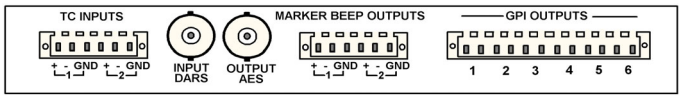
GPI and Marker Beep Module

GPI-3901

DESCRIPTION

The GPI-3901 is a highly configurable General-purpose interface module. The GPI-3901 gives the user tremendous flexibility when configuring marker beep and GPI operation. When used in conjunction with the CSD-3901 the GPI-3901 gives the customer the ability to trigger events and marker beeps at precision intervals.

This module, as is the case with all modules in the NEO family, can be controlled locally via a front-edge display or by remote communications allowing for remote control, monitoring and diagnostics using hardware control panels and/or a GUI.



FEATURES

- **Front panel, menu driven operation**
- **Card Edge control**
- **2 LTC inputs. Supports simultaneous operation of drop and non-drop timecode**
- **6 GPI Outputs with programmable events. Events are programmable for time and date, duration and recurrence. Outputs are invertable**
- **2 user configurable marker beep outputs**
- **1 AES unbalanced marker beep output**
- **1AES unbalanced reference input**
- **Built in speaker for monitoring beeps during setup.**
- **Command Control System (CCS) Enabled**

SPECIFICATIONS

Specifications and designs are subject to change without notice.

INPUT

LINEAR TIME CODE

Standard	SMPTE-12M 1999. Frame rate (non-drop) at 25 Hz or 30 Hz
Connector	WMR
Impedance	Hi-Z, balanced
Signal level	4 V p-p, ±8 dB

UNBALANCED DARS REFERENCE

Standard	SMPTE 276M S4.4
Connector	BNC (IEC 169-8)
Signal amplitude	100 mV p-p to 1.1 V p-p
Impedance	75 Ohms
Return loss	>25 dB, 0.1 MHz to 6.0 MHz

OUTPUT

GPI

Number of outputs	6
Connector	WMR
Contact resistance	100 m Ohms (1 A at 6 V DC)
Contact rating	1 A at 24 V DC

UNBALANCED AES MARKET BEEP

Standard	SMPTE 276M S4.4
Connector	BNC (IEC 169-8)
Signal level	1 V p-p, ± 10%
Tone level	-20 dBFs, ± 0.3 dBFs
Impedance	75 Ohms
Return loss	>25 dB, 0.1 to 6.0 MHz

USER-CONFIGURABLE BALANCED ANALOG AUDIO MARKER BEEP

Connector	WMR
Impedance	Low impedance or 600 Ohms balanced
Signal level	6 dBu, 10 dBu, 14 dBu ±1 dBu (low impedance); 0 dBm, 4 dBm, 8 dBm ±1 dBm (600 Ohms balanced)
Marker beep frequency	From 400 Hz to 1500 Hz, in 100 Hz steps
THD+N	<-40 dB

POWER CONSUMPTION

Power Supply	Power Consumption
24 V	5 W

ORDERING INFORMATION

For more information visit www.leitch.com

GPI-3901	GPI and Marker Beep Module

RELATED PRODUCTS

CSD-3901	Master Clock Driver

NOTE: See NEO Series Frames and Local Control Panel Section for ordering information on frames, local panels and power supply