#### Datasheet



# Pluto 5 Development Kit

## The Pluto System

The Pluto control system is available for those who need a 'state of the art' system to produce modern amusement equipment. Being standard 'off the shelf' components, it enables the machine producers to minimise their risk and maximise the market potential of their amusement machine.

With over 180,000 Pluto systems sold internationally, the reliability and performance of the **Pluto** family is well proven.

## See for yourself Pluto's features

In order for you to see just how well Pluto 5 or Pluto 5 Casino meets your requirements we have produced the Pluto Development Kit. This will allow you to see just how flexible and effective Pluto 5 is for your product. The kit allows you to evaluate Pluto 5 on various machines. It includes hardware for both reels and video.

Two versions of the **Pluto** control boards are available. **Pluto 5** and Pluto 5 Casino. Pluto 5 Casino has extra communications ports, power down switch monitoring and extra battery backed RAM.

Pluto 5 Casino is included in the kit as it retains the functionality of Pluto 5 and the extra serial ports can be used for debug information during development.

The kit comes complete with sample software giving you something running as soon as you receive it. A 'light' version of the Pluto 5 "FastTrack" software (see datasheet) is included, providing you with all the low level software you need to access the functions of the boards, without knowing the details of the hardware. A driver for the reels is also provided.







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All documentation is included on a CD-ROM in Adobe Acrobat (PDF) format. Documentation includes Pluto 5 User Manuals describing each element of the Pluto system and manufacturers component manuals such as Motorola MC68340 CPU.

There is a built in software monitor, which is supported by the P&E debug kit. This comprises a manual, PC based software, and a serial cable.

We supply all the PC connection cables and even a power supply, so all you need is a PC. With the Pluto 5 Development Kit you are rapidly in control of a development and debug environment.

## KIT CONTENTS

P	luto	5	Casino	Controller
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Calypso 16 Video Graphics Card

3rd Party debug kit

Pluto 5 Development Kit CD-ROM including:-

- Development software
- Pluto user manuals on CD
- Component manuals on CD
- 'C' compiler
- All New Sample software

Cables and connectors for PC

RAM expansion board

**Power Supply** 

Ultrex Connector Prototype Kit including:-

- Ultrex shells & pins for 1 board
- 1 crimp tool (suitable for prototypes)





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