APPLICATION NOTE - NON-LINEAR EDITING

Using the yellobrik SPG 1707 Multi-format Sync Pulse Generator with Genlock with non-linear editing systems



The LYNX Technik yellobrik SPG 1707 multi-format sync pulse generator with genlock is the ultimate affordable solution for small stand-alone non-linear edit systems.

Whether working in SD or HD, PAL or NTSC, the SPG 1707 has the functionality to reliably lock your system together. With three outputs of SD or HD sync that can be used simultaneously and its small form factor, it is ideal for systems requiring a space saving and cost effective sync pulse generator without the need for additional distribution amplifiers.

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Every non-linear edit system working in conjunction with a VTR requires a stable reference signal in order to lock everything together to ensure timecode accurate editing. The SPG 1707 provides this much needed stability.

It provides reliability and functionality normally only found in devices costing ten times as much.

Therefore, the SPG 1707 is an ideal solution for small production companies, professional AV applications and educational establishments whether they are using Avid, Final Cut Pro or any other professional NLE.

The SPG1707 is also an ideal solution for existing SD systems that are adding HD equipment. This is due to its ability to cross lock between matched or even unmatched standards ensuring stable continuous genlock of the whole system.

- √ Three SD or HD Sync Outputs
- **✓** Choice of SD Outputs
- **✓** Choice of HD Outputs
- **√** Sync Input
- √ Easy to Access Controls
- **√** Solid Construction
- ✓ Audio Output
- ✓ Small Form Factor





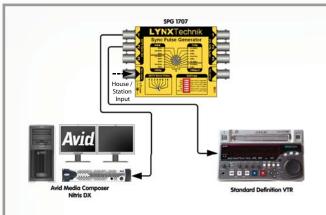


- √ Enough for any Small Edit System
- ✓ Can be Sync, Black, or Color Bars
- **✓** Most Common Tri-Level Syncs
- √ For Genlocking to Other Systems
- √ Simple Layout and Easy to Use
- **√** Robust for Any Environment
- √ Can be Used for DAW's, Mixers
- ✓ Can be Installed Anywhere

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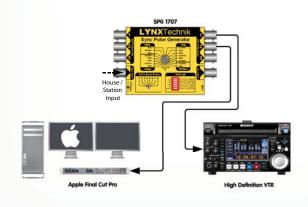
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yellobrik SPG 1707 Multi-format Sync Pulse Generator with Genlock used with Avid Media Composer Nitris DX Non-Linear Editing System and Standard Definition (SD) VTR.

The application shows standalone operation. The SPG1707 can also be genlocked to any sync standard, so if the NLE system needs to be genlocked to house or station sync it's simply a matter of connecting the reference to the yellobrik REF input. The ref input can be ANY sync standard regardless of the selected sync output formats. Fully automatic cross lock capability is provided.



yellobrik SPG 1707 Multi-format Sync Pulse Generator with Genlock used with Apple Final Cut Pro Non-Linear Editing System and High Definition (HD) VTR.

The application shows standalone operation. The SPG1707 can also be genlocked to any sync standard, so if the NLE system needs to be genlocked to house or station sync it's simply a matter of connecting the reference to the yellobrik REF input. The ref input can be ANY sync standard regardless of the selected sync output formats. Fully automatic cross lock capability is provided.

About yellobrik "brick-style" Interface Products --- www.yellobrik.com

yellobrik series is a new range of standalone modular "brick" style interface products for broadcast and professional use. They are compact, simple to understand, and easy to use. All information needed is printed right on the module and all controls and settings are always easily accessible (no manuals needed). Each yellobrik includes the power supply, mounting brackets and comes in a custom plastic case for transport and storage.

yellobrik products include:

CDH 1811 - 3G SDI to HDMI Converter

SPG 1707 - HD / SD Sync Pulse Generator with Genlock

DVD 1806 - 3G 1>6 Reclocking SDI Distribution Amplifier

OTX 1810 - 3G SDI to Fiber Optic Transmitter

ORX 1800 - 3G Fiber Optic to SDI Receiver

OTR 1810 - 3G Fiber Optic / SDI Transceiver







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Just the first of many..

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