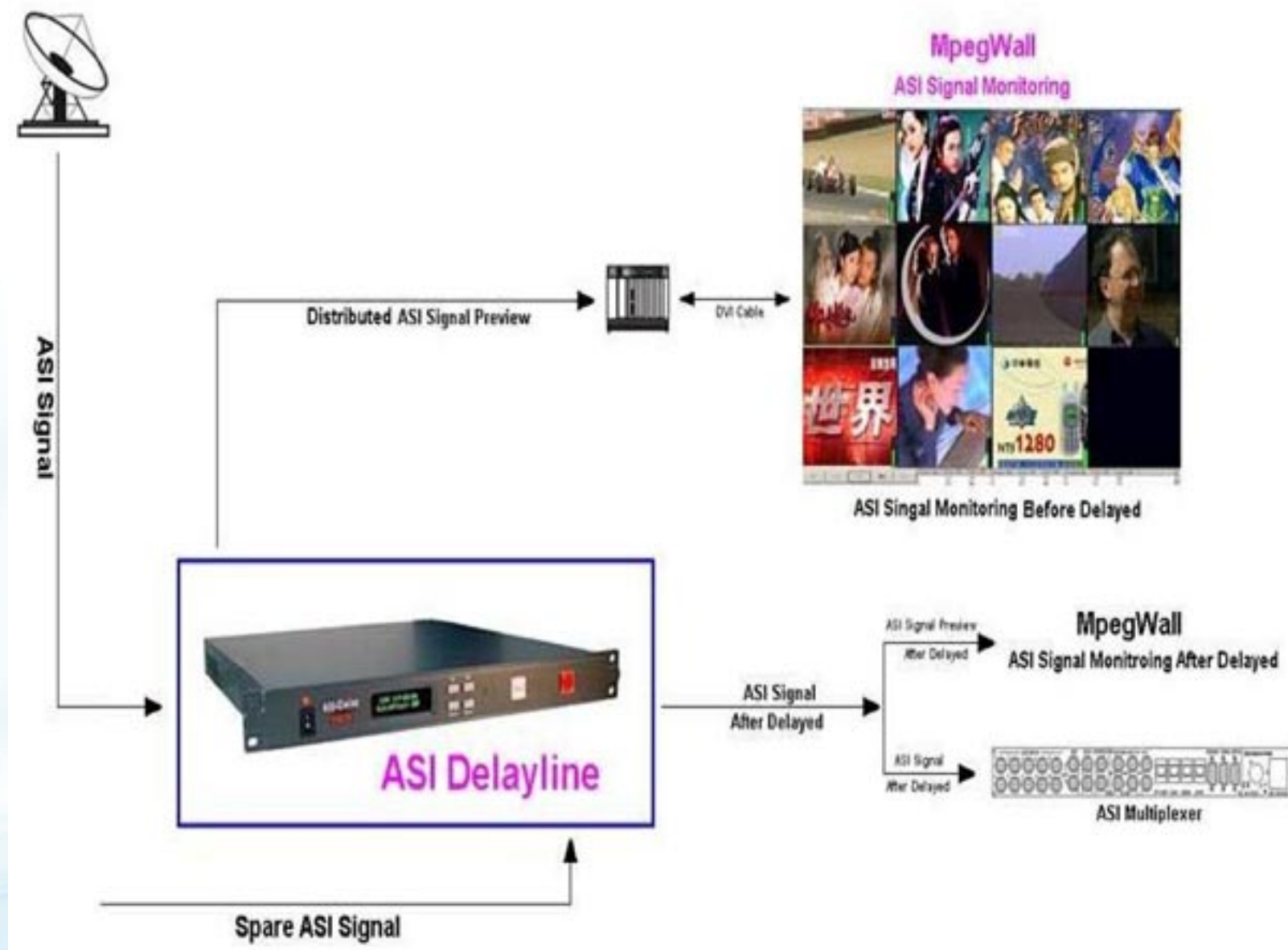


TL30AV-ASI Satellite ASI Signal Delay Line



TL30AV-ASI Brochure

The TL30AV-ASI brings ASI signal support to the BD30 range of solid state delay lines, providing MPTS or SPTS delay functions in a satellite environment or other ASI distribution architectures. Delays of up to 30 or 60 seconds can be applied to all channels' program within one ASI signal, without additional de-multiplexing, re-multiplexing, and decode hardware. The delay hardware features a bypass function to

pass through an unaltered ASI signal, and a standby ASI input which can be triggered externally for safety program content monitoring applications. The TL30AV-ASI can be used in conjunction with the MpegWall ASI signal monitoring software to allow preview of the pre and post delay signals, displaying all the bundled channels simultaneously using software MPEG MPTS decoding. MpegWall acquires an ASI multiplex signal onto a standard PC platform using a selection of supported ASI interface cards.



Features:

- Supports ASI signal with BNC connector input and output, compatible with PAL and NTSC video format.
- Supports MPTS and SPTS stream formats.
- Internal ASI signal 1x2 distributor, allows a preview output of the ASI signal pre and post delay.
- Standard delay time is up to 30 seconds, maximum delay time up to 60 seconds.
- Delay is adjustable to an accuracy of 1 video frame.
- Standby ASI input feed available for alternative program output.
- Unit bypass feature passes through original signal.
- RS-232 interface, using a protocol which can be called from a remote control unit or other centralized control systems. Includes unit bypass and standby signal switching.



Interface Specifications:

» Serial Digital SDI	» 75 Ohm (BNC), Auto EQ to 300M » (With Reclocked & Buffered BNC Output)
» SDI Amplitude	» 800 mv \pm 25 mv
» SDI Jitter (1 kHz)	» < 0.2 UI
» SDI Jitter (10 Hz)	» < 0.2 UI

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