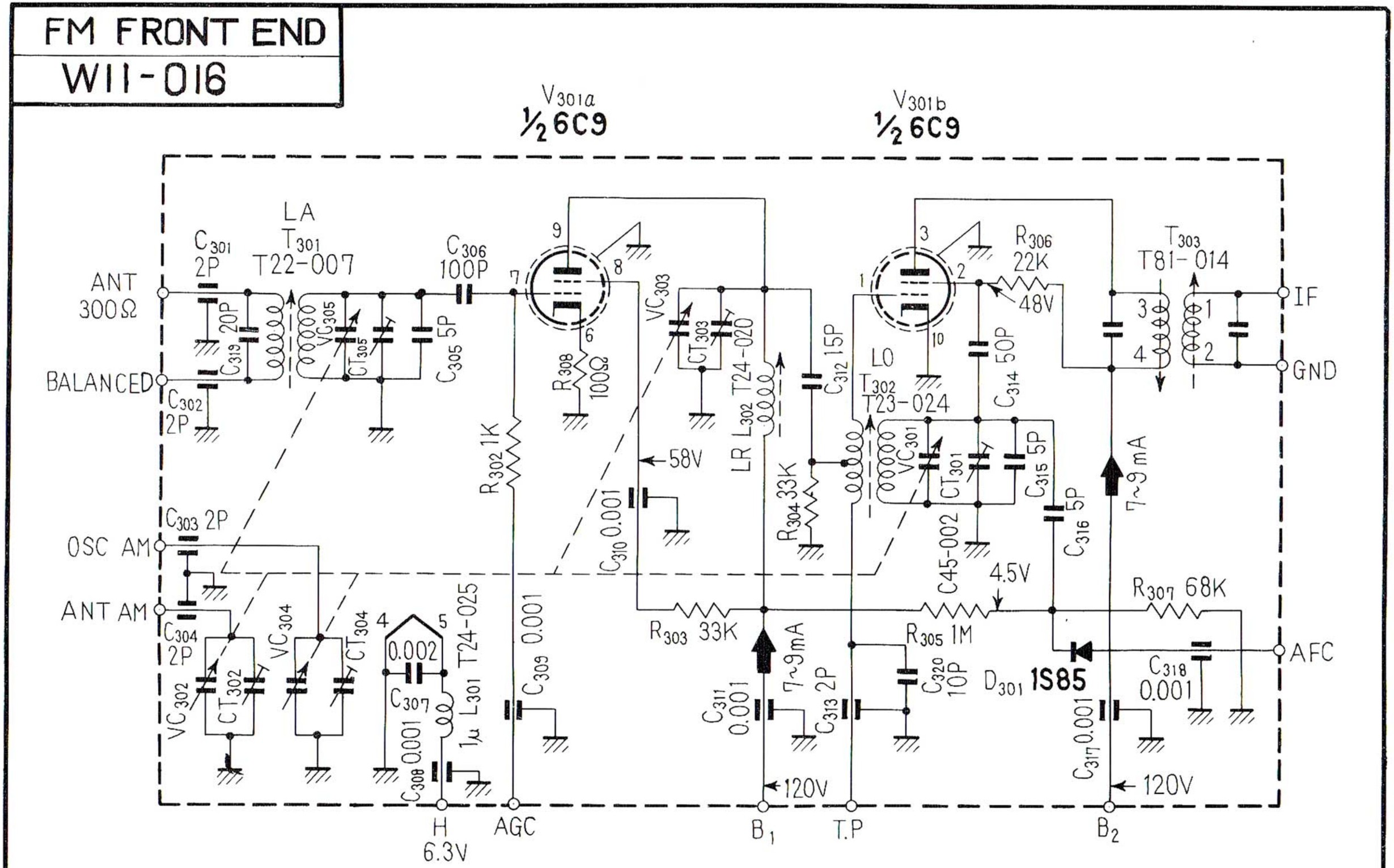
FM FRONTEND W11-016



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Model SX-410

S_1 INPUT SELECTOR
1 AM
2 FM – MONO
3 FM – STEREO
4 PHONO
5 TAPE HEAD
6 AUX

S_{12} BAND SELECTOR
1 MW
2 SW_1
3 SW_2
4 SW_3

POTENTIOMETERS
VR_1 BALANCE CONTROL (AR 8226)
VR_2 VOLUME CONTROL (AR 8542)
VR_3 TREBLE CONTROL (AR 8546)
VR_4 BASS CONTROL (AR 8546)
VR_5 LEFT PHONO HUM ADJ (AR 9104)
VR_6 RIGHT PHONO HUM ADJ (AR 9104)
VR_7 TUNING METER SENS CONTROL (AR 0021)
VR_{501} SEPARATION CONTROL (AR 0011)

