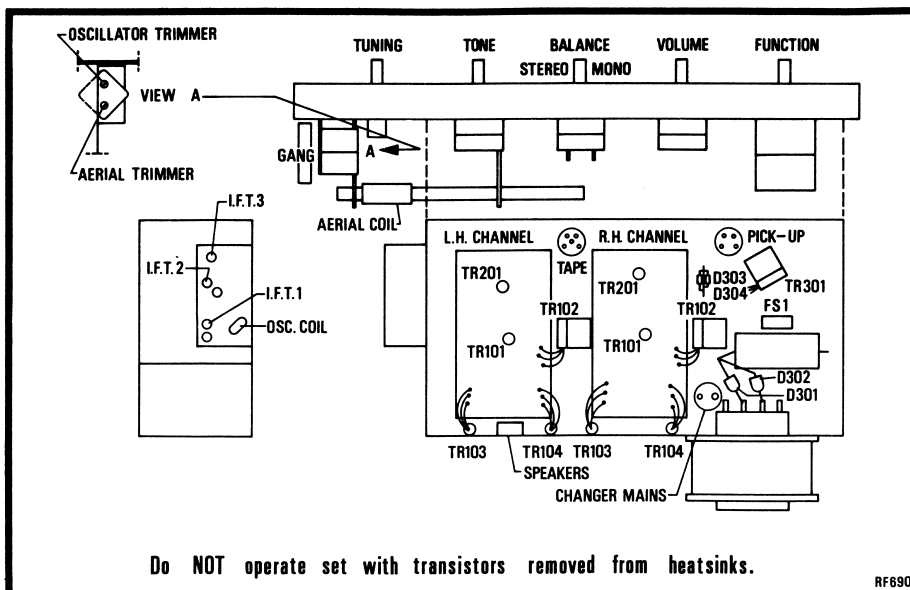


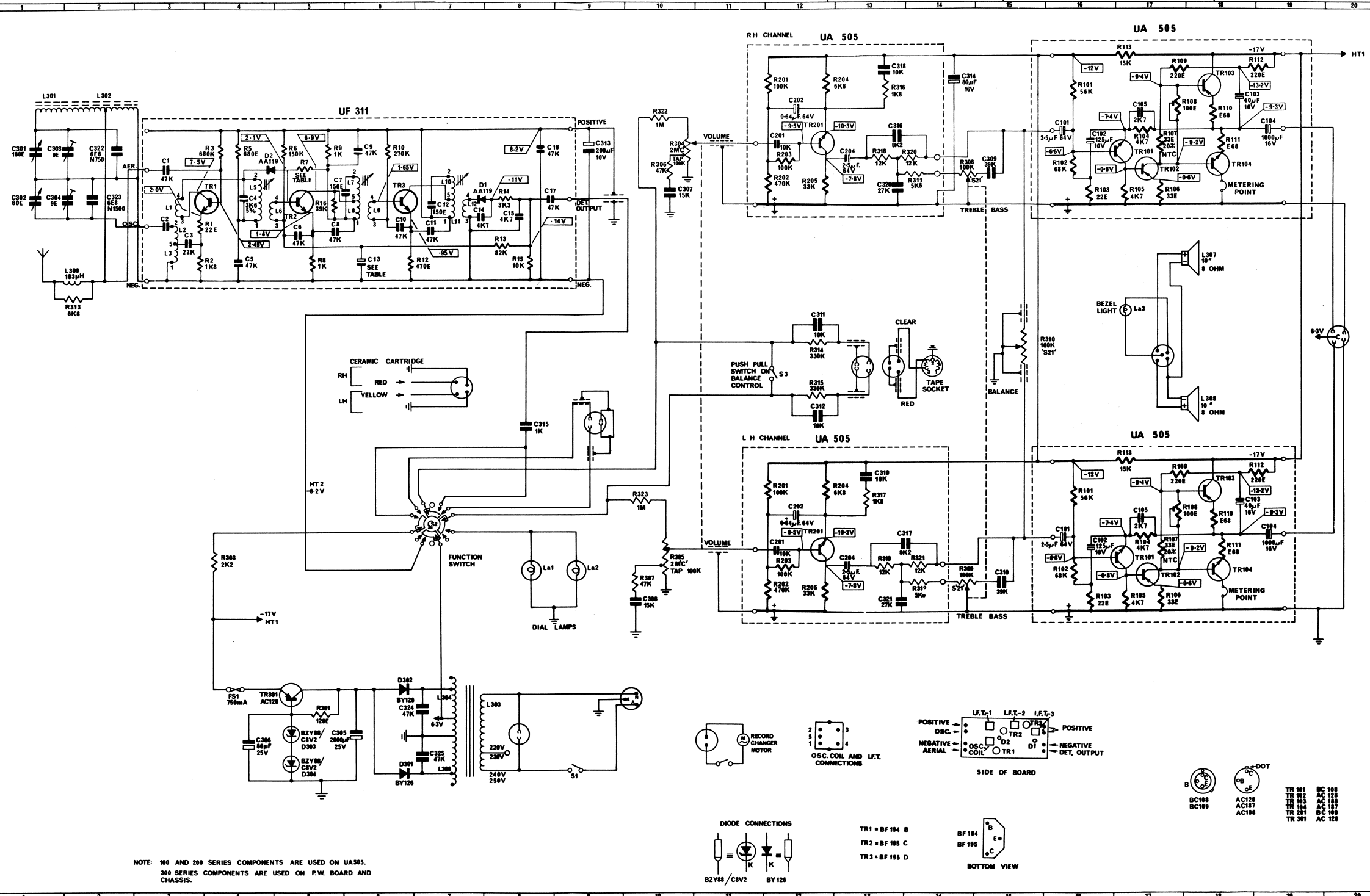
## PRELIMINARY SERVICE INFORMATION SPECIFICATIONS

