

CERTIFICATE No. *13324*

Conforms to the specifications and the approved specimen.

1. Date of manufacture. *2.9.67*
2. Packer.
3. Inspector of Technical Control Department.



PORTABLE TRANSISTORIZED RADIO

RIGA-302

V/O "Mashpriborintorg" SSSR Moskva

(34)

SPECIFICATIONS

Transistors and diodes

ГТ322	— 5 pcs
МГТ108Б	— 1 pce
МГТ108В	— 1 pce
МП41	— 2 pcs
Д20	— 3 pcs
Д9В	— 1 pce
7ГЕ-2АС	— 1 pce
Д902	— 1 pce

Wavebands (Frequency)

MODEL «F3TR9-R-302»

Long waves (LW) 2000—735.3 m (150—408 kc/s)

Medium waves (MW) 571.4—186.9 m (525—1605 kc/s)

VHF band (VHF)

4.56—4.11 m (65.8—73.0 mc/s)

Sensitivity (S/N-20 dB) with built-in ferrite antenna

LW — 2 mV/m

MW — 1.2 mV/m

When receiving with telescopic antenna in the VHF-band — 80 m/Vm

Selectivity better than 26 dB at ± 10 kc off tune

Output Power — 200 mW

Power Source — 6 dry cells, type „316” — 9 V in total

Dimensions — 48×100×220 mm

Weight — 800 g.

PREPARATING THE RECEIVER FOR USE

Open the cover of the battery compartment on the backplate of the receiver, withdraw the battery holder and disconnect the holder from the connector. Install six dry cells in the holder. Minus (bottom) of the cells are to be placed on the spring contact of the holder.

Connect the battery holder to the connector, place the holder in the compartment and close the cover.

OPERATING

Switch on the receiver by turning the volume control knob clockwise (this will produce an audible click). Continued turning increases the volume of sound. Set the band selector to the desired position.

To tune in to the desired station, turn the coarse tuning knob. For VHF reception put the telescopic antenna in vertical position and extend its four links fully. Tune in to the desired station. Turn the receiver and the telescopic rod so as to obtain the best reception.

Switch the timbre selector to the desired timbre of sound.

For VHF reception within the precincts of the town the telescopic antenna may remain in retracted position.

For better reception of radio programs on VHF — range the circuit of this receiver is fitted with automatic frequency control — A.F.C.

On finishing the reception it is necessary to retract the telescopic antenna by pressing slightly on the rod-head and to put it into the recess on the top of the receiver case.

For LW and MW reception serves the built-in ferrite rod antenna. An outdoor antenna may be used too.

To switch off the set, turn the volume control knob counter-clockwise until a click will be heard.

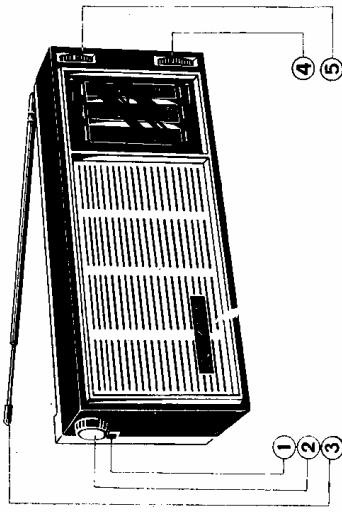


Fig. 1.

1. Telescopic antenna
2. Volume control and ON/OFF-switch
3. Tuning knob
4. Wavechange switch
5. Battery compartment cover

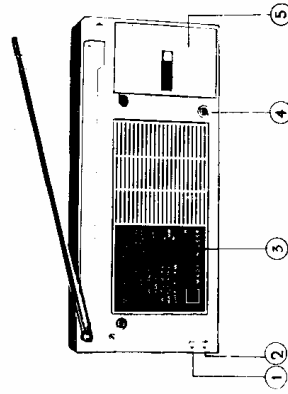


Fig. 2.

1. External antenna jack
 2. Ground jack
 3. Wavechange switch
 4. Earphone jack
 5. Battery compartment cover
3. tip. Riga. 72 65 50 000