SEESAW SWITCH (AS 0210)
S_2 MODE SELECTOR ①MONO ②STEREO
S_3 TAPE MONITOR ①ON ②OFF
S_4 LOUDNESS CONTOUR ①ON ②OFF
S_5 HIGH FILTER ②ON ①OFF
S_6 LOW FILTER ②ON ①OFF
S_8 SPEAKER ①ON ②OFF
S_{11} AFC ②ON ①OFF

SLIDE SWITCH (AS 6216)
S_7 SPEAKER IMPEDANCE SELECTOR ① 16Ω ② 8Ω
S_9 LINE VOLTAGE SELECTOR ① 115V ② 230V

POWER SWITCH (AS 0213)
S_{10} ON ⟷ OFF

TUNING METER
M_1 220μA (AA 9105)

(PEC-1) ~ (PEC-10)
PACKAGED ELECTRONIC CIRCUITS

ITEM No.		VACANT
FRONT END SECTION	R_{301}~R_{307} C_{301}~C_{318}	
EXCLUDING MPX SECTION	R_1~R_{97} C_1~C_{74}	C_{45}
MPX SECTION		

MPX SECTION

This space is provided so that when FM multiplex stereo broadcasts begin, a multiplex adaptor unit may be mounted here.

CHANNEL LEFT INPUT
MPX, INPUT
TAPE REC
TAPE MONITOR
AUX 200mV
TAPE HEAD 2mV
PHONO MAG 3mV
PHONO X,TAL 60mV
AR 7002 (PEC-1)

CHANNEL RIGHT INPUT
MPX, INPUT
TAPE REC
TAPE MONITOR
AUX
TAPE HEAD
PHONO MAG
PHONO X,TAL
AR 7002 (PEC 2)
MPX OUT

GND

ANTENNA INPUT
FM 300Ω BALANCED
AM

FM FRONTEND SECTION
6C9
W11-016

COIL PACK AM 0125
AL 0419

AT 4301

FINE TUNING

V_1 12AX7/ECC83
V_2 12AX7/ECC83
V_{3a} ½12AX7/ECC83
V_{3b} ½12AX7 ECC83
V_8 6BA6 EF93
V_9 6BA6/EF93
V_{10} 6AU6/EF94
V_{11} 6BE6 EK90
V_{4a} ½6BM8 ECL82
V_{4b} ½6BM8 ECL82
V_{5a} ½6BM8/ECL82
V_{5b} ½6BM8/ECL82
V_{6a} ½6BM8 ECL82
V_{6b} ½6BM8 ECL82
V_{7a} ½6BM8 ECL82
V_{7b} ½6BM8 ECL82

AR 7003 (PEC-7)
(PEC-8) AR 7003
(PEC-10) AC 9611
AC 9637 PRINTED CIRCUIT
(PEC-3) AC 9619
(PEC-4) AC 9619
(PEC-5) AC 9617
(PEC-6) AC 9617
(PEC-7) AC 9611

AT 7111
AT 8114
AT 7210
AT 8208
AT 6132
AT 5252

D_1, D_2 0A-70 ×2
D_3 SD-1A ×2
D_4
D_5 0A70

CHANNEL-LEFT OUTPUT
SPEAKER OUT PUT 16Ω or 8Ω 13.2V / 16Ω 11W
HEAD PHONES 0.6V / 8Ω
CHANNEL-RIGHT OUT PUT
SPEAKER OUT PUT 16Ω or 8Ω

AC 115V/230V 50~60cps 113Watts
POWER SWITCH
FUSE 2A
AC OUTLET

● NO INPUT SIGNAL DC CURRENT AM/FM
V··· DC VOLTAGE AM/FM
※ ALL VOLTAGE ARE MEASURED WITH V.T.V.M
※ ALL CURRENTS ARE MEASURED WITH PRECISION CURRENT METER

RESISTORS
K=KILOHM M=MEGOHM W=WATT
CAPACITORS
P=μμF