

5.1 Digitaldecoder - PULSAR DD 1530 R



The **DD 1530 R** is our digital decoder powerhouse. Its three output stages are based on the A 1530 R super-amplifier, while the decoder is borrowed from its little brother, the **DD 1230 R**. The machine incorporates the latest generation of signal processors, offering twice the computing power, optimised RAM memory and higher speed. The audio section has been significantly improved through the introduction of new 192 kHz/24-bit converters, while the revised video board supplies higher bandwidth, greater video dynamics and sharper picture quality.

Both digital decoders are fitted with three output stages which, in conjunction with the front speaker output stages, provide sound of extremely high quality. All of our pre-amplifiers and integrated amplifiers are equipped as standard with an interface (TASI) to which the decoder can be connected. Where a surround signal is present, the decoder assumes control of the entire system; in conventional stereo mode it disappears completely from the signal path. The decoders are equipped with sophisticated video boards, fine-tuned to suit European conditions. They have four RGB-capable Scart sockets to connect them to most picture sources, guaranteeing optimum picture quality for the whole reproduction chain.

The connection facilities provided by this unit are truly comprehensive. We have opted for the RGB format, as it undoubtedly provides the best possible picture quality. This means that we have concentrated our development work on the Scart norm which is widespread in Europe. Even when many external devices are connected to our decoders, they still supply uniquely brilliant picture quality. Even when all inputs and outputs are in use, the system is easy and logical to operate once it has been programmed correctly.

** Dolby-Digital und Pro-Logic sind eingetragene Warenzeichen der Dolby Laboratories Licensing Corporation*

Specifications:

<i>Principle</i>	3-Chanel amplifier with 5.1 digital-decoder
<i>Analogue inputs</i>	500 mV / 20 kOhm
<i>Digital inputs</i>	4 x SP/DIF 44.1 kHz and 48 kHz
<i>A/D converter</i>	2 Channel, 20 Bit, 48 kHz
<i>D/A converter</i>	6 Channel, 24 Bit, 192 kHz
<i>analogue filter</i>	3rd order, 60 kHz bessel
<i>Decoder typ</i>	56 Bit signal prozessor
<i>Frequency response</i>	1 Hz ... 22 kHz
<i>Total harmonic distortion</i>	< 0.004 %
<i>Signal : noise ratio (A-weighted)</i>	> 106 dB
<i>Signal : noise ratio (un-weighted)</i>	> 103 dB

eff system dynamic range > 94 dB

Channel separation > 100 dB

Volume control analogue, 1 dB increments

Tone controls fully digital, channel-separated

Operating modes Dolby Prologic, Dolby Digital (AC 3), dts Digital Surround

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Sound fields Stadion, Jazzclub, Oper, Bühne, Halle

Output stages

Nominal power per channel 4 ohm 200 W

8 ohm 150 W

Peak power per channel 4 ohm 250 W

8 ohm 200 W

Power bandwidth (+0 -3dB) 1 Hz ... 300 kHz

Slew rate 60 V / μ s

Damping factor > 100

Signal : noise ratio (A-weighted) > 110 dB

Total harmonic distortion < 0.002 %

Colours Black (RAL 9005)

Silver aluminium

Chrome * (non-standard version)

Remote control Via R-System

We reserve the rights to alter technical specifications