

## LTG-50HS Datasheet

### 1. Specifications

#### Basic specifications

Temperature	100VAC - 240VAC $\pm$ 10%, 50Hz/60Hz	
Humidity	27 VA (25 W) (at 100VAC)	
Power	0°C - 40°C	
Consumption	30% - 90% (no condensation)	
Dimensions	212(W) x 44(H) x 350(D)mm	
Weight	2.5kg	
Consumables (at 24-hour operation)	Backup battery: CR-2032 Cooling fan: P-1439	Replace every 5 years (at room temp.) Replace every 5 years (at room temp.)

#### Technical specifications

TV Standard	SD-SDI: 525/60, 625/50 HD-SDI: 1080/59.94i, 1080/50i, 1080/60i, 1080/24p, 1080/24PsF, 1080/23.98p, 1080/23.98PsF, 1080/30p, 1080/29.97p, 1080/25p, 720/59.94p, 720/50p, 720/60p * 1080/25PsF is supported by 1080/50i, 1080/30PsF by 1080/60i, and 1080/29.97PsF by 1080/59.94i.	
Video Input	SD-SDI: 270Mbps HD SDI: 1.485Gbps or 1.485/1.001Gbps 75 $\Omega$ BNC 1input (bypass through to video outputs supported)	
Genlock Input	BB: NTSC 0.429V(p-p)/PAL 0.45V(p-p) or Tri-level sync $\pm$ 0.3V 75 $\Omega$ BNC 1 input	
Pull-in Range	Within $\pm$ 0.5H (to the genlock phase)	
Video Output	SD-SDI: 270Mbps HD SDI: 1.485Gbps or 1.485/1.001Gbps 75 $\Omega$ BNC 2 outputs (1 line x 2 connectors) * The ancillary data including embedded audio will be passed through.	
I/O Delay	Input Lock settings Minimum delay (* varies depending on the video format.) GenLock settings (BB, or TRI) 1H (when the input and genlock phases match)	
Interface		
REMOTE	15-pin D-sub female, 1 port	
Remote input	Switch pages (can be set in the menu) TTL negative logic level signal or Make contact, Pulse width: 100ms or more, 8 inputs	
Time correction input	TTL negative logic pulse signal or Make contact, Pulse width: 100ms or more, 1 input	
Fan alarm output	Make contact relay, Max 24V DC 100mA, 1 output	
RS-232C	9-pin D-sub male, 1port	

LAN	10Base-T/100BASE-TX, RJ-45 (Category 5), 1 port
Title Display Character limit Page limit Character set Font type Font sizes Display position Title color	Max. 40 characters x 10 lines 256 pages ISO8859-1 (Latin-1) character set Roman and Gothic 5 levels (per-line setting) Per-line setting Per-line setting (Text and background: full color)
Date/Time Display	Display line selectable (up to 2 lines) Year, month, day, hour, minute and second 24-hour display / 12-hour display switchable * Display format selectable
Bitmap Image Display	Logo and image files displayed in desired locations
Text Crawl	Displayed on up to 2 desired lines (MIX output only) Maximum characters 1 <sup>st</sup> line: Max. 512 characters 2 <sup>nd</sup> line: Max. 256 characters * The maximum number of characters varies depending on video format, font size, and font type settings. Maximum pages: 256 pages
Clock precision	Less than $\pm 10$ seconds per month (at 0°C to 40°C)
Data Backup (Clock data)	Lithium battery
Data Backup (Except clock data)	Stored to FLASH memory (Program erase cycle limit: approx. 200,000 P/E cycles)

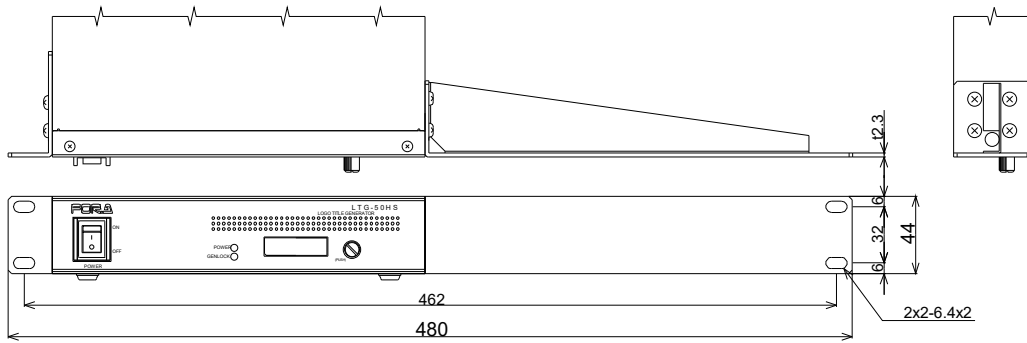
#### Accessories

AC cord, CD-ROM, and Packing List



**Installing one unit in a rack**

(All dimensions in mm.)



**Installing two units in a rack**

(All dimensions in mm.)

