

HDTV/SDTV Sync Generator SG-7810



Sync generator that can output BB and HD Tri-level sync.

「Outline of product」

SG-7810 is a sync generator that can output BB and HD Tri-level sync.

It has 6 outputs (2outputs x3ch) and you can assign which sync (BB or HD Tri-Level sync) should be output from each channels.

It can process external reference (BB and Tri-level sync) and it can output sync genlocked to the reference.

It can be also used as signal generator with HDSDI output (4ch).

「Feature」

- Synchronized sync(Tri-level and BB) and HDSDI can be output
- External reference input(Tri-level and BB)
- Output sync phase adjustable(1frame)
- Pattern generator function with phase adjustable function
- Embedded audio generator function with selectable output channel, amplitude and frequency
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- Time code embedded function 2
- Customized image can be saved in the user pattern area via USB

1 : mbedded audio when 1280x720 30p/29.97p/25p/24p/23.98p are selected

2 : VITC/LTC when 1280x720 60p/ 59.94p/ 50p are selected

「Specifications」

SG-7810	
TV system	HDTV/SDTV
External Reference	HD Tri-Level sync(SMPTE 274M, SMPTE296M and BTA S-001B) BBS(NTSC/PAL)
Output	Sync signal (HD Tri-Level sync or BB) x6(2 distribution x3) HDSDI x4(4 distribution x1) Embedded audio(SMPTE299M)
HDTV format	1920×1080i (60/59.94/50) 1920×1080p (30/29.97/25/24/23.98) 1920×1080sF (30/29.97/25/24/23.98) 1920×1035i (60/59.94) 1280×720p (60/59.94/50/30/29.97/25/24/23.98)
SDTV format	NTSC PAL (Colour subcarrier frequency: 4.43361875MHz)
General specifications	
Power Voltage	DC12V (10 to 18V)
Power consumption	25W(MAX)
Operating humidity range	5 to 40%
Dimensions	210(W)×44(H)×310(D) 1U half size
Weight	Approx. 2.0Kg