

7.3 AMPLIFIERS

7.3.1 EQUALIZATION

According to standard curve 3180/318/75 μ s using DIN 45.541 test record. The use of different equalizations (from 75 μ s to 0 μ s) is possible by means of an external potentiometer (option).

7.3.2 PREAMPLIFIERS

N. 2 independent units

— for magnetic cartridges (with 47 KOhm impedance):
input voltage from 2 to 10 mV

or:

— for dynamic cartridges (option):
input voltage from 0,3 to 1,5 mV.

7.3.3 LINE AMPLIFIERS

N. 2 independent units each circuit supplies the nominal level + 6 dBm and the max. level + 22 dBm with an impedance of 600 ohm; the nominal level is adjustable from 0 dBm to 12 dBm by means of a semi-fixed potentiometer mounted on the preamplifier.

7.3.4 RESPONSE CURVE

± 1 bB between 40 Hz and 15 KHz the response curve has an octave roll-off of min 24 dB below 30 Hz of 16 dB above 20 KHz.

7.3.5 HARMONIC DISTORTION (of the amplifier)

At nominal level + 6 dBm: 0,1% in the range 30 Hz to 15 KHz.

7.3.6 NOISE SUPPRESSION

Effective medium value - 73 dB (measured with filter CCIR 22 Hz \div 22 KHz).

7.3.7 CROSSTALK BETWEEN THE TWO CHANNELS

≤ 56 dB

7.3.8 HEADPHONES JACK

Output level up to + 12 dBm with input voltage 2 mV and load 200 Ohm.

7.3.9 MUTING SYSTEM

Automatic upon starting, cut-out by switch.