Sonifex RB-PD2 Profanity Delay

The **Sonifex** Redbox RB-PD2 stereo profanity delay is used for live broadcast programs to prevent transmission of unwanted or obscene material.

The 1RU 19-inch rackmountable box features an automatic audio stretch algorithm that allows between 2 and 55 seconds of delay to be built up live while "on air," and while maintaining the correct pitch.

The delay also can be acquired while playing an audio file on a Compact Flash memory card. When the program is complete, the audio stretch algorithm seamlessly reduces the delay to zero.

It has both balanced analog and AES/EBU digital audio I/O on XLR connectors and provides sample rates up to 48 kHz at 24-bit. It can act as a combined A/D and D/A unit meaning that analog inputs can be output as AES/EBU or vice-versa.

The delay can be started and stopped by pressing the Build Delay and Exit Delay buttons respectively. A front-panel display shows the amount of delay being built up. The Dump button can either remove a section of the most recent audio that has been buffered, by a preselected amount, or dump the audio built up in the delay and play a preselected audio file on the Compact Flash memory card while building the delay again. When the file has finished playing, the delay is then equal to the duration of the file. A cough button is another feature.

The RB-PD2 has an RS-232 port for remote control, eight remote inputs and six remote outputs, all of which are freely assignable. The inputs can be used to trigger any of the unit's functions such as "build delay" and the outputs can provide external signalling and can be delayed with respect to the inputs.

For information, contact Sonifex/Independent Audio at (207) 773-2424 or visit www.sonifex.co.uk/redbox.