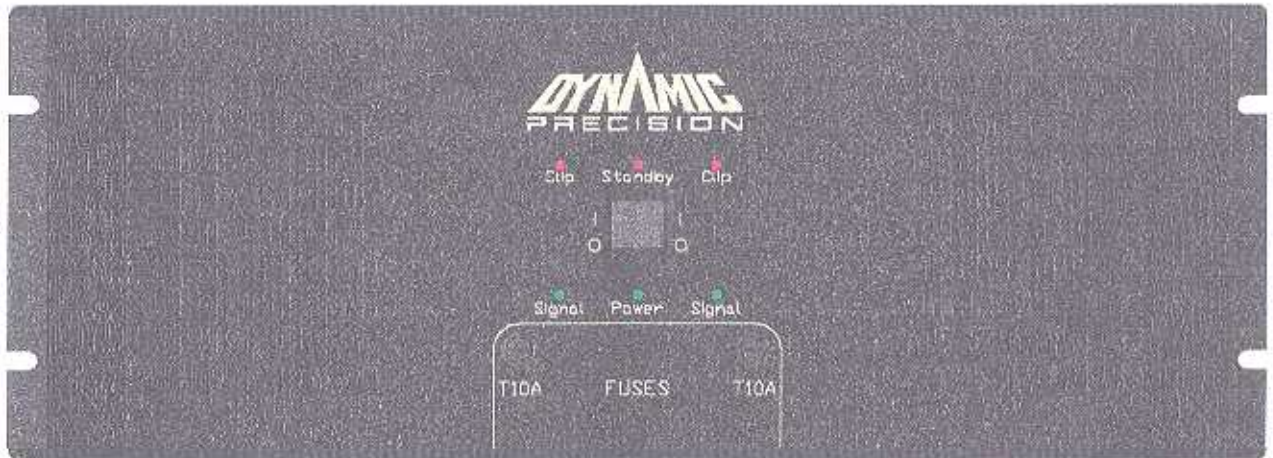


# DYNAMIC PRECISION



## TECHNICAL SPECIFICATION

### STEREO POWER AMPLIFIERS

DP1000H

DP500H

DP300H

PA400H

# TECHNICAL SPECIFICATION

## DP500H

POWER OUTPUT,RMS,20Hz-20kHz, @ 1% THD (clipping point) :	8 $\Omega$ load, 500W 4 $\Omega$ load, 1000W 2 $\Omega$ load, 2000W
MAXIMUM CURRENT SOURCE:	More than 80A ( 120A peak )
DISTORTION,THD @ 500W 20Hz-20kHz into 8 $\Omega$ load :	Less than 0.02 %
DISTORTION, THD @ 69V RMS,1 kHz:	Less than 0,0014 %
IM DISTORTION, CCIR 13kHz and 14kHz, @250W 8 $\Omega$ load:	Less than 0,001 %
FREQUENCY RESPONSE:	DC-400kHz -3dB <sup>3</sup>
SLEW RATE (input filter bypassed):	More than 200V/ $\mu$ S
DAMPING FACTOR:	500:1 @ DC-20kHz/8 $\Omega$
SIGNAL-TO-NOISE RATIO, Ref.600W/8 $\Omega$ load:	10Hz-80 kHz 105dB 22Hz-22kHz 111dB 22Hz-22kHz-QPK 102dB IEC-A weighted 114dB
INPUT IMPEDANCE (balanced):	100 k $\Omega$ (220pF in parallel)
VOLTAGE GAIN:	56x 35dB, standard <sup>4</sup>
MAX RMS VOLTAGE SWING:	69 V
SENSITIVITY:	1.24 V RMS for 600 W/8 $\Omega$
COMMON MODE REJECTION @ DC -100kHz:	More than 80dB
CROSSTALK REJECTION @ DC-20kHz:	More than 95dB
DIMENSION (WxHxD)in mm:	481 x 180 x 420
WEIGHT :	28 kg

<sup>3</sup> Frequency response may be change upon request

<sup>4</sup> Gain setting may be change upon request

Manufactured in Norway by:

**DYNAMIC**  
PRECISION