



## digital newcastle

**N**ewcastle has long had a reputation as one of the UK's top party destinations, a plethora of bars and clubs offering a variety of environments to suit pretty much every taste. The arrival of Digital has added another dimension to the city's scene by bringing sleek looks and a serious sound system to the circuit.

The venue itself is divided into two spaces: to the rear a peripheral seating area and bar supports

the awesome front room, where four much talked-about Funktion One Dancestacks take their positions around the dancefloor. The DJ booth is of an epic design: the Designer's Republic logo is plastered across a grey pulpit, above which the (usually superstar) DJs are backed by a furnace of arena-standard PixelLine LED fixtures.

Two further venues exist as 'The Other Rooms' above the main dancefloor. A 'shabby chic' lounge has been meticulously arranged as a bar for the upstairs live room: a

300 capacity indie stage to satisfy the operator's continuing passion for promoting the super groups in the making.

The foundation of the club is, however, its sound system. The Funktion One Dancestacks that stand like sentinels on the dancefloor were bought by club owner Aaron Mellor on ebay from the owners of a defunct Miami club. One of the most significant Funktion One installations in the UK, Stereo corps turned to Blue Audio, and in the last instance to Funktion One, to get the

most out of it.

"I got a call from Aaron Mellor saying that he'd bought the kit over ebay, and I advised him not to pay using Paypal before checking it out!" says Nadar Shazad of Blue Audio. "We had to modify the MC2 and Crest amps and have their transformers changed for the different voltage supply here. We asked Funktion One for support and Tony Andrews came up personally to tune the kit for the optimum sound levels. We always try to deliver under budget and are really ®



seriamente sui tre prese di uscita, a due subwoofer di 18" e due altoparlanti medi-alti e alti, sorvegliati dai subwoofer. Dietro la pannello di controllo, i Res 2 splits Res forniscono alle zone periferiche un sacco di frequenze. Per il livello del suono, l'equipe ha installato A Res, e 4 altri F218. Digital è uno dei primi stabilimenti al mondo a installare la cabina DJ Pioneer Pro DJ Digital completa: due lettori di DVD DVJ-X1 Pro, due lettori di CD CDJ 1000Mk2 e un processore di effetti sonori numerici EFX 1000, il tutto controllato da un mixer numerico a sei vie DJM 1000. Il DJM 1000 invia anche un segnale di controllo midi dal crossfader, che fa sì che il mixer possa controllare a distanza l'azionatore video Digital, un Ediol V4 - offrendo al DJ il controllo del mix audio e video.

**D E U T S C H**

Das Digital hat der Newcastle Clubszene eine neue, zusätzliche Dimension verliehen, die in einem edlen Look gepaart mit einem ernst zu nehmenen Soundsystem ihren Ausdruck findet. Die Funktion One Dancestacks, die die Tanzfläche wie Wachposten umstehen, sind jeweils mit zwei F218 18-Zoll-Split-Low-Mid- und High-Mid-Boxen und am oberen Ende mit High-Lautsprechern bestückt. Hinter der Tanzfläche schaffen Res-2-Splits verschiedene periphere Zonen mit zahlreichen Frequenzen. Auf der oberen Etage höher wurden Res 4 und vier weitere F218 installiert. Das Digital ist einer der ersten Clubs der Welt, in denen die volle digitale DJ-Kabine der Pioneer Pro DJ, bestehend aus zwei professionellen DVD-Spielern, zwei CDJ 1000Mk2 CD-Spielern, einem EFX 1000 Digital Sound Effects Processor zum Einsatz kommt. Die einzelnen Elemente sind durch einen sechskanaligen digitalen Mixer (DJM 1000) miteinander verbunden. Der DJM 1000 schickt vom Crossfader auch ein Midi-Steuersignal aus, das das Mischpult zur Fernbedienung des Video-Switchers Ediol V4 eingesetzt werden kann, dem DJ die volle Kontrolle über den Audio-Video-Mix gibt.

**I T A L I A N**

L'arrivo di Digital ha conferito una nuova dimensione alla scena notturna di Newcastle, introducendo un look elegante e un sistema audio con tutti i crismi al circuito. I Dancestack di Funktion One che si trovano a fare la guardia alla pista da ballo sono entrati, dotati di due sub F218 da 18 pollici, altoparlanti con frequenze medio basse, medio alte ed alte. Le spalle della pista da ballo, due split Res 2 coprono le zone periferiche. Al piano superiore, troviamo altri Res 4 e quattro F218. Digital è uno dei primi club al mondo ad aver installato la cabina completa della Pioneer Pro DJ Digital DJ, che comprende due lettori DVD DVJ-X1 Pro, due lettori CD CDJ 1000Mk2 e un processore digitale di effetti sonori EFX 1000, tutti collegati a un mixer digitale a sei canali DJM 1000, il quale invia inoltre un segnale di controllo midi dal crossfader, consentendo il controllo a distanza del commutatore video Ediol V4 del club.

**E S P A N O**

La llegada de Digital ha aportado otra dimensión a la escena de Newcastle al incorporar un look elegante y un sistema de sonido de lo más serio al circuito. Los Funktion One Dancestacks que se elevan como centinelas sobre la pista de baile tienen cada uno dos subwoofers F218 de 18 pulgadas, altavoces low-mid y high-mid y están coronados por los F218. Digital es uno de los primeros clubs del mundo en integrar una cabina de DJ Pioneer Pro DJ Digital completa con dos reproductores de DVD DVJ-X1 Pro, dos reproductores de CD CDJ 1000Mk2 y un procesador de efectos de audio EFX 1000, todos ellos vinculados por un mezclador digital DJM 1000 de seis canales. El DJM 1000 también envía una señal de control midi del equipo de atenuación cruzada, lo que hace que el mezclador pueda controlar a distancia el cambio de video Ediol V4 del club, permitiendo al DJ controlar totalmente el mix de audio y video.

© pleased with Digital."

The stacks each have two F218 18 inch subs, low mid and high mid speakers, and are topped off with highs. Behind the dancefloor, Res 2 splits provide the peripheral seating and bar with plenty of frequencies. For the upstairs, the team installed Res 4s and four more of the F218s, clumped together for optimum subfrequencies.

Commenting on the arrangement Shazad said: "You have to hear - and feel - the Funktion One installation to really comprehend it."

Digital is one of the first clubs in the world to install the full Pioneer Pro DJ Digital DJ booth, which comprises two DVJ-X1 Pro DVD players, two CDJ 1000Mk2 CD players and an EFX 1000 digital sound effects processor, all linked together by a DJM 1000 six channel digital mixer. A duplicate system is also configured in the second room.

All the kit is linked together digitally to ensure no degradation in sound quality, getting the best out of the club's Funktion One speaker system in the process. The DVJ-X1s

are used both as a tool by the club's VJs to manipulate visual content from a DVD, as well as by special guests like DJ Yoda and James Zabiela to perform full AV sets - making the most of the club's video screen investment.

The EFX 1000's have been used at the club to devastating effect by DJs including Masters at Work, the Audio Bullies and James Zabiela as a tool for the DJs to manipulate the sound of a track with a combination of filters, phasers, echoes, delays and much more. The EFX 1000 uses 24 bit technology which, combined with the product's unique 'EFX link' to the DJM 1000 (single digital link between effector and mixer as opposed to analogue send and return), means the effects sound clean and ensure no clipping or distortion to the club's system. The DJM 1000 also sends a midi control signal from the crossfader operation, which means the mixer can remotely control the club's Ediol V4 video switcher - offering the DJ total control over both the audio and video mix. @

