

TECHNICAL SPECIFICATION

DPR 2.0

MC/(MM) Phono Preamplifier

INTERNAL GAIN SETTINGS (J103-J104):	Pos 1.	Pos 2	Pos 3
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|--|------|------|------|
| • GAIN LOW output (bal.-unbal.) @ 1 kHz: | 67dB | 58dB | 48dB |
| • GAIN HIGH output (balanced) @ 1 kHz: | 73dB | 64dB | 54dB |

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

SIGNAL-TO-NOISE RATIO, ref. +10dBV:	WTD 22Hz-22kHz	WTD < 10Hz-IEC-A
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|------------------------|-------|-------|
| • 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
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|-----------------------|----------|----------|
| • 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: -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