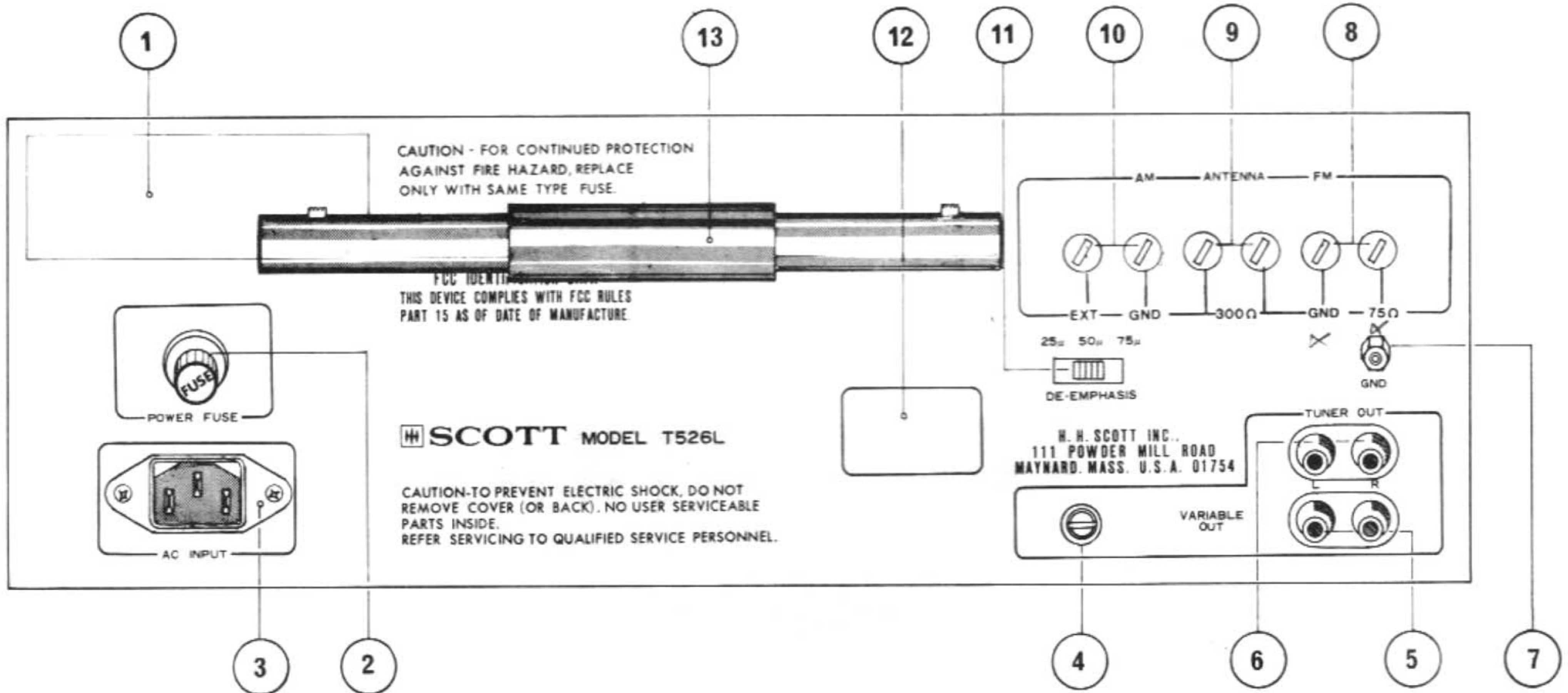
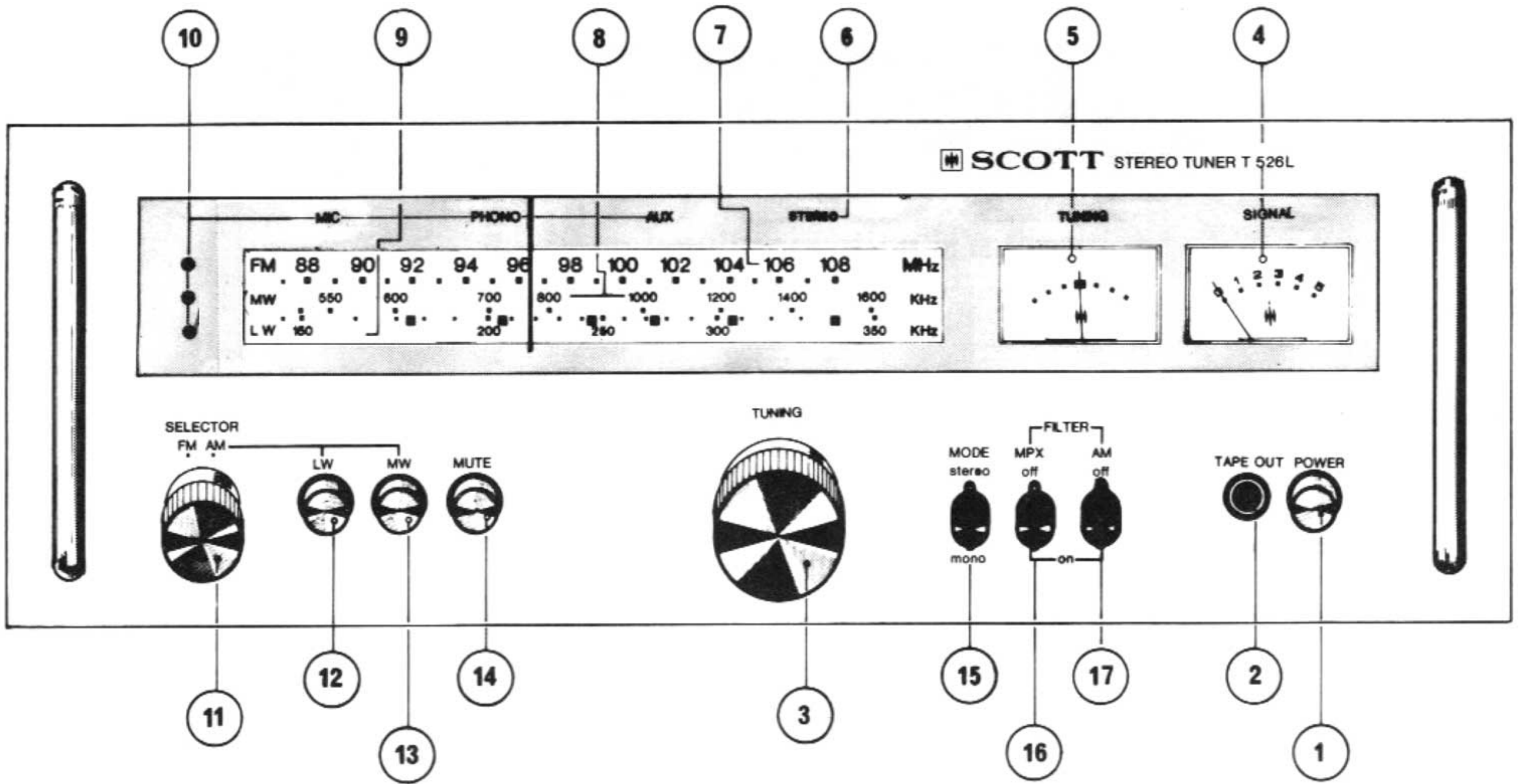