TUNING RANGE	520kHz-1620 kHz
INTERMEDIATE FREQUENCY	455 kHz
POWER SUPPLY	220-250V 50 Hz
POWER CONSUMPTION	19 WATTS
RECORD CHANGER	PHILIPS GC043
PICK-UP HEAD	PHILIPS GP200
MODULES	UF311, 2xUA505
ALIGNMENT FREQUENCIES	
IFT 1	453.3 kHz
IFT 2	457 kHz
IFT 3	457.5 kHz
OSCILLATOR COIL	520 kHz
OSCILLATOR TRIMMER	1620 kHz
AERIAL COIL	600 kHz
AERIAL TRIMMER	1500 kHz

### COMPONENT LAYOUT



COMP. ZONE	COMP. ZONE	COMP. ZONE	COMP. ZONE	COMP. ZONE	COMP. ZONE
C301	C1	R301	K5	L301	B1
C302	C1			L302	B2
C303	C2	R303	L4	L303	K7
C304	C2	R304	C10	L304	K7
C305	K8	R305	T10	L305	L7
C306	K4	R306	C10	L306	L7
C307	C10	R307	L10	L307	D18
C308	T10	R308	C14	L308	F18
C309	C15	R309	T14	L309	E2
C310	T15	R310	F15		
C311	E12	R311	C14	D301	L8
C312	G12	R312	T14	D302	K6
C313	C3	R313	E2	D303	K5
C314	B14	R314	F12	D304	L5
C315	G8	R315	F12		
C316	C13	R316	B13		
C317	H13	R317	H13	TR301	K5
C318	A13	R318	C13		
C319	G13	R319	L13		
C320	C13	R320	C14		
C321	L13	R321	L14		
C322	C2	R322	B10		
C323	C7	R323	H10		
C324	K7				
C325	K7				



- RESISTORS ARE 1/2 WATT.
- CAPACITORS ARE IN pF UNLESS OTHERWISE STATED.
- CIRCUIT DIAGRAM UF311, 07/316
- CIRCUIT DIAGRAM UA505, 07/240
- VOLTAGES MEASURED FROM CHASSIS UNDER NO SIGNAL CONDITIONS WITH A V.T.V.M. TOLERANCE ±10%.
- SWITCH S1/S2 DRAWN IN OFF POS. POSITION 2 IS GRAM. POSITION 3 IS RADIO. S3 DRAWN IN STEREO POSITION.
- PLUGS SHOWN FROM PIN SIDE.
- SOCKETS SHOWN FROM LUG SIDE.
- SWITCH S1 IS MOUNTED ON S2.
- UF311 CAN IS EARTHED TO POSITIVE RAIL OF MODULE.
  - La 1 - 8-3V 0-32A
  - La 2 - 0M45D
  - La 3 - 0-3V 0-98A
  - 07/3D

**TOLERANCES**

R	± 10%
C	ELECTROLYTICS ARE -10% +50%
	OTHERS ±10% UNLESS TOLERANCE SHOWN

NOTE: 100 AND 200 SERIES COMPONENTS ARE USED ON UA505.  
300 SERIES COMPONENTS ARE USED ON P.W. BOARD AND CHASSIS.