

# SPECIFICATION, FACILITIES and PERFORMANCE

The sensitivities shown below give full output from Leak power amplifiers, "Stereo 20" or "Stereo 50", with a signal of 1,000 c/s, with tone controls at "FLAT" and the volume control at maximum.

**VALVES (Tubes) :** 4 — EF86 or Z729 or 6267 (International standard types of world-wide availability).

## INPUT SELECTOR

A five position switch allows the choice of inputs from :—

**PICKUP**, monaural and stereo

Sensitivity, 5mV r.m.s.

Characteristic, RIAA, the world standard for stereo and monaural records.

Input impedance, 70,000 ohms approx.

**TAPE HEAD**, monaural and stereo

Sensitivity, 4mV r.m.s.

Characteristic, CCIR with tone controls at "FLAT"; NARTB with treble control at "—2." With moderately priced heads, properly aligned, the playback response will be level within plus or minus 1db from 50-10,000 c/s when using EMI 7½ ins./sec. test tape SRT.13. This can usually be extended from 40-12,000 c/s by slight manipulation of the tone controls. The best heads, accurately aligned, will extend the response to 15,000 c/s.

Input impedance, 120,000 ohms approx.

**TUNER**, monaural and stereo

Sensitivity, 50mV r.m.s.

Characteristic, flat.

Input impedance, 70,000 ohms approx.

**MICROPHONE**, monaural and stereo

Sensitivity, 3mV r.m.s.

Characteristic, flat.

Input impedance, 120,000 ohms approx.

**EXTRA**, monaural and stereo

Sensitivity, 50mV r.m.s.

For (1) Any radio tuner,

(2) TV sound, or

(3) The output from equalised tape reproducers or the like.

Characteristic, flat.

Input impedance, 70,000 ohms approx.

## FUNCTION CONTROL

A five position switch allows the choice of :—

- (1) Stereo.
- (2) Stereo reverse (i.e. one can change the left-hand side of the orchestra over to the right, and vice versa).
- (3) Monaural PU (this converts a stereo pickup so that it may play monaural L.P. records).
- (4) R (monaural, connects both channels to the "Right" input device).
- (5) L (monaural, connects both channels to the "Left" input device).

## BASS CONTROL

Single knob, dual-ganged, close-tolerance, operative on both channels simultaneously. Continuously variable, plus or minus 16 db at 30 c/s.

## TREBLE CONTROL

Single knob, dual-ganged, close-tolerance, operative on both channels simultaneously. Continuously variable, plus or minus 14 db at 20,000 c/s.

## VOLUME CONTROL WITH ON/OFF SWITCH

Single knob, dual-ganged, close-tolerance, operative on both channels simultaneously. The switch controls the power supply to the remotely placed Leak power amplifier.

## BALANCE CONTROL

Single knob, dual-ganged, close-tolerance. Any degree of balance may be obtained, as either channel can be faded to zero output without affecting the other.

## RUMBLE FILTER SWITCH

Turnover, 70 c/s ; for use with the cheaper type of turntable.

## PANEL LIGHT

This is fitted as a visual reminder that the power supply is on when the lamp is alight.

## FACILITIES ON THE REAR PANEL

- (1) Outlets for Tape Recording : Situated on the rear, allowing for stereo or monaural recording from records, tape, radio, microphone and whatever device is connected to the "EXTRA" input.
- (2) Standard international type co-axial plugs and sockets are provided for all input connections.
- (3) Pre-set controls are provided for the adjustment of the level of the input signals from "PICKUP", "TUNER", and "EXTRA". These controls are single knob, dual-ganged, close-tolerance, operative on both channels simultaneously.
- (4) An octal male socket, marked "FROM AMPLIFIER" accepts the female plug termination of the 4 ft. cable which is supplied for connecting the pre-amplifier to the Leak power amplifier.
- (5) A 2-pin socket marked "SWITCH" accepts the plug and cable which connects to the Leak power amplifier to control its A.C. supply.
- (6) A special U-shaped bracket and wing-nut are provided for rapid and easy fixing of the "Point One Stereo" in a cabinet.