

GLI 2000 Series

Heavy Duty Ground Loop Inhibitors

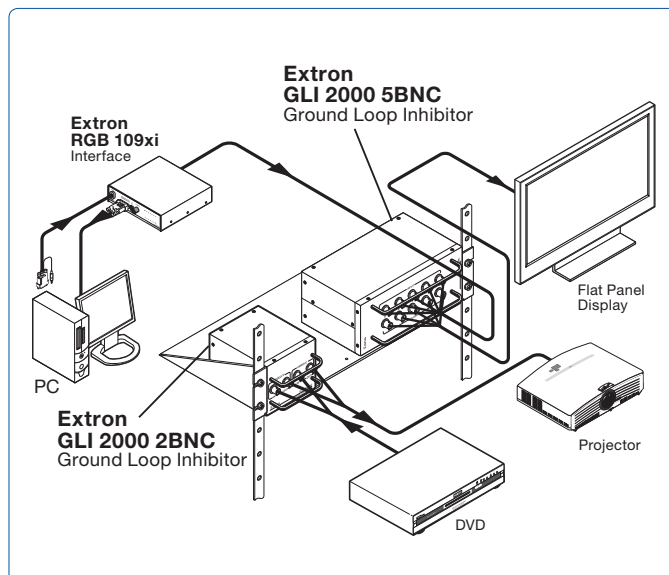


DESCRIPTION

The Extron **GLI 2000 Series** of heavy duty Ground Loop Inhibitors offer reliable, simple solutions for A/V system ground loop problems. The GLI 2000 Series' compact design and rugged construction make them ideal solutions for staging applications where mobility and ease of handling are required. Each model comes standard with protective rails which guard connectors from damage. This flexibility in design allows them to be mounted virtually anywhere, including in a rack or road case, near the projector, or in/under furniture. The GLI 2000 series is available in two models: a five-BNC version for all signal types from RGBHV down to composite, and a two-BNC version for S-video and composite video. GLI 2000 Series products are able to handle even the highest frequency signals and various cable lengths without signal degradation.

SERIES FEATURES

- Proven and reliable passive technology
- High core saturation voltage effectively eliminates hum bars and common-mode noise caused by ground loops
- 10-2000 kHz horizontal frequency range
- No external power required
- Multi-video format compatible



SPECIFICATIONS

VIDEO

Core saturation voltage	>10 V
Bandwidth	
GLI 2000 5BNC	>425 MHz (-3 dB) for RGB, >200 MHz (-3 dB) for HV
GLI 2000 2BNC	>100 MHz (-3 dB)

VIDEO INPUT

Number/signal type	
GLI 2000 5BNC	1 VGA-QXGA RGBHV, RGBS, RGSB, RsGsBs
GLI 2000 2BNC	1 S-video or 2 composite video

Connectors

GLI 2000 5BNC	5 female BNC
GLI 2000 2BNC	2 female BNC

Nominal level

1 Vp-p for Y of S-video, and for composite video
0.7 Vp-p for RGB
0.3 Vp-p for C of S-video

VIDEO OUTPUT

GLI 2000 5BNC	1 VGA-QXGA RGBHV, RGBS, RGSB, RsGsBs
GLI 2000 2BNC	1 S-video or 2 composite video

Connectors

GLI 2000 5BNC	5 female BNC
GLI 2000 2BNC	2 female BNC

Nominal level

1 Vp-p for Y of S-video, and for composite video
0.7 Vp-p for RGB
0.3 Vp-p for C of S-video

SYNC — GLI 2000 5BNC, UNLESS OTHERWISE INDICATED

Input type	RGBHV, RGBS, RGSB, RsGsBs
Output type	RGBHV, RGBS, RGSB, RsGsBs
Standards	
GLI 2000 2BNC	NTSC 3.58, NTSC 4.43, PAL, SECAM
Input level	-15 V to +15 Vp-p
Output level	-15 V to +15 Vp-p, unterminated

GENERAL

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Mounting	
Rack mount	Yes, with optional 2U rack shelf
Enclosure type	Metal
Enclosure dimensions	
GLI 2000 5BNC	3.4" H x 8.6" W x 5" D (2U high, half rack wide) (8.6 cm H x 21.8 cm W x 12.7 cm D)
GLI 2000 2BNC	3.4" H x 4.3" W x 5" D (2U high, one quarter rack wide) (8.6 cm H x 10.9 cm W x 12.7 cm D) (Depth excludes connectors/guards and handles.)
Product weight	
GLI 2000 2BNC	3.1 lbs (1.4 kg)
GLI 2000 5BNC	6.2 lbs (2.8 kg)
Regulatory compliance	
MTBF	30,000 hours
Warranty	3 years parts and labor

For complete specifications, please go to www.extron.com

GLI 2000 2BNC

Heavy Duty Ground Loop Inhibitors

- UNIQUE FEATURES
- For S-video and composite video signals
 - Inputs: Two female BNC connectors
 - Outputs: Two female BNC connectors
 - 100 MHz (-3 dB) video bandwidth



MODEL	VERSION DESCRIPTION	PART #
GLI 2000 2BNC	GLI with 2-BNC Connectors	60-603-01

GLI 2000 5BNC

Heavy Duty Ground Loop Inhibitors

- UNIQUE FEATURES
- For RGBHV through composite video signals
 - Inputs: Five female BNC connectors
 - Outputs: Five female BNC connectors
 - 425 MHz (-3 dB) video bandwidth



MODEL	VERSION DESCRIPTION	PART #
GLI 2000 5BNC	GLI with 5-BNC Connectors	60-601-01