



Full Retail Price:	£299 (+ VAT)
Quad Pack Price:	£1099 (+ VAT)
Bulb:	1 x 150 CDMT 942
Weight:	12 Kg
Gobos:	7 Rotating + Open
Colours:	9 Dichroic + Open White
Pan:	170°
Tilt:	85°
Strobing:	0 - 10 Hz
Connections:	2 x 3-pin XLR (DMX In / Out) IEC (Mains Power)
Control:	Stand Alone Audio / DMX (8 Channels)

It was back in 2003 that Pro Mobile first heard that EVL were planning to extend their product range with new scanner and barrel units. And with the popularity amongst DJs of the EVL 'spin' moonflower we were keen to try them out. Eric, our design guru, was able to visit the official launch of the new products held at DFB Sound &

Light Warehouse in Nottingham and was very impressed by the show put on by the EVL team. The following week I was able to get my hands on one of the units for a thorough inspection, read on for my full report.

Altogether four new products have been introduced to the EVL range, two barrel effects and two scanners. All of the units are very similar in functionality with the only differences being the type of mirror and lamp. I was able to get hold of a Pro 150 scanner, which at £299 + VAT (including lamp!) should come within many readers budget. The brighter Pro 250 has a retail price of £449 + VAT and may be worth considering if you have a big budget and need to fill large venues. EVL also offer a special 'quad pack' price for any combination of scanner or barrel units of the same lamp type.

Available in either black or silver, the appearance of this light is very sleek, although not particularly original, bearing a striking resemblance to other scanners on the market. This particular unit is set apart from the competition by its combination of affordable price and comprehensive feature set. For a price tag that only a matter of years ago could have been attached to a simple 3 / 4 channel scanner, the Pro Scan offers comprehensive control via a massive 8 DMX channels. The pay-off for such a feature packed unit is the weight, at 12kg this Scan is certainly not a lightweight.

Whether controlled by DMX, in Master / Slave mode or running sound to light, the Pro Scan produces a striking effect. With good optics, creating a bright light output, the effect is good in ambient light but stunning in the dark. Manual focussing is provided to ensure that the projected images are suitably sharp, allowing crystal clear projections and great mid-air effects.

9 Dichroic colours and an open position can be selected by the first DMX channel. A good rainbow effect is also included that can be set at various speeds from a subtle slow change to a mesmerising race through the colours. As a default, the wheel 'jumps' from one colour to the next as the DMX value is increased; this helps for easy and accurate selection.

Rotating Gobos certainly bring a complete new dimension to the scanning effect and it is great to see affordable units with this feature. 7 assorted gobos are included with the Pro Scan and each can rotate in either direction. The gobos themselves are sharp and clear, with some suitable for projecting onto surfaces and others such as the triangle and line of dots ideal for mid-air effects. With a separate DMX channel controlling rotation, a range of speeds are available from very slow to extremely fast, producing a range of effects suitable for all aspects of a mobile DJs work. Gobo shake is another feature usually restricted to more expensive units, available for each of the gobos, even more effects can be created.

A separate shutter controlled by the forth DMX channel provides dimming and strobing at various speeds. Because the shutter is separate to the colour and gobo wheels, strobing is not limited to open white, as is the case for some budget scanners. A further 'pulse' effect is also included, for this the shutter closes slowly and then opens quickly.

The scanning mirror can pan by 170° and tilt by 85°, giving a wide spread. The mirror movement is extremely smooth and at full speed can be very fast. The Pro Scan successfully demonstrates the speed advantage of mirror scanning over the current craze in moving head units.

The seventh and eighth DMX channels provide control of a number of advanced and

often very useful features. The speed of the scanning motors can be controlled, allowing slow smooth movements to be created using a simple lighting controller. A split colour mode is also available as is activation of 8 onboard programs and a sound to light mode.

One of the main problems with this unit from the mobile DJs point of view is the lack of protection provided to the mirror by the surrounding case. This is obviously due to the designer look of the fixture, ideal for bar and club installations, but less practical for the mobile jock. The unit is, however, well constructed and is obviously intended for the touring as well as the installation markets. I am sure that with suitable care of the mirror, the Pro Scan could work well for the professional mobile DJ. A range of flight cases is available from EVL especially designed to accommodate the scanners, which can help to protect the lights during transit and storage.

All points considered, EVL have come up with a very impressive scanner. The unit is bright, fast, featured packed and most importantly wallet friendly! These scanners were along time coming, but were well worth the wait.

PROS

- + Smooth and fast mirror movement
- + Gobo rotation and shake effects
- + Separate Shutter with 'pulse' effect
- + Advanced control options

CONS

- + Little protection for the scanning mirror