T 526 L

HIFI STEREO TUNER

**OPERATING
MANUAL**



T 526 L

INTRODUCTION

For over 25 years, H.H. SCOTT Inc. has been manufacturing the ultimate in high-fidelity components, and we are pleased to welcome you to our evergrowing family of satisfied customers. We are confident that you and your family will enjoy many years of troublefree listening pleasure from your new SCOTT Stereo Tuner.

Your new SCOTT Tuner is a sophisticated and flexible unit. It is neither complicated to install nor operate. However, to obtain optimum performance, a few moments of your time are required to read this manual in order to become familiar with its many features and how to use them. All references to front and rear panel controls and connection nomenclature on your new Tuner are made in Bold Face Type exactly as they appear on the unit to aid in rapid identification.

Should there be any questions which are not fully answered by this operating manual, please contact your local SCOTT dealer.

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TUNER CONNECTIONS AND OPERATION

Please take great care in unpacking your Tuner. We suggest that you keep the original packing material in case you move or send the unit for servicing.

INSTALLATION AND ELECTRICAL CONNECTIONS REAR PANEL

1. LINE VOLTAGE SELECTOR

Line voltage selector is under the black cover. Before connecting Tuner to wall outlet, check that the Line Voltage Selector is in the correct position. In general, Europe supplies 220/240 Volt while North America uses 110/120 Volt.

