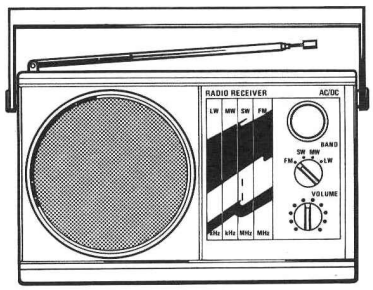
**SAVEMA**

*Société d'Après-Vente ElectroMénager, Audiovisuel*

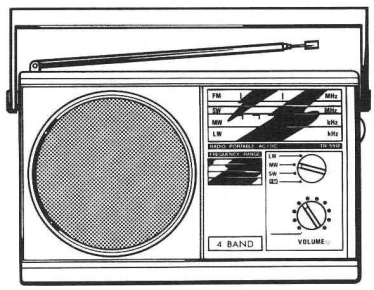
DOCUMENTATION TECHNIQUE

Référence SAVEMA
**R 1413**

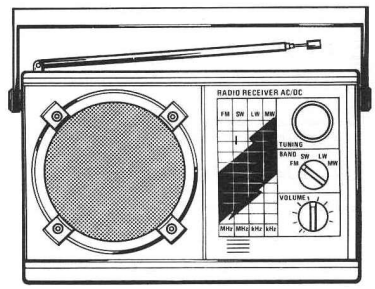
# RECEPTEUR DE RADIODIFFUSION
# R 1413




RT 432




TR 5512




RS 845

## TECHNICAL DATA - CARACTÉRISTIQUES PRINCIPALES
## TECHNISCHE DATEN - CARACTERISTICAS DEL APARATO - DATI TECNICI

| | |
|---|---|
| **Power supply :**<br>**Alimentation :**<br>**Stromversorgung :**<br>**Alimentación :**<br>**Alimentazione :** | 220 V ~<br>5 x 1,5 V, IEC R 6 |
| ▷ | 0,75 W – f = 1 kHz d = 10 % |

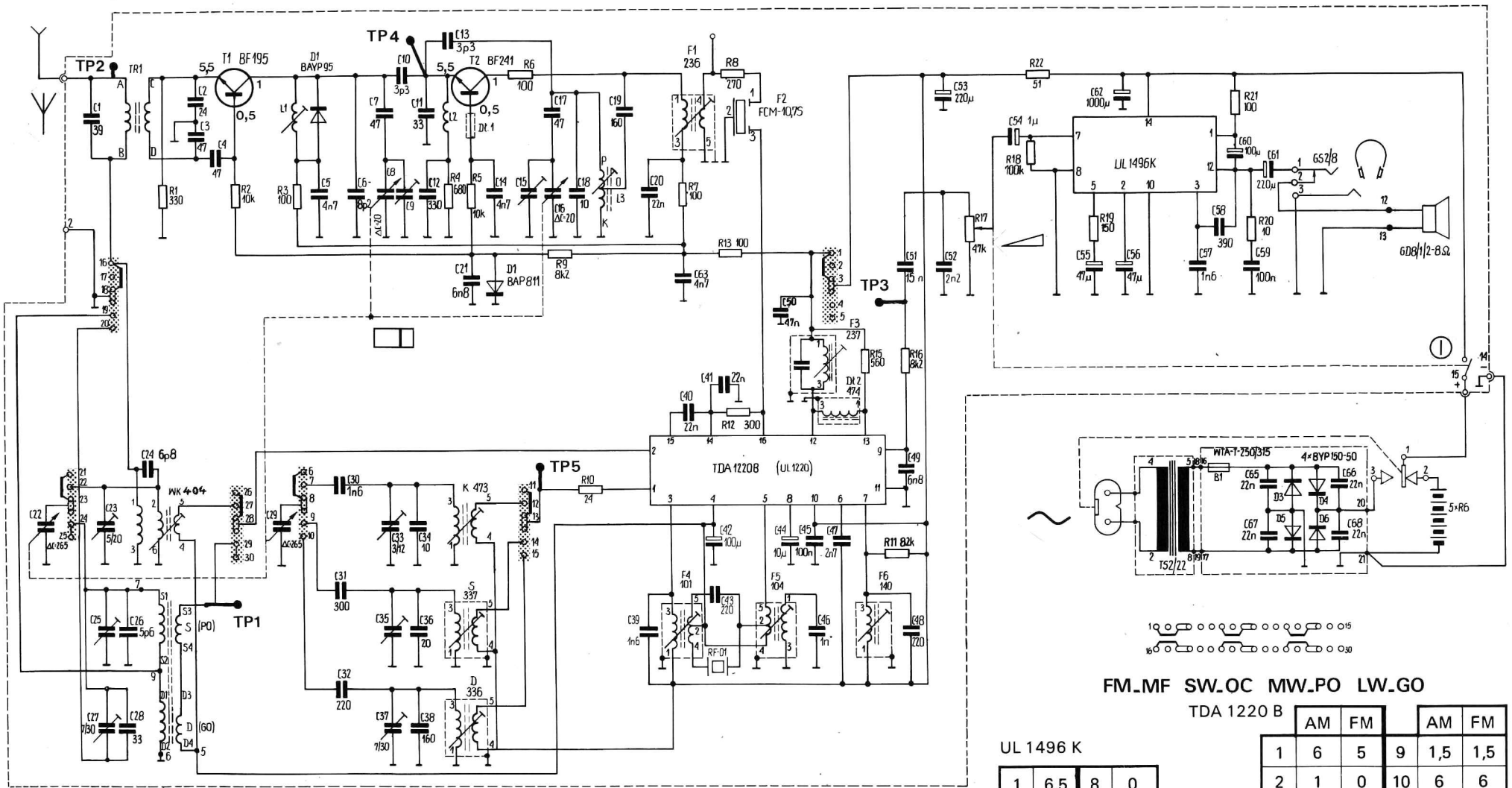
| | | |
|---|---|---|
| **MF - FM :** | 87,5 - 108 MHz | **FM - FI :** 10,7 MHz |
| **PO - MW :** | 520 - 1620 kHz | **AM - FI :** 465 kHz |
| **GO - LW :** | 150 - 285 kHz | |
| **OC - SW :** | 5,8 - 16 MHz | |

