AEV Broadcast Engineering

Delay Pro

DIGITAL PROFANITY DELAY

DSP powered	**Four several censor modality**
Balanced Analog I/O	**Ethernet control**
Digital AES/EBU I/O	**RJ45, USB & RS232 connection**
Input switch management	**GPIO port & Remote keyboard**

Delay-Pro is a stereo audio delayer used for live broadcast programs to prevent the transmission of unwanted material.

It features a programmable digital audio delay process that allows a delay to be introduced with a programmable time from 0,1 to 75 seconds of live delay while "on the air," without altering audio quality

The Delay-Pro has balanced analog and digital AES/EBU audio inputs and outputs on 3-pin XLR connectors and provides sample rates up to 96 kHz at 24 bits. It can function as an A/D and D/A conversion unit, which means analog inputs can be output as AES/EBU or vice versa.

Several headphone monitoring system.

The MP3 files playback from the internal memory can be triggered remotely either manually, as in JINGLE modes and with PANIC mode, and either in automatic mode, enabling the audio monitor function with automatic swapping of the input , so Delay Pro unit can also be used at transmitter sites to play an emergency audio file in the event of silence detection.

The Delay-Pro has a TFT color display on the front panel. With the jog encoder, the user is able to perform setting functions: delay mode, delay time, input setting, digital sample rate output.

The controls can be activated via the Logic GPIO port on the back side, so that the user can interface the Delay-Pro with the audio console's GPO or other devices equipped with a GPO port

In addition, the device also has a built-in web server with which all operations can be controlled via LAN, the adoption of the web server frees the user from the need to install a software program on their computer and does not depend on the operating system used on the computer.

Several modes of operation can be set by adjusting the duration of the censoring interval:

BLANK : audio overlay from live with blank (no audio), programmable length

TONE : audio overlay from live with an internally generated note, programmable length

JINGLE : replace live audio with pre-recorded MP3 audio

PANIC : unlike the other three modes, this command is deactivated only by a command after the activation command, it has no set time; it interrupts the live audio in two ways,

A) switching to another audio input

B) replacing LIVE audio with an internally pre-recorded MP3 file

With the Remote (GPI) control, the user can activate the switching mode set by display without delay using the supplied keypad.

Delay Time: you can set the delay time from 0 to 75 sec, with step do tenths of a second

Switch Function: you can set the main audio source and alternatives, if any.

Both inputs, analog and digital AES/EBU, are in Bypass mode when the device is turned off or, in any case, when there is no power.

The MP3 file to be stored in the internal memory can be sent to the device via an Ethernet network connection.