2. LINE FUSE

The value of the fuse depends upon the line voltage. For 110/120 Volt operation use 0.3 Amp fuse; for 220/240 Volt operation a 0.15 Amp fuse is employed. All line fuses are the slow action type.

3. POWER CORD RECEPTACLE

4. OUTPUT LEVEL

Adjustment for Tuner output 5.

5. VARIABLE OUT

Signal from this jack can be adjusted for best matching to your amplifier.

6. TUNER OUT

Signal from this jack is fixed.

7. GROUND TERMINAL

This is the system ground point.

8. FM ANTENNA UNBALANCED

This connection is used for 60 to 75 ohms unbalanced coax cable connections.

9. FM ANTENNA BALANCED

The 240 to 300 ohms balanced input is used for the standard TV twin-lead.

10. AM ANTENNA

For improved reception an external AM antenna can be connected.

11. FM DE-EMPHASIS SWITCH

In North-America, the deemphasis standard is 75 micro sec. In Europe it is 50 micro sec. This unit also has a 25 micro sec. position. This position is used for Dolby processed FM Broadcasts.

12. SERIAL NUMBER

Every unit manufactured by H.H. SCOTT has a serial number. This number is essential for the 3 year warranty and should be mentioned in any correspondence regarding your set.

13. AM FERRITE ANTENNA

The antenna can be pulled back and rotated for best reception.

FRONT PANEL

1. POWER ON/OFF

2. TAPE OUT

This output is meant for Tape Recorder or a high impedance headphone. (Impedance: 10 Kohm min.).

3. TUNING FOR AM AND FM.

4. SIGNAL STRENGTH METER

Gives a relative indication of signal level reading at the antenna terminals for AM and FM.

5. CENTER TUNING METER

Center the pointer in middle, for accurate FM tuning.

6. STEREO INDICATOR

Automatically lights up when FM station broadcasts in stereo.

On weak, noisy stations, mono operation can be selected manually by switching the MODE switch to MONO.

7. FM DIAL

8. MW DIAL

9. LW DIAL

10. FUNCTION LIGHTS

Display the program source, i.e. position of selector switch.

11. INPUT SELECTOR

FM Program material
AM Program material.

12. LW BAND SELECTOR

When switch 11 is on AM position, push this button for the LW band.

13. MW BAND SELECTOR

When switch 11 is on AM position, push this button for the MW band.

14. MUTING

To suppress interstation hiss on FM, push muting button to ON. While the muting is ON, some very weak stations cannot be received.

15. MODE

When switched to Mono, all FM broadcasts are received in Mono only.

16. MPX FILTER

In "ON" position, this switch will reduce high frequency FM Stereo noise, but will also reduce stereo separation at higher audio frequencies.

17. AM FILTER

In "ON" position this switch reduces AM noise.