| | | | |
|---|---|---|---|
| **Sensitivity :** | MF - FM | 4 $\mu$V S/B = 26 dB f = 1 kHz | |
| **Sensibilité :** | | | $\triangle$f = 40 kHz |
| **Empfindlichkeit :** | PO - MW | 500 $\mu$V/m | S/B = 20 dB |
| **Sensibilidad :** | GO - LW | 1000 $\mu$V/m | |
| **Sensibilitá :** | OC - SW | 30 $\mu$V | |


**SAVEMA** *166, rue du Landy 93200 SAINT-DENIS* — *BP 68 93202 SAINT-DENIS CEDEX 1* — *(1) 48.20.61.15* **TELEX** *SAV GEN 611 740*

CODE 968 TX 0612 - Imp. H. DRIDÉ - 0186 / 2,8 M - R 1413

**SAVEMA** SOCIETE ANONYME AU CAPITAL DE **80** 000 000 F
SIEGE SOCIAL 166, RUE DU LANDY 93200 SAINT DENIS
RCS PARIS B 321193 625
LOCATAIRE GERANTE DE S D R M RCS PARIS B 592 006 696
SODAME RCS PARIS B 552 137 028
SURMELEC RCS PARIS B 652 019 155





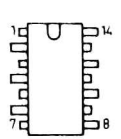

FM_MF SW_OC MW_PO LW_GO

UL 1496 K

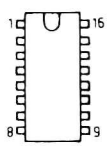
| | | | |
|---|---|---|---|
| 1 | 6,5 | 8 | 0 |
| 2 | 4 | 9 | 0 |
| 3 | 0,5 | 10 | 0 |
| 4 | 0,5 | 11 | 0 |
| 5 | 0,5 | 12 | 3,5 |
| 6 | 0,5 | 13 | 3,5 |
| 7 | 0 | 14 | 6,5 |

TDA 1220 B

| | AM | FM | | AM | FM |
|---|---|---|---|---|---|
| 1 | 6 | 5 | 9 | 1,5 | 1,5 |
| 2 | 1 | 0 | 10 | 6 | 6 |
| 3 | 6 | 6 | 11 | 0 | 0 |
| 4 | 1 | 0 | 12 | 0 | 6 |
| 5 | 1 | 0 | 13 | 0 | 6 |
| 6 | 6 | 5,5 | 14 | 5,5 | 5 |
| 7 | 6 | 6 | 15 | 5,5 | 5 |
| 8 | 0,5 | 0 | 16 | 5,5 | 5 |

