



Professional Test DVDs

Introduction:



Rohde & Schwarz and BUROSCH offer a complete test suite of all the signals needed to test a DVD player.

This unique collection of all possible test pictures, test video and audio streams provides all the tests required to perform all conceivable picture and sound quality tests as well as EMC tests on DVD players.

When used together with Rohde & Schwarz audio and video analyzers or EMC test systems, the Professional Test Signals make automatic quality testing for all kinds of DVDs possible.

DVD Set:



The test suite is supplied on five DVD-ROMs comprising three albums:

- Album 1 contains more than 100 video sequences on a DVD VIDEO including tests for measuring electromagnetic susceptibility and immunity
- Album 2 contains one DVD AUDIO and one DVD VIDEO with stereo and multichannel test sequences
- Album 3 contains two DVD VIDEO with data streams for measuring the automatic error correction as well as the reliability of systems including DVD components

Applications:

Test and development of DVD players and other devices

- Precompliance measurement on video and audio equipment
- Objective measurement and assessment of video and audio signals
- Type approval tests in accordance with international standards
- Subjective quality tests of video and audio equipment

Preliminary

Product Information

Contents of DVDs

Album		DVD Format Type	Content / Application	Remarks	R&S Products
DVD No.					
1	1	Video 1) 5	Test patterns, video streams and EMC test sequences	<ul style="list-style-type: none"> • More than 100 streams • 4:3 and 16:9 	Video Measurement System R&S VSA Video Analyzer R&S UAF Audio Analyzer R&S UPL EMS Test System R&S TS9980 EMI Test System R&S TS9975
		Booklet	General instructions and stream lists		
2	2	Video 1) 5	Stereo and multichannel test sequences	<ul style="list-style-type: none"> • More than 100 streams • Stereo, Dolby Digital and DTS signals 	Audio Analyzer R&S UPL
	3	Audio 5			
3	4	Video 1) 5	Laser and memory check	<ul style="list-style-type: none"> • 30 tracks (all with identical ring width) 	Digital Video Quality Analyzer R&S DVQ (recognize picture freeze / loss, A/D converter required)
	5	Video 1) 5	Reliability test	<ul style="list-style-type: none"> • Endless replay (short picture freeze at end of DVD) 	

1) for PAL or NTSC



Technical Data:

Regional code
Colour system
Format

0
PAL or NTSC
4:3, 16:9

Order/Stock No.:

1159.6090.02 (PAL)

1159.6090.03 (NTSC)

Date of Availability:

December 2002

Internet Link:

www.testdvd.rohde-schwarz.com



Preliminary