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Cull'ultimo numero del Mondo di Roland, abbiamo analizzato un Riverbero digitale recentemente presentato da Roland: SRV-330. La presentazione di questo effetto è avvenuta contemporaneamente al Delay digitale SDE-330 di cui ci occuperemo in questa prova:Anche in questo caso ci troviamo di fronte ad un'apparecchiatura che utilizza le tecnologie digitali più avanzate per il processamento dei suoni e che, in particolare, deriva gli algoritmi di elaborazione da apparecchiature di fascia nettamente superiore dedicate alla postproduzione audio come ad esempio il sistema Roland RSS. Questo sistema di processamento sonoro consente la locazione tridimensionale con un sistema di altoparlanti a due vie (stereofonico) e viene utilizzato appunto da studi di registrazione, post-produzione, ecc. Perché tutti potessero apprezzare le qualità del sistema RSS. Roland ha realizzato quindi i due Space effect SDE e SRV-330 che, come detto, utilizzano una parte degli algoritmi 3-D. Il risultato che ne é derivato è una generazione completamente nuova di effetti digitali, che utilizzano un raggio acustico di 360° in tutte le direzioni. In una singola unità rack, l'SDE-330 è la soluzione ideale per tutti coloro che desiderano un delay professionale dedicato ad un prezzo molto conveniente (tastieristi, chitarristi, ecc.), con la possibilità di sfruttare effetti derivati dalla tecnologia RSS, Ideale anche per studi di registrazione domestici, reti MIDI evolute ed impianti P.A., l'SDE-330 può essere applicato con successo a strumenti, voci ed effetti speciali. I risultati sono particolarmente efficaci quando applicato a specifiche parti d'assieme, come ad esempio sezioni di fiati o voci.

Per l'elaborazione del segnale dry l'unità Delay SDE-330 utilizza un processore DSP di nuova concezione, che lavora alla velocità di 33.387.000 operazioni al secondo ed è in grado di creare qualsiasi tipo di Delay o riflessione. La conversione A/ D/ A è a 16 bit lineari, mentre il processamento interno del segnale avviene a 30 bit: la memoria interna audio di 128 Kwords a 24 bit assicura effetti ricchi e fedeli, senza la solita "grana" che accompagna in decadimento il suono mixato o completamente effettato. Gli algoritmi stereofonici della macchina sono in grado di elaborare indipendentemente i segnali destro

e sinistro, al fine di creare effetti che mantengano la localizzazione stereo originale: ciò avviene attraverso 2 ingressi e 2 uscite, che possono accettare segnali in Standard professionale (+4dBm) o Consumer (-20dBm). Un equalizzatore parametrico a 3 bande può essere applicato come Pre o ai segnali processati, al fine di creare effetti personalizzati e radicali.

Gli effetti dell'SDE-330 sono moltissimi, organizzati in 18 algoritmi e vanno dai semplici Delay, al Feedback ed al Multi Tap Delay: la lunghezza può essere impostata fino ad un massimo di 2,800 msec., rendendo l'SDE-330 adatto anche per i chitarristi. Gli algoritmi Preset comprendono anche Chorus e Pitch Shift, molto utili quando usati in combinazione con il Delay: per quest'ultimo, è possibile impostare il tempo intercorrente fra i ritardi. Oltre agli algoritmi semplici, sono insenti anche innovativi algoritmi basati sulla tecnologia tridimensionale Roland RSS, che - come gli altri - possono essere modificati e memorizzati per un istantaneo richiamo.

Il Multi Tap Delay tridimensionale

In qualunque ambiente dove ci sia un delay naturale ogni riflessione acustica si differenzia per il tempo di ritardo e per il punto dello spazio in cui avviene tale riflessione. Tramite i parametri dell'SDE-330 si potranno posizionare fino ad otto punti di eco creando effetti di delay naturale molto differenti dai tradizionali effetti digitali.(Vedi Fig.1)

Pitch Shift tridimensionale

L'SDE-33D combina gli effetti 3-D con variazioni di intonazione del segnale originale, per creare effetti estremamente caldi ed apenti: la funzione Pitch Shift elabora fino a 4 segnali ritardati, che vengono poi posizionati in diversi punti dell'immagine tridimensionale.(Vedi Fig.2)

II sistema Roland RSS

Questo sistema di localizzazione sonora, esclusivo Roland, consente una riproduzione tridimensionale a 360º attraverso un normale sistema stereolorico composto da 2 casse, per infinite ed innovative applicazioni creative in ambito musicale e televisivo. Effetti come il Multitap Space Delay o il 3-D Chorus possiedono punti

Roland Sde 330 Manual

Scott C. Dulebohn

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El manual del Administrador de Debian Rapha'l Hertzog, Roland Mas, 2016-04-18 Debian GNU Linux una distribuci n de Linux no comercial y muy popular es conocida por su fiabilidad y riqueza Este manual del Administrador de Debian que se ha actualizado completamente para Debian 8 Jessie consolida el xito de sus 6 pasadas ediciones Accesible para todo el mundo este libro muestra los conceptos b sicos a todo el mundo que quiera convertirse en un administrador eficiente e independiente de Debian GNU Linux Cubre todos los puntos que un administrador de Linux competente deber a dominar desde la instalaci n a la actualizaci n del sistema la creaci n de paquetes a la compilaci n del n cleo pero pasando tambin n por la monitorizaci n copias de seguridad y migraciones sin olvidarnos de los puntos avanzados como configurar SELinux o AppArmor para hacer los servicios m s seguros las instalaciones automatizadas y la virtualizaci n con Xen KVM o LXC https debian handbook info Future Music ,2001 EQ. ,1993 Keyboard ,1995 Electronic Musician ,1994 Edirol by Roland Roland Corporation,

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