



GF808 record-playing system

Here, an excellent stereo amplifier and record deck are combined in one compact unit to save space and interconnection leads.

The output is 2 x 12 Watt continuous sine wave with total distortion less than 1% at 7 Watt sine wave.

Switchable rumble and scratch filters enable you to suppress low-frequency noise, or scratches on old records.

The turntable is belt-driven by a synchronous motor. This keeps speed steady, producing low figures for wow and flutter. It also minimises low-frequency noise (rumble), and gives greater reliability.

The low-resonance pick-up arm has a counterweight balance and is

accurately calibrated for adjustment of stylus pressure.

Sidethrust compensation is also easily adjusted for styli with either conical or elliptical tips.

The pick-up cartridge supplied is the Philips GP213 stereo ceramic (see pages 30-31).

At the end of a record, the motor switches off and the damped pick-up lift operates automatically.

There are input sockets for a radio tuner or tape recorder, and output sockets for tape recorder and the two loudspeaker enclosures. Each of these has a low-note woofer and high-note tweeter, fed by a crossover network, for natural reproduction over a wide frequency range.

The finish is rosewood veneer.

TECHNICAL SPECIFICATION GF808

AMPLIFIER

Power output: 12W sine wave power per channel (Total distortion $\leq 1\%$ @ 7W).

Hum and noise level: < -55 dB.

Inputs: 5 pin DIN sockets for Tuner—700 mV. Tape—700 mV for 12W output.

Outputs: 2 x 2 pin DIN sockets for 8 Ohm Loudspeakers.

5-pin DIN socket for tape output.

Controls: Volume, balance, bass, treble, scratch filter, rumble filter, programme selector (tape/tuner/pick-up) all rotary. With push-button on/off.

PLAYER DECK

Turntable speeds: $33\frac{1}{3}$, 45 r.p.m.

Wow and flutter: $\leq 0.2\%$.

Rumble: ≤ -58 dB.

Stylus force: 2-4 gm adjustable.

Pick-up: GP213 stereo ceramic mounted on slide in carrier with $\frac{1}{4}$ " fixing centres.

Side thrust compensation: Adjustable for conical and elliptical styli.

Pick-up lift: Viscous damped.

Dimensions: $16\frac{1}{2}" \times 11\frac{1}{2}" \times 6\frac{1}{2}"$ (412 x 291 x 164 mm).

LOUDSPEAKER ENCLOSURES

5" woofer, 2 $\frac{1}{2}"$ tweeter, crossover frequency 2 KHz.