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LIGHT REVOLVER Laser discs are now within the budget of the micro owner

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MAKING MOVES The Sharp PC-5000 is an innovatory portable micro

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FINAL REPORT Concluding our series on business software for home micros

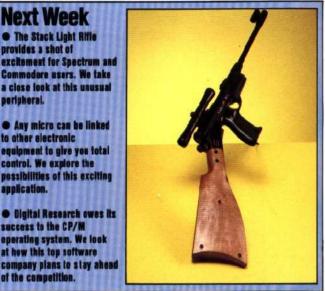
# Commodore users. We take a close look at this unusual peripheral. Any micro can be linked to other electronic equipment to give you total control. We explore the possibilities of this exciting application.

**Next Week** 

The Stack Light Rifle

provides a shot of

 Digital Research owes its success to the CP/M operating system. We look at how this top software company plans to stay ahead of the competition.



#### COMPUTER SCIENCE

YOUR NUMBER'S UP We design a binary to digital display converter

#### IARGON

FROM BREAK TO BUS A weekly glossary of computing terms

### PROGRAMMING PROJECTS

GO SUB GO! We begin a new series on graphics for all the popular micros

#### MACHINE CODE

**COUNTER INSTRUCTIONS Learning** how to implement labels and loops is fundamental to efficient programming



#### PROFILE

BREAKING AWAY Zilog is the company responsible for the Z80 CPU



# WORKSHOP

WORKOUT Our suggested answers to the problems set on page 194



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# QUIZ

In this section we will be featuring a regular guiz based on the articles in the current issue.

- 1) Using 6502 Assembly language, add two numbers stored at memory locations ADR1 and ADR2 and store the result in location ADR3.
- 2) Perform exactly the same calculation, but this time in Z80 Assembly language.
- 3) How would you change the screen colour on a Commodore 64 to white with a black border?
- 4) How many different sprites are available on the Commodore 64
- 5) What are the three main buses connected to a typical microprocessor?
- 6) What do the letters CP/M stand for?

Answers in next week's issue.



COVER PHOTOGRAPHY BY IAN MCKINNELL

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