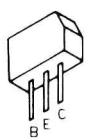


UL 1496 K



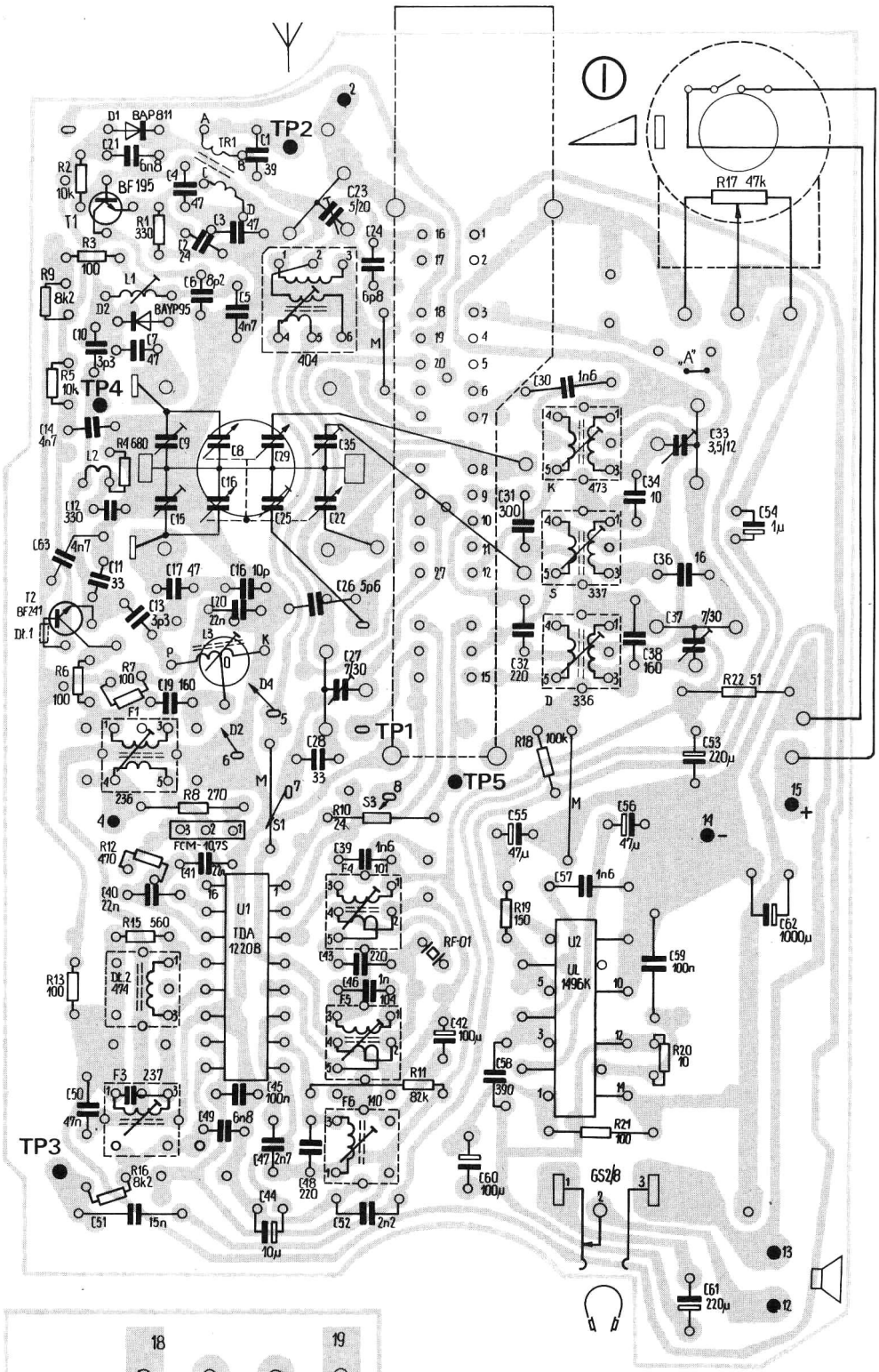
TDA 1220 B


BF 195

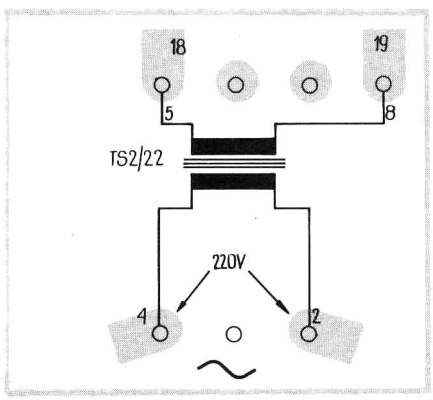



BF 241

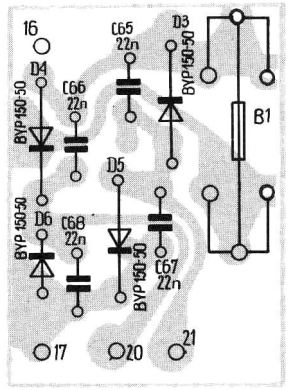
Main P.C.B.
Platine principale
Grundplatte
Platina principal
Piastra principale




Component side
Côté composants
Bestückungsseite
Lado componentes
Lato componenti




PCB Power unit
Platine secteur
LTP Netzanschluss
Platina de red
Piastra di rete



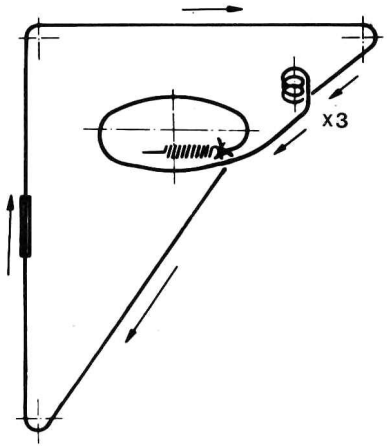

PCB power unit
Platine alimentation
LTP Netzteil
Platina alimentación
Piastra alimentazione

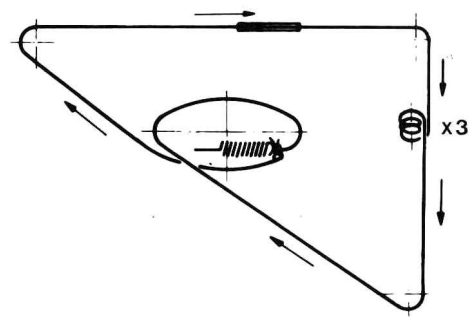
## AM alignment

| | | Gf → | f | | | V |
|---|---|---|---|---|---|---|
| IF<br>FI<br>ZF | 1 | 465 kHz 10-100 mV<br>TP 1 | 465 kHz | | F 4<br>F 5<br>F 6 | TP 3 max. |
| MW<br>PO | 2 | | 520 kHz | | S 337 | TP 5 max. |
| | 3 | | 1620 kHz | | C 35 | |
| | 4 | | 560 kHz | 560 kHz | MW Ferrit Ant. | |
