

# HIGH SPEED LASER VIDEODISC CUTTING SERVICE



# MICROVITEC ANNOUNCE THE U.K.'S FASTEST LASER VIDEODISC CUTTING SERVICE

Microvitec, Europe's leading manufacturer of colour computer monitors, has recently installed a laser videodisc cutter. It is the only such facility in the U.K. Manufactured

Microvitec's cutter, however, can produce discs in only twenty-four hours. And for as little as £395.

## Here's how it works

The RLV is a single sided recordable disc (conventional discs can be single or double sided) made from two substrates bonded together.

One of the substrates, made of either acrylic or glass, is coated with a thin film of aluminium over which a layer of the recording medium is applied.

The other substrate, which is acrylic, protects the recorded surface and acts as an optical window through which the record and playback laser beams pass.

Glass and acrylic discs provide different image qualities for different uses. Glass approaches pressed disc standard and is suitable for public

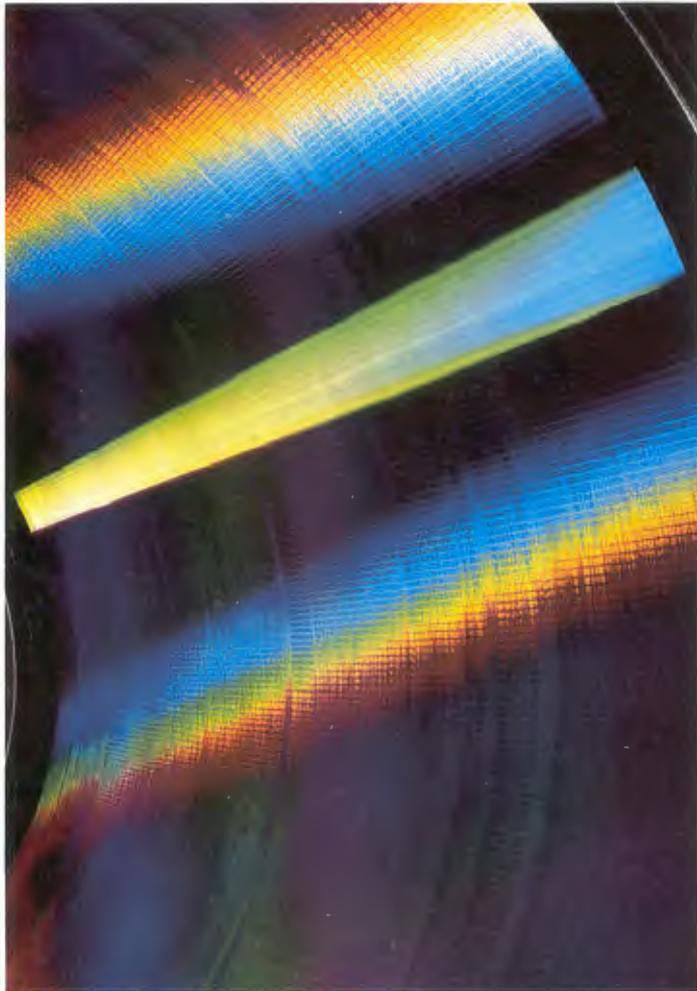
presentation. Acrylic costs less but has a slightly higher drop out rate. It is ideal for check disc purposes.

An important feature of the RLV is the air gap formed between the two substrates as part of the manufacturing process.

Because of it, an RLV must be handled with care (by the edges, just like a gramophone record, in fact) and can also be affected temporarily by dramatic changes in humidity.

## The Microvitec laser lab facility

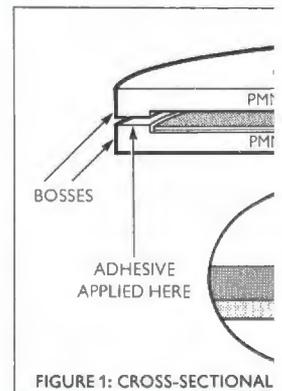
The Microvitec cutter offers a confidential disc cutting facility for interactive video programme makers, educational authorities, government bodies and production and television



by the Optical Disc Corporation of America, the new cutter makes inexpensive, fast turnaround videodiscs (known as Recordable Laser Videodiscs, or RLV's) generally available for the first time.

## How does an RLV differ from conventional discs?

Conventional laser videodiscs produced by existing European manufacturers are extremely expensive, with an average cost of more than £2,500 to master. What's more, they can take weeks to produce and deliver.



companies. Secrecy, important for archive and public record work, is guaranteed. It's even possible to stand and watch your disc being cut.

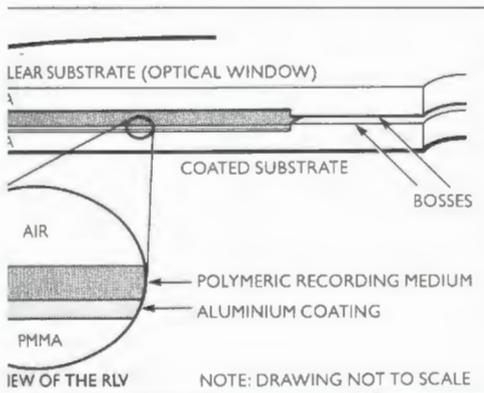
All you have to provide is a tape of the material you wish to transfer to disc.

At the moment, the facility can handle five different tape formats: 1" "C" Format, VHS, low band U-matic, high band U-matic and high band U-matic SP.

Other formats, such as Betacam, can be handled if necessary.

From your tape the cutter will create a single sided, 12" CAV disc, in either glass or acrylic, which conforms fully to the LaserVision standard.

### High speed, low cost



For the normal turnaround time of seven days, discs cost £595 in glass and a mere £395 in acrylic. You will be charged a slight

premium for the 24-hour service, but costs are still remarkably low: only £720 for glass and £480 for acrylic.

### Videodisc technology for all

Almost everyone currently using conventional videodiscs could profitably switch to RLV's.

The opportunities are endless: training and education using interactive video technology, broadcast editing work, shopping guides, video catalogues, archive storage and



retrieval work and so on.

Using RLV's, check discs can at last



be produced cost-effectively. Pilot discs are no longer astronomically expensive. And, opening up videodisc technology to a much wider public, discs for specialist applications or with limited unit runs are now feasible.

For all these possible uses, and many more, Microvitec has the equipment, and expertise, to deliver your disc on time and at absolute minimum cost.

### Call the Microvitec laser lab actionline

Microvitec in Bradford is situated within a short distance of both Leeds/Bradford and Manchester airports (via the M62).

A fast, reliable delivery service using Databost or Red Star Plus is also available.

For an instant response to your disc cutting requirements the Microvitec Laser Lab Actionline is open during normal working hours. Just ring 0274 390011 and ask for Microvitec Laser Lab.



**LASER LAB ACTIONLINE**  
 **0 2 7 4 3 9 0 0 1 1**

**THE MICROVITEC**  
**LASER LAB**

The Microvitec Laser Lab, Futures Way, Bolling Road, Bradford BD4 7TU. Tel: 0274 390011. Fax: 0274 734944. Telex: 517717.

**MICROVITEC**

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