

MPEG Test System

► AD952-IIR Stream Analyzer Recorder • AD952-IIM Stream Analyzer Monitor



The AD952-II family of stream analyzers provides in-depth deferred analysis and comprehensive checking of MPEG-2, DVB, ATSC and ISDB transport streams. The analyzers fully support Tektronix scripting system, which enables the user to specify additional analysis functionality for use with proprietary systems.

The AD952-IIR Stream Analyzer/Recorder combines deferred time analysis with the recorder/player application to provide recording and seamless playback of streams at data rates up to 90 Mb/s.

- Player/Recorder
- Make Seamless
- TS Analyzer
- PES Analyzer
- Buffer Analyzer
- TS Editor, Maker, Cutter

The AD952-IIM Stream Analyzer/Monitor offers both real time and deferred time analysis combined with triggered or manual recording of streams.

- Stream Monitor Plus
- TS Analyzer
- PES Analyzer
- Buffer Analyzer
- TS Editor, Maker, Cutter

► Features & Benefits

Recording and Seamless Playback Combined With In-depth Deferred Time Analysis You Can Use to Fully Characterize Your Product or System Design (AD952-IIR)

Real Time and Deferred Analysis for Monitoring and Design Performance Problem Diagnosis (AD952-IIM)

In-depth Deferred Analysis of Transport Stream, Packetized Elementary Stream and Buffer Performance

Comprehensive Checking of MPEG-2, DVB, ATSC and ISDB Transport Streams

► Applications

- Development
- Production
- Transmission
- Satellite
- Cable
- Terrestrial

MPEG Test System

▶ AD952-IIR Stream Analyzer Recorder • AD952-IIM Stream Analyzer Monitor

▶ Characteristics

Record

Maximum Record Time at the Rate of 60 Mb/s with Standard Hard Disk – 18 minutes.

Maximum Data Rate – 90 Mb/s.

(Trig Rec/Monitor – 60 Mb/s.)

Minimum Data Rate – 250 kb/s.

Playout

Maximum Playout Time at 60 Mb/s – 18 minutes.

Maximum Data Rate – 90 Mb/s.

Minimum Data Rate – Using internal clock:
2.5 Mb/s.

Using external clock: 250 kb/s.

Bit Rate Resolution – 1 b/s.

Frequency Resolution – 0.03 Hz.

Clock Accuracy – ± 1 ppm.

Aging & Drift – < 1 ppm per year.

Physical Characteristics

AD952-IIR/AD952-IIM Tower

Dimensions	cm	in.
Width	23.5	9.3
Height	44	17.3
Depth	43	16.9
Weight (system unit)	kg	lb.
Net	16.9	37.3

AD952-IIR/AD952-IIM Portable

Dimensions	cm	in.
Width	36.6	14.4
Height	19.2	7.6
Depth	46.5	18.3
Weight	kg	lb.
Net	14	30.9

▶ Ordering Information

AD952-II

AD952-IIR/AD952P-IIR

Stream Analyzer/Recorder Includes – AD952 Tower PC platform or AD952P Portable platform, DVB Synchronous Parallel Interface, DVB Synchronous Parallel Cable, Player/recorder Application, Seamless Application, Transport Stream Analyzer, Packetized Elementary Stream Analyzer, Buffer Analyzer, Transport Stream Cutter, Editor and Maker, Software Security Dongle, Manual, Installation CD, Test Streams CD, Recovery CD.

AD952-IIM/AD952P-IIM

Stream Analyzer/Monitor Includes – AD952 Tower PC Platform or AD952P Portable Platform, DVB Synchronous Parallel Interface, DVB Synchronous Parallel Cable, Transport Stream Monitor Plus Application, Transport Stream Analyzer, Packetized Elementary Stream Analyzer, Buffer Analyzer, Transport Stream Cutter, Editor and Maker, Software Security Dongle, Manual, Installation CD, Test Streams CD, Recovery CD.

Options

MICS – MIC 1.1S (with accurate clock circuit) Only for applications mentioned below.

ASI – ASI/M2S Interface.

LBND – L-Band + card.

GPSI – GPSI II card (SMPTE 310M, RS422 Serial, DVB SSI, DHEI REC).

GP/PL – GPSI II+ card (SMPTE 310M, RSP422, Serial, DVB SSI, DHEI TX & REC).

DB – MPEG/DVB Carousel Analyzer.

MX – DVB/ATSC/ARIB Multiplexer including make seamless.

MS – Make Seamless Application (AD952-IIM only).

MPLUS – DVB/ATSC/ARIB Monitor Plus (AD952-IIR only).

DU – Duplex Operation Player/Monitor or Player/Recorder – Excluding portables.

IN – ES Analyzer with AAC Player and 608 CC and 708 CC (V6.3 Minimum).

AA – AAC Player stand alone – no ES Analyzer.

CC – Closed Caption Analysis, stand alone – no ES Analyzer.

SM/ZM – DVB/ATSC Recorder/Monitor (AD952-IIR only).

IX – BS Digital Multiplexer (Japan).

VI – Viaccess Analysis for TS analyzer. Approved customers only.

OP – Open TV Analysis for TS analyzer. Approved customers only.

XS – XSI Analysis software.

951SW – Player Software including make seamless (AD952-IIM only).

EX7 – Internal 7 GB Exabyte Tape Drive.

9GB – Internal 9 GB disk drive (in addition to standard drive).

18GB – Internal 18 GB disk drive (replace current drive).

18GBA – Internal 18 GB disk drive (in addition to standard drive).

36GB – Internal 36 GB disk drive (replace current drive).

36GBA – Internal 36 GB disk drive (in addition to standard drive).

DAT – Internal DAT drive.

CDW – Internal CD ROM Writer plus Adaptec Easy CD Creator software.

FCT – Flight Case for AD952-IIM or AD952-IIR.

FCP – Flight Case for AD952P-IIM or AD952P-IIR.

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Contact Tektronix

ASEAN Countries (65) 356-3900

Australia & New Zealand 61 (2) 9888-0100

Austria, Central Eastern Europe, Greece,
Turkey, Malta & Cyprus +43 2236 8092 0

Belgium +32 (2) 715 89 70

Brazil and South America 55 (11) 3741-8360

Canada 1 (800) 661-5625

Denmark +45 (44) 850 700

Finland +358 (9) 4783 400

France & North Africa +33 1 69 86 81 81

Germany +49 (221) 94 77 400

Hong Kong (852) 2585-6688

India (91) 80-2275577

Italy +39 (2) 25086 501

Japan (Sony/Tektronix Corporation) 81 (3) 3448-3111

Mexico, Central America & Caribbean 52 (5) 666-6333

The Netherlands +31 23 56 95555

Norway +47 22 07 07 00

People's Republic of China 86 (10) 6235 1230

Poland (48) 22 251 5340

Republic of Korea 82 (2) 528-5299

South Africa (27 11) 254-8360

Spain & Portugal +34 91 372 6000

Sweden +46 8 477 65 00

Switzerland +41 (41) 729 36 40

Taiwan 886 (2) 2722-9622

United Kingdom & Eire +44 (0)1344 392000

USA 1 (800) 426-2200

For other areas, contact: Tektronix, Inc. at 1 (503) 627-1924



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