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TECHNICAL SPECIFICATIONS

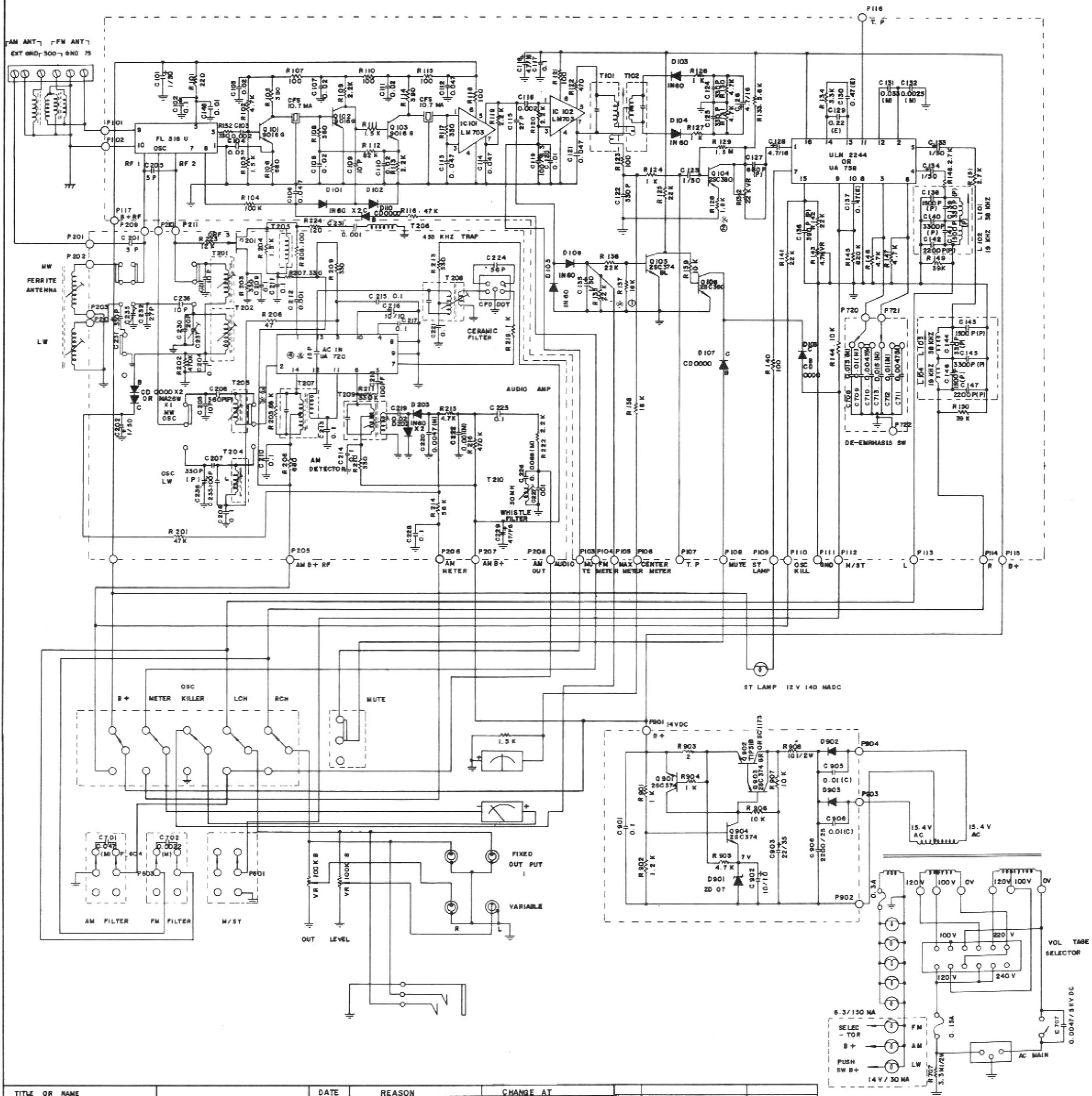
FM SECTION

Tuning range		87.5 - 108 MHz
Sensitivity IHF		1.9 μ V
Sensitivity DIN (26 dB S/N 40 kHz dev.)		1.3 μ V
Selectivity IHF		50 dB
Capture ratio		2.5 dB
S/N ratio (max. dev.)		65 dB
Total harmonic distortion:	mono	0.3 %
	stereo	0.5 %
Stereo separation (1 kHz)		40 dB

AM SECTION

Tuning range		535 - 1,605 kHz
Sensitivity		100 μ V/m
Selectivity		35 dB
Total harmonic distortion (40 % mod.)		1.0 %
S/N ratio (40% mod.)		55 dB
Power requirement		110, 120, 220, 240 VAC (50-60 Hz)
Dimensions		400 x 142 x 325 mm
Weight		6,2 kg

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TITLE OR NAME		DATE	REASON	CHANGE AT	
TUNER		75.10.27	AM 1. INSUFFICIENT IF DAMPING	C 220 . C 222	75.10.31 AM METER SWIRL
			AT DET		R 205
			2. STIFF SOUND	C 225 . C 225	
			3. DOES NOT WORK FET A8C AT ALL	R 203. R 211 . D 201	
			4. POOR IMAGE REJECTION	C 205 . C 236	
			5. LW TRACKING PROBLEM	C 230 . C 236 . C 207	
			FM 1. MUTE LEVEL AT TOO HIGH	Q 105 . R 137	
			INPUT		
			2. UNSTABLE STEREO MODE	R 141. R 128. R 145. D 107. D 108. D 109	
			3. SIGNAL METER IS SHIFTED 80	R 100 . D 110	

MATERIAL	END FINISH	HEAT TREAT	COND. PROT.	MODEL
				T 526 L
DATE FILED	DRAWN	CHECKED	ENGINEER	END USE OR CUSTOMER
SCALE	SPEC NO	SHEET OF		

