

Eclipse is an R&D house specialising in live-broadcast equipment. Everything is designed, created and produced by accomplished and acclaimed en-gineers, all of whom possess extensive knowledge and understanding of using equipment out in the field. This means that from inception, all products are designed in a practical, perceptive and intelligent manner and every aspect of the design is focused on the user and its operating environment. Eclipse equipment is already successfully used by leading Broadcasters but it's also regularly used by the team that design it. A team who are continu-ally developing and impoving the technology in order to meet the constantly evolving landscape of live-broadcasting.

TEST EQUIPMENT

Pocket Video & Audio Multi-Test Tools

Signal Box Range

Video Input - CVBS ○ ✓ SD-SDI● ✓ ✓ HD-SDI ✓ ✓ 3G-SDI (Level A&B)● ✓ ✓ HD-SDI ✓ ✓ 3G-SDI (Level A&B)● ✓ ✓ HD-SDI ✓ ✓ 3G-SDI (Level A&B)● ✓ ✓ Line Text Identification ✓ ✓ Moving Cursor on Output ✓ ✓ Multiple test Patterns ✓ ✓ Audio Input - SDI - Embedded● ✓ ✓ Channel Active Bit Detect ✓ ✓ Valid Packet Bit Detect ✓ ✓ Valid Packet Bit Detect ✓ ✓ Audio PID Monitoring ✓ ✓ A Test Tones ✓ ✓ 1Hz Adjustable Tone Steps ✓ ✓ GLITZ & BLITZ ✓ ✓ Non-Broadcast Sampling Rates ✓ ✓ Audio Monitoring - Graphical Metering ✓ ✓ Speaker ✓ <td< th=""><th></th><th>Red</th><th>Blue</th><th>Yellow</th></td<>		Red	Blue	Yellow
HD-SDI 3G-SDI (Level A&B) Video Output - CVBS SD-SDI HD-SDI 3G-SDI (Level A&B) Line Text Identification Moving Cursor on Output Multiple test Patterns Audio Input - SDI - Embedded Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring V V V Audio Monitoring Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Power - External Power Input Auto Screen Off Control	Video Input - CVBS	\Diamond	✓	✓
Video Output - CVBS SD-SDI●	SD-SDI❶	~	~	✓
Video Output - CVBS SD-SDI● HD-SDI Y 3G-SDI (Level A&B) ● Y Line Text Identification Y Moving Cursor on Output Y Multiple test Patterns Y Audio Input - SDI - Embedded● Y Channel Active Bit Detect Y Valid Packet Bit Detect Y Audio PID Monitoring Y Audio Output - SDI-Embedded● Y 4 Test Tones Y 1Hz Adjustable Tone Steps Y GLITZ & BLITZ Y Non-Broadcast Sampling Rates Y Audio Monitoring - Graphical Metering Y Speaker Y Headphone Jack (3.5mm) Y Video Data Analysis - VPIDs Detect & Display Y CRC Monitoring Y Genlock Output - Black & Burst Y Tri-Level Sync Y Power - External Power Input Y Auto Screen Off Control Y	HD-SDI	~	~	✓
SD-SDI HD-SDI 3G-SDI (Level A&B) \(\) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	3G-SDI (Level A&B) ❷	V	V	✓
HD-SDI 3G-SDI (Level A&B) Line Text Identification Moving Cursor on Output Multiple test Patterns Audio Input - SDI - Embedded Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Video Output - CVBS	~	~	✓
SG-SDI (Level A&B) Line Text Identification Moving Cursor on Output Multiple test Patterns Audio Input - SDI - Embedded Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded V 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	SD-SDI❶	~	~	✓
Line Text Identification Moving Cursor on Output Multiple test Patterns Audio Input - SDI - Embedded Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	HD-SDI	~	~	✓
Moving Cursor on Output Multiple test Patterns Audio Input - SDI - Embedded® Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded® 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	3G-SDI (Level A&B) ❷	~	~	✓
Audio Input - SDI - Embedded Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Line Text Identification	~	~	✓
Audio Input - SDI - Embedded® Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded® 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Moving Cursor on Output	~	~	✓
Channel Active Bit Detect Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1 Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Multiple test Patterns	~	~	✓
Valid Packet Bit Detect Audio PID Monitoring Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps OLITZ & BLITZ Non-Broadcast Sampling Rates OAdio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Audio Input - SDI - Embedded	V	V	✓
Audio Output - SDI-Embedded 4 Test Tones 1Hz Adjustable Tone Steps CHITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Channel Active Bit Detect	~	~	✓
Audio Output - SDI-Embedded® 4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Valid Packet Bit Detect	~	~	~
4 Test Tones 1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Audio PID Monitoring	~	~	✓
1Hz Adjustable Tone Steps GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Audio Output - SDI-Embedded €	~	~	~
GLITZ & BLITZ Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	4 Test Tones	~	~	\bigcirc
Non-Broadcast Sampling Rates Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	1Hz Adjustable Tone Steps	\Diamond	\Diamond	✓
Audio Monitoring - Graphical Metering Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	GLITZ & BLITZ	\Diamond	\Diamond	✓
Speaker Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Non-Broadcast Sampling Rates	\Diamond	\Diamond	✓
Headphone Jack (3.5mm) Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Audio Monitoring - Graphical Metering	~	✓	✓
Video Data Analysis - VPIDs Detect & Display CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Speaker	\Diamond	\Diamond	✓
CRC Monitoring Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Headphone Jack (3.5mm)	\Diamond	\Diamond	✓
Genlock Output - Black & Burst Tri-Level Sync Power - External Power Input Auto Screen Off Control	Video Data Analysis - VPIDs Detect & Display	~	~	✓
Tri-Level Sync Power - External Power Input Auto Screen Off Control	CRC Monitoring	~	✓	✓
Power - External Power Input ✓ ✓ Auto Screen Off Control ✓ ✓	Genlock Output - Black & Burst	~	~	✓
Auto Screen Off Control	Tri-Level Sync	~	~	✓
	Power - External Power Input	V	✓	V
Auto Unit Off Control ✓ ✓ ✓ ✓	Auto Screen Off Control	V	V	V
	Auto Unit Off Control	V	V	V

• 16:9 Anamorphic Signal • 4:2:2, Y'Pb'Pr, 10-Bit • 48kHz, 24-bit