



ANALOGUE PREAMPLIFIER

MIMESIS REFERENCE

OUTPUT LEVEL

Nominal level: 1.55 V RMS
 Maximum output level (balanced): 9.6 V RMS
 Maximum output level (unbalanced): 4.8 V RMS
 Output impedance: 50 Ohms

FREQUENCY RESPONSE

These values for any level to 10 V RMS:
 +/- 0 dB, 20 Hz to 20 kHz
 +/- 3 dB, 0.2 Hz to 1.2 MHz

PINNACLE OF NOISE SUPPRESSION

The Mimesis Reference boasts painstakingly curated Ultra-Low Noise Active and Passive Components. Each element is renowned for its exceptional ability to quell noise and deliver unparalleled performance. This synergy ensures that the auditory canvas remains untainted, allowing nuances to flourish undisturbed.

INPUT SENSITIVITY

Nominal level: 100 mV
 Saturation level: 5 V RMS
 Nominal input impedance: 39 kOhms
 Separated input level adjustment for each of the 7 line inputs: -12 to 12 dB

INPUT LEVEL

Maximum input level (balanced): 9.6 V RMS
 Maximum input level (unbalanced): 4.8 V RMS

GROUP DELAY

Propagation delay <300 ns stable with frequency from DC to 200 kHz

DISTORTION

1 V RMS output level, 80 kHz measurement bandwidth
 600 ohms termination impedance
 THD unbalanced input to unbalanced output
 0.0002 % flat with frequency



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DISTORTION (CTD.)

THD balanced input to balanced output 0.0001 % flat with frequency

IMD unbalanced input to unbalanced output 0.0002 %

IMD balanced input to balanced output 0.0001 %

SPEED

Slew rate of the amplification stages: 2500 V/us

Rise time: < 400 ns

NOISE

Signal-to noise ratio on line input: > 126 dB (0.01 Hz - 10 MHz)

Weighted ASA A: > 136 dB

POWER

Nominal line voltage: 115 V or 230 V

Input voltage range: +/- 15 %

Maximum power consumption: 70 W

GROUNDING

Separated ground and earth signal

Connection optional between earth and ground to cancel all ground loops

SAFETY FEATURES

Automatic switching to MUTING if the AC line drops or is interrupted

Automatic protection against tape loops

FRONT PANEL CONTROL

MUTING/POWER switch control

VOLUME control

BALANCE control

RECORD/MENU switch

PHASE/EDIT switch

7 INPUT

REAR PANEL CONNECTORS & CONTROLS

Power connector

Earthing post (yellow-green)

Output connectors XLR (right & left) balanced

Output connectors RCA (right & left) for Tape and

Line outputs

Signal grounding post (black)

Input connectors XLR (right & left) balanced

Input connectors RCA (right & left) for Tape and line inputs

Link float

RS232 Connector

POWER SUPPLY CONTROLS

Main fuse (2.5 A slow-blow)

SIZE & WEIGHT

Preamplifier

44 W x 16 H x 40.6 D (cm) — 17.3 W x 6.3 H x 16 D (inch)

20 kg

Power Supply

44 W x 16 H x 39 D (cm) — 17.3 W x 6.3 H x 15.4 D (inch)

25 kg