

RAP-1580MKII



Supports
Dirac Live LE



Decodes
DTS:X



Supports
Dolby Atmos



Bluetooth
with apt-X



7 x 140W class AB
amplification



Moving Magnet
Phono Input

RAP-1580MKII is the ideal home theater solution delivering uncompromised performance packaged in a size efficient chassis that rivals many separate theater component installations. It is an ultra-high-performance multichannel-integrated amplifier supporting DTS:X and Dolby Atmos 7.1.4 surround processing bringing music and movies to life with stunning clarity. The amplifier section is built upon a powerful Class AB design driving all 7 channels simultaneously at 140 watts per channel into 4 ohm speakers loads, anchored by a massive Rotel factory-made toroidal transformer.

RAP-1580MKII utilizes an array of 6 high performance Wolfson 24-bit/192kHz Digital-to-Analog Converters. These low noise, audiophile quality DACs are supported with premium-grade audio components in circuits tuned by Rotel's acoustic engineering team in the U.K.

Dirac Live LE and a USB microphone are included providing unrivaled room correction and system calibration. Dirac delivers improved staging, better clarity and deeper, tighter bass ensuring the RAP-1580MKII delivers optimal performance in any setting.

The front HDMI input and all 7 rear HDMI inputs support HDMI 2.0b 4K video with HDCP 2.2 supported on 3 of these inputs and both 4K/HDR video outputs. The seven-inch front panel graphic display provides easy adjustments of all configuration parameters directly on the unit ideal for set-ups where the equipment is installed in a remote location.

The RAP-1580MKII supports a vast array of audio sources including 3 analog, 6 digital, PC-USB (24b/192k), apt-X Bluetooth, XLR, Moving Magnet Phono Stage, multi-input and front panel iOS USB. The unit also includes 12V trigger controls, IR remote input and outputs, RS232 and Ethernet connections for effortless integration with all popular control systems.

Rotel's RAP-1580MKII is simple to operate, powerful, flexible and refined. It is a state-of-the-art single chassis audio/video processor including best-in-class Dirac Room Correction that outperforms most component systems. In stereo or surround sound, this is a serious audio component.

SURROUND-VERSTÄRKER-PROZESSOR

RAP-1580MKII



Technische Daten

Audio

Ausgangsleistung

1k Hz, THD < 0.05%, 4 Ohm	200 Watt / pro Kanal (2 Kanäle im Betrieb)
1k Hz, THD < 0.05%, 4 Ohm	140 Watt / pro Kanal (7 Kanäle im Betrieb)
1k Hz, THD < 0.05%, 8 Ohm	135 Watt / pro Kanal (2 Kanäle im Betrieb)
20 - 20 kHz, THD < 0.05%, 8 Ohm	100 Watt / pro Kanal (7 Kanäle im Betrieb)

Harmonische Verzerrungen

< 0.05%

Intermodulationsverzerrungen

< 0.05%

(60 Hz : 7 kHz, 4:1)

Frequenzgang

Phono Eingang	20 Hz - 20 kHz, ± 1 dB
Analog Bypass	10 Hz - 100 kHz, ± 1 dB
Digital Eingang	20 Hz - 20 kHz, ± 0.5 dB

Dämpfungsfaktor (1k Hz, 8 ohms)

230

Rauschspannungsabstand (A-Gewichtung)

Analog Bypass	100 dB
Digital Input	96 dB

Eingangsempfindlichkeit/-Impedanz

Phono Level	3.85 mV / 47 kOhm
Line Level	300 mV / 100 kOhm
Balance Level	600 mV / 100 kOhm

Ausgangsspannung Vorverstärker

1.2 V

Digital Audio

LPCM (bis 192 kHz, 24-Bit) Dolby® Surround, Dolby® TrueHD, Dolby® Atmos, DTS-HD Master Audio, DTS:X Dirac Live LE

Video

Eingang Auflösungen

480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p 24Hz, 3D, 4K, UHD

Ausgang Auflösungen

480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p 24Hz, 3D, 4K, UHD

Unterstützter Farbraum

sRGB, YCbCr 4:2:2, YCbCr 4:4:4

Unterstützt Deep Color

24-bit, 30-bit, 36-bit

HDMI Eingänge/ Ausgänge

8 Eingänge, 3 Eingänge unterstützen HDCP 2.2/ 2 Ausgänge unterstützen HDCP 2.2 und ARC

Allgemein

Leistungsaufnahme

1100 Watt
< 0.5 Watt (Standby)

Spannungsversorgung (AC)

230 Volt, 50Hz

BTU (4 ohms. 1/8 Power)

2800 BTU/h

Abmessungen (B x H x T)

431 x 192 x 470 mm

Höhe Gerätefront

4U / 177 mm

Nettogewicht

22.8 kg

Unverbindlicher Verkaufspreis

€ xxxxx,-

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