

SPECIFICATION

Inputs

Input impedance, 20Hz – 20kHz

HIGH

LOW

Outputs

Output source impedance

Outputs loaded 600Ohms:

Total harmonic distortion

Output +20dBV.7

Static intermodulation distortion, 50Hz + 7kHz, 4:1

Output +20dBV.7, any gain

Noise all figures referred to input

HIGH input (LOW input)

Short circuit source

200Ohms source

Radio frequency breakthrough

Output level in a carrier field strength of +100dB μ V/m, 84MHz, 100% amplitude modulated with 1kHz sine wave.

1m input lead with 200Ohms source

Crosstalk, 200Ohms source, HIGH input

Minimum gain

Maximum gain

Frequency response

Clipping point

Gain, HIGH input (LOW input)

Transformer balanced.

Higher than 1kOhms, for 200Ohms microphones.

Higher than 250Ohms, for 500Ohms microphones.

Electronically balanced, polarity non-inverting.

Less than 150Ohms, 20Hz – 20kHz.

Minimum gain

100Hz – 20kHz –80dB, 0.01%

20Hz –50dB, 0.3%

Maximum gain

1kHz –66dB, 0.05%.

20Hz – 20kHz –56dB, 0.15%.

–80dB, 0.01%.

20Hz – 20kHz mean reading

–128dBV.7 (–134dBV.7)

–125dBV.7 (–131dBV.7)

CCIR468–2 peak

–120dBV.7 (–126dBV.7)

–115dBV.7 (–121dBV.7)

Less than –60dBV.7, any gain setting.

20Hz – 20kHz –80dB.

1kHz –64dB; 20Hz – 20kHz –40dB.

\pm 1dB 30Hz – 20kHz. Four If cuts, see graphs.

+24dBV.7 output, 20Hz – 20kHz.

25dB to 65dB (31dB to 71dB) in 10dB \pm 1dB steps.

BOX UNIT

Connections

XLR 5-pole, input female, output male.

Pin 1 common; Pin 2 left red; Pin 3 left blue; Pin 4 right red;

Pin 5 right blue.

Supply

Captive 3 core cable to BS6500 3m long.

90–120V OR 200–250V, 50–60Hz, 5VA.

Safety

Complies with IEC65–2, BS415.

Dimensions and weight

W 120mm, H 65mm, D 210mm; 1.6kg.

MODULE complete with mumetal box, switches and knobs

Supplies

\pm 15V at 70mA maximum. $I_q = 20mA$.

Dimensions and weight

W 105mm, H 45mm, D 80mm; 450g.

Module