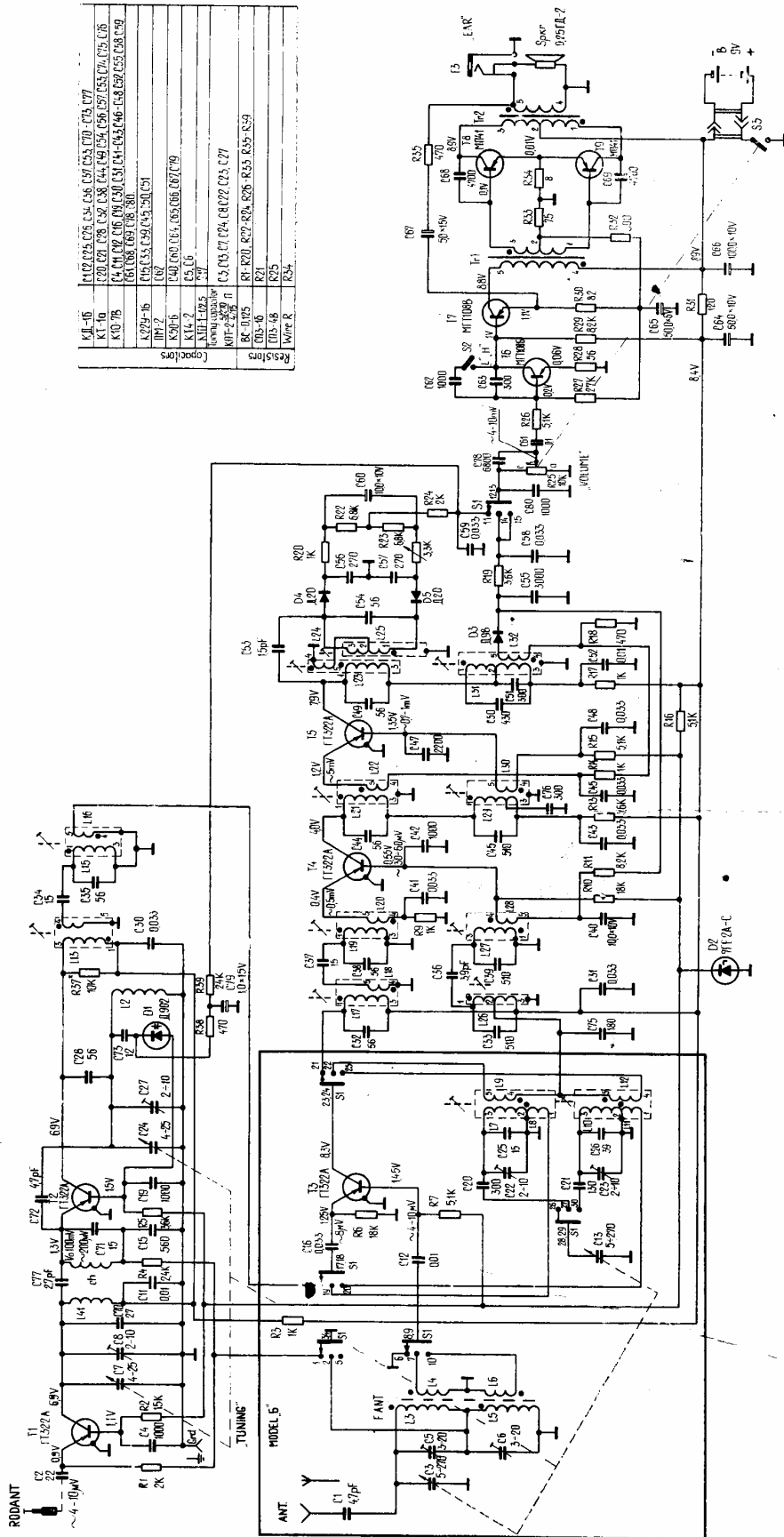
If it should be desired to hear the broadcasting programs over the earphone insert the earphone plug into the earphone socket (EAR) of the receiver, the internal speaker hereby being switched off automatically.

It is not recommended to listen in to powerful and local stations at maximum volume as this may lead to overloading of the receiver, and distortions may take place.

IMPORTANT!

To ensure reliable and long-lasting operation of your radio, please adhere to the following recommendations:

1. Protect the radio against shocks.
2. Do not apply too much force in handling the control knobs.
3. Ensure that installation of battery cells in the holder and connection of the holder to the connector is properly performed, taking into consideration the contact form.
4. Do not forget to switch off the radio when ceasing to listen in.
5. Do not leave worn-out cells in the radio. A decrease of sensibility and quality of the sound indicate an exhaustion of the battery.
6. Keep your radio away from rain and dust and do not leave it for a long time in the sun.



- 1 Resistors marked by Ω may differ from those shown in circuit
- 2 Resistor values marked by "K" are expressed in Kohn, and without letter - in ohm
- 3 Capacitor values marked by whole numbers - in pF, and by decimal - in nF
- 4 DC voltages measurements are taken with circuit tester 10×10^3 Volts with respect to "ground" (common) Band switch in position "VHF"
- 5 Values of voltages may differ from those in Circuit Diagram by ± 0.2 .

