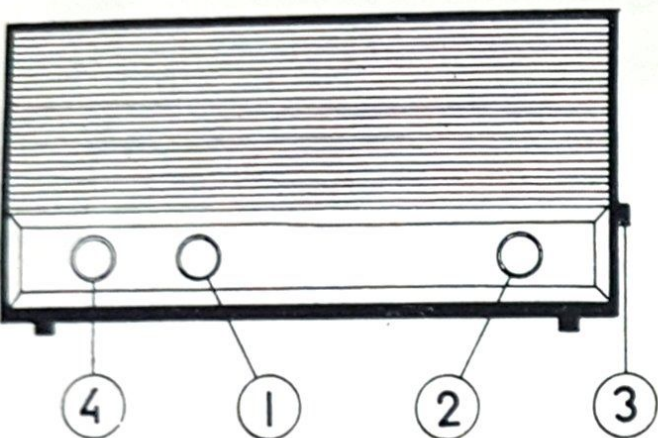


**IRYS**





1. Volume control and on/off switch
2. Tuning control
3. Wave range switch
4. Tone control

## SWITCHING ON

Before switching on, insert mains plug into the mains socket. Make sure you have the correct voltage. The receiver is designed for the A.C. 220 Volts, 50—60 cycles only. By turning the left control knob (1) clockwise, you will switch the set on. This knob also controls the volume.

## TUNING

To tune-in required station, move dial pointer by the right control knob (2).

## WAVE BAND

By shifting the wave switch slide (3) horizontally, you select the wave band required, e.g. long wave, medium wave or short wave.

## TONE CONTROL

Turn control knob (4) to adjust trebles.

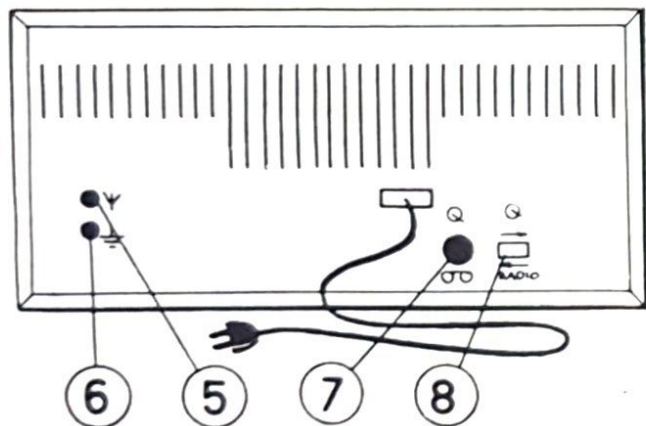
## AERIAL AND EARTHING

Two built-in aerials are fitted: an anti-interference ferrite aerial for long and medium ranges and a capacitive aerial for the short range. The use of an outdoor aerial is not required but one keep in mind that a good roof aerial and earthing may improve the reception of distant stations.

Caution! During storm, the outdoor aerial must be connected to earth!

## TAPE RECORDER AND PICK-UP

Pick-up and tape recorder sockets are provided at the rear panel of the receiver. When using the pick-up or tape recorder the switch should be set to right.



5. Outdoor aerial socket
6. Earthing socket
7. Tape recorder and pick-up
8. Radio — pick-up switch

## REPLACEMENT OF COMPONENTS

The fuse, as well as the bulbs illuminating the scale may be burn out during normal operation of the receiver. These components can be replaced after removal of the rear panel. Never repair the burnt-out fuses. Use new fuses of the same rating only.

## EQUIPMENT

- |                             |       |
|-----------------------------|-------|
| 1. Fuses 0.4 A              | 2 pcs |
| 2. Scale bulbs 6.3 V, 0.2 A | 2 pcs |
| 3. Operating instruction    | 1 pc  |

# SPECIFICATION

## Wave ranges

long — 165—285 kHz  
medium — 525—1605 kHz  
short — 5.95—12 MHz

## Valves

ECH81 — oscillator and mixer  
EBF89 — i.f. amplifier and detector  
ECL82 — audio amplifier and power amplifier

Selenium rectifier — SPS-5A-250-C-85

Dial illumination — 1 bulb 6.3 V, 0,2 A

## Tuned circuits

1 — input circuit  
1 — oscillator circuit  
4 — i.f. eliminator circuits

Intermediate frequency — 465 kHz

Sensitivity — 60  $\mu$ V

Selectivity — 40 dB

Nominal output power — 1.3 W

Power consumption — 30 VA

Power supply — 220 V, A.C. 50—60 c/s

Fuse — 0.4 A

Loudspeaker — GD 14.5—9.5/1.5 W, 5 Ohms

Sockets — extension aerial, earthing, pick-up and tape recorder

Cabinet — wooden case

Dimensions — 370 × 130 × 180 mm

Weight — 3.5 kg

**Note** — The manufacturers reserve the right to alter the specifications of this and their others products without prior notice.



# UNIVERSAL

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