

TECHNICAL SPECIFICATION

DPR 2.2

MC/(MM) Phono Preamplifier

| INTERNAL GAIN SETTINGS (J103-J104): | Pos 1. | Pos 2 | Pos 3 | off |
|--|--------|-------|-------|------|
| • GAIN LOW output (bal.-unbal.) @ 1 kHz: | 67dB | 58dB | 50dB | 71dB |
| • GAIN HIGH output (balanced) @ 1 kHz: | 73dB | 64dB | 57dB | 78dB |

| INTERNAL LOAD SETTINGS (J101-J102): | Pos 1. | Pos 2 | Pos 3 | off |
|-------------------------------------|--------|-------|-------|------|
| • LOAD: | 110Ω | 370Ω | 1k0Ω | 47kΩ |

| SIGNAL-TO-NOISE RATIO, ref. +10dBV: | WTD 22Hz-22kHz | | WTD < 10Hz-IEC-A | |
|-------------------------------------|----------------|--|------------------|--|
| • GAIN Pos.1 @ 1 kHz : | -85dB | | -90dB | |
| • GAIN Pos.2 @ 1 kHz | -94dB | | -99dB | |
| • GAIN Pos.3 @ 1 kHz | 101dB | | 106dB | |

| DISTORTION (TDH+NOISE): | REF.+10dBV | REF.+16dBV |
|--------------------------|------------|------------|
| • GAIN Pos.1 @ 1 kHz: | <0,003% | <0,0016% |
| • GAIN Pos.2 @ 1 kHz: | <0,0017% | <0,001% |
| • GAIN Pos.3 @ 1 kHz: | <0,001% | <0,0007% |

MAXIMUM OUTPUT LEVEL: > +18dBV (Low) > +24dBV (High)

FILTERS:

RIAA (Recording Industries Association of America) standard

RIAA/IEC (International Electro-Technical Commission) optional¹

RIAA Reproduction Characteristic (20Hz-20kHz): ±0.25dB

SUBSONIC FILTER(Sigma-Delta): -3dB @ 11Hz . Slope,- 24dB/okt.. No phase error (20Hz-20kHz)

INPUT:

Impedance balanced, 3-pin female XLR

Pin 1 chassis.

Pin 2 in phase (+)

Pin 3 out of phase (-) input GND

RCA-Jacks

OUTPUT HIGH:

44 Ω electronically balanced, 3-pin male XLR

Pin 1 chassis.

Pin 2 in phase (+)

Pin 3 out of phase (-)

OUTPUT LOW:

44 Ω impedance balanced, 3-pin male XLR

Pin 1 chassis.

Pin 2 in phase (+)

Pin 3 out of phase (-)

RCA-Jacks

MAIN SUPPLY:

2x24V DC external power for 230V 50-60Hz

DIMENSIONS:

Phono unit,-(WxHxD) in mm 270 x80x250,

Supply unit,-(WxHxD) in mm 125 x163x127

WEIGHT:

5 kg including power supply.

¹ RIAA/IEC : -3dB relative to RIAA level @ 20Hz

Manufactured in Norway

by

DYNAMIC
PRECISION