



TimeShiftBox *Neo*

Complete Global One-Box Time-Shift Solution

Cost Effective, Reliable Time Shift and Logo Insertion Full TitleBox Neo CG and Interactive Graphics Also Available +10 Seconds to +1 Week or more.

TimeShiftBox Neo is the complete one-box time-shift solution. Providing accurate programme time delays from a minute to a week or more, it fulfils all delay requirements. TimeShiftBox Neo also offers built-in logo insertion, eliminating the need for another device. When more complex CG and graphics are needed - adding TitleBox Neo provides full interactive CG and graphics.



TimeShiftBox Neo is available as a complete turnkey solution for single-channel and dual-channel HD/SD SDI program delay. The menu is easy to learn and operate which makes time delays easy to set up. All other functions are fully automated and require no user intervention. The audio quality of SDI is preserved as it is without any processing. Video signal is compressed by using high bit rate MPEG-2 compression therefore maintaining broadcast quality of the delayed signal. Ancillary data from SDI is kept as it is. Error Detection Handling in SD is recalculated.

TimeShiftBox Neo is well-designed product from PlayBox Technology, where playout and automation are our business, reliability is built-in. Built on our experience the server has RAID disc storage protection with hot-swap hard drives and redundant power supplies.



- Delays for broadcasts starting from 10 seconds to a week and more
- +1, +1.5, +2, +24 etc. delayed local channels
- Single-channel HD/SD
- Dual-channel HD/SD
- Integrated logo insertion and full TitleBox Neo - CG and graphics
- PlayBox broadcast level reliability: RAID storage, Redundant Power Supply, etc.
- Easy delay setup, designed for fully automated operation
- TitleBox Neo for powerful interactive CG and graphics available
- Audio and other Ancillary data as well as the VBI from the SDI signal are preserved
- Video is compressed using high bit rate MPEG2

NEO

For more information please see www.playboxtechnology.com



TimeShiftBox Neo Server models

Single Channel SD TimeShiftBox Neo Server

SD SDI Input / Output • Genlock input • 96 Hours Protected Storage
1RU Rack Mount Chassis with Redundant PSU and Hot Swap Hard Drives

Single Channel HD TimeShiftBox Neo Server

HD/SD SDI Input and Output supporting • Genlock input
48 Hours Protected Storage* • 1RU Rack Mount Chassis with Redundant PSU and Hot Swap Hard Drives
*Additional storage could be added upon request and might require 3RU server

Dual Channel SD TimeShiftBox Neo Server

Broadcast Video/Audio I/O • Video Out: 2x SD/HD SDI • Video In: 2x SD/HD SDI
Audio Out: Embedded Audio • Audio In: Embedded Audio
Sync Input: Blackburst or Tri-Sync • Form Factor 1RU Rackmount
Redundant (1 + 1) PSU • Hot Swap Hard Drives • Single Intel® CPU
Two (2) Gigabit Ethernet ports • System HDDs with RAID 1*
Video Storage: 4TB SATA with RAID1* • OS: Microsoft Windows 7 x64

Dual Channel HD TimeShiftBox Neo Server

Broadcast Video/Audio I/O • Video Out: 2x SD/HD SDI • Video In: 2x SD/HD SDI
Audio Out: Embedded Audio • Audio In: Embedded Audio
Sync Input: Blackburst or Tri-Sync • Form Factor 1RU Rackmount
Redundant (1 + 1) PSU • Hot Swap Hard Drives • Single Intel® CPU
Two (2) Gigabit Ethernet ports • System HDDs with RAID 1*
Video Storage: 4TB SATA with RAID1*

Options

TitleBox Neo - Interactive CG and Graphics
Hardware Option for the HD-SDI Deltacast card with or without By-Pass Relay**

*The delayed signal requires storage of approximately 30 GB per hour for SD and 60 GB per hour for HD

**Please consult your sales representative when purchasing

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