| | 5 | | 1530 kHz | 1530 kHz | C 25 | |
| LW<br>GO | 6 | | 150 kHz | | D 336 | TP 5 max. |
| | 7 | | 285 kHz | | C 37 | |
| | 8 | | 160 kHz | 160 kHz | LW Ferrit Ant. | |
| | 9 | | 275 kHz | 275 kHz | C 27 | |
| SW<br>OC | 10 | → TP 2<br>10pF | 5,8 MHz | | K 473 | TP 5 max. |
| | 11 | | 16 MHz | | C 33 | |
| | 12 | | 6,5 MHz | 6,5 MHz | WK 404 | |
| | 13 | | 15 MHz | 15 MHz | C 23 | |

## FM alignment

| | | Gf → | f | | | V |
|---|---|---|---|---|---|---|
| IF<br>FI<br>ZF | 1 | Gf > 10 mV | 10,7 MHz | | F 1 | TP 3<br>10,7 MHz |
| | 2 | | | | F 3 | |
| | | → TP 4<br>10 pF | | | | |
| FM<br>MF | 3 | → TP 2<br>10 pF <5µV | 87,5 MHz | | L 3 | TP 4 max. |
| | 4 | Gf<br>Δ F 22,5 kHz<br><2,5µV | 108 MHz | | C 15 | |
| | 5 | | 90 MHz | 90 MHz | L 1 | |
| | 6 | | 106 MHz | 106 MHz | C 9 | |




**Cord drive**
**Cordonnet d'entraînement**
**Seilzug**
**Cuerda del dial**
**Funzionamente fune**