



DaTARIUS

Press release

DaTARIUS releases new generation DVD test players - series 5

At REPLItech Los Angeles DaTARIUS Technologies GmbH will release a new series of their DVD test player range, called Series 5. Both the DVD replica test player (DL-5.1) and the DVD stamper analyser (DSA-5.1) have been enhanced. These are in fact the first test players that will be sold under the brand name DaTARIUS and no longer under KOCH. Changes have been performed on two levels: hardware and software.

The series 5 DVD test players are delivered with the new software release version 6.01 enabling checking a number of new signals. A first new signal is called 'local defects' (also referred to as 'missing pits') and is measured via 2 parameters: HFL and DO. The parameter HFL (HF Low) is an indication for abnormal deviations in the HF signal: the HF signal is lower than 70 % (adjustable) of the maximum HF value. These deviations do not cause problems for consumer players. The second parameter, DO (Drop Out) detects abnormal deviations in the HF signal, which cause read-out problems for consumer players. In such a case, the HF signal is lower than 30 % (adjustable) of the maximum HF value.

Further new parameters that can be checked are: sector number of DVD9 OTP, space layer thickness, Vertical Deviation (VDEV), and Radial Noise 1 (Rad1, Radial Noise for frequencies lower than 1,1 kHz).

Calibration of the series 5 test players can be performed with the Multidimensional Calibration Tool, which offers a wide range of possibilities and new ways to tune calibration and to define a calibration policy. This tool is part of the software release 6.01, which is standard installed on series 5 test players, and includes an MdC editor, which enables users to design their own reference files.

On the hardware side the players are equipped with a new board, enabling the checking of following signals: RAD1, VDEV, DO, and HFL. Also the players' 'look' has been polished: the front panel got a nice face-lift, indicating the new line of products. The style is based on the previous design, so 'old' and 'new' players can appear in the same rack, but the colour scheme has been adapted to the DaTARIUS style (grey and wine red).