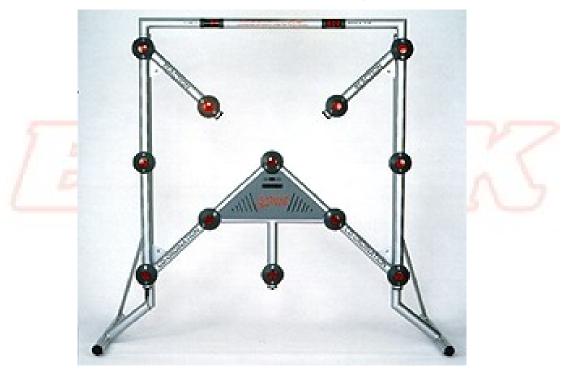
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"Our goal is to provide hardware and software solutions to dedicated Human Performance and Leisure Professionals who want to revolutionise their Training and Public Entertainment Programmes."

BATAK PRO



How does BATAK Pro differ from other fitness equipment?

First...according to the 'Georgia Tech Sports Medicine and Performance Newsletter' ...

"... Study after study has shown that reaction time - that period between the introduction of a stimulus and the first observable response - can be improved...There will always be individual differences, but each person can learn to reduce reaction time...There is ample evidence that strength training, aerobic and anaerobic development and sports skills should be practiced in a manner that simulate game or event conditions. Movements that are practiced in game-like situations are likely to be used in competition..."

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Hence BATAK Pro....a piece of equipment specifically designed to improve reaction, hand eye co-ordination and stamina by enabling sportsmen and women to train under simulated 'sports like' conditions, whilst also providing an element of fun and competition that is so often lacking in training.

BATAK Pro Configuration

Twelve visually bright LED cluster targets are numbered and arranged in a 'maximum stretch' type configuration and put under the control of a dedicated microcomputer. The targets may be lit up in either random or repetitive ways.

Hits and misses are timed and scored on a central Liquid Crystal Display (LCD) and verbal instructions are issued to the participating Player during the exercise as appropriate..(e.g. "Get Ready"..."Go"..."Level one"..."Time Out"...etc.)

An invisible Infra Red 'Strike Back Beam' is located at midriff level and is used to make a 'strike' at a Player during the Workout routine...(i.e. the player may be given one second to avoid the beam or 5 points will be deducted etc.)

BATAK Pro can also be used with two optional 'sprint mats'...Black and White...so the Trainer can set up player movement in the third dimension. Ideal for 'shuttle runs' under controlled conditions for example.

These two sprint mats may be positioned anywhere within, for example, a 10 metre radius of BATAK Pro for use in a large Gymnasium complex or Training Hall.

BATAK Pro programs cater for ALL levels of skill and is suitable for people of all ages, providing each user with their own 'personal best'. Achievable goals can be set in Club type situations.

Other Uses

Mathematical and Mind Games can be catered for.

Players who are partly Paraplegic or disadvantaged in other ways may be catered for.

Even Players who are blind or short sighted can use BATAK Pro... How? The machine can call out the numbers for each illuminated target...spatial awareness is often heightened in people with a loss of sight.

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The possibilities are endless!

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What BATAK Pro Routines are included?

- 1 ACCUMULATOR Senior
- 2 BATAKATHON Senior
- **3** 50 TARGET RACE Senior
- 4 CORNER STRETCH 100 targets Senior
- **5** EVASION 1 second targets Senior
- 6 BATAK BLEEP TEST Senior
- **7** 50 TIMED TARGETS 1 second targets Senior
- **8** 4 PLAYER RELAY Senior (30 seconds each)
- 9 REACTION MATH ADDITION Senior
- 10 COACHING PROGRAM Senior / Junior
- **11** SPEED MULTIPLICATION TABLES (2 9)
- 12 4 CORNER STRETCH 25 targets Senior
- **13** 4 CORNER STRETCH 50 targets Senior
- **14** 25 TIMED TARGETS 1 second targets Junior
- 15 50 TIMED TARGETS 1 second targets Junior
- 16 ACCUMULATOR Junior (30 Secs)

- **17** ACCUMULATOR Junior (60 Secs)
- 18 25 TARGET RACE Junior
- 19 50 TARGET RACE Junior
- 20 BATAKATHON Junior
- 21 SPRINT MATS Junior
- 22 SPRINT MATS Senior
- 23 BATAK SIMPLE SIMON Senior
- 24 BATAK MIRROR RACE 50 Targets Senior
- **25** TARGET LOCKOUT
- **26** ACCUMULATOR Senior (30 secs)
- 27 ACCUMULATOR Infant
- **28** FLASH PROGRAM
- 29 ANTI-FLASH PROGRAM
- 30 SNAP REACTION 10 FRAMES
- 31 TOTAL RECALL 10 FRAMES

What are the benefits of using BATAK Pro?

- Enhances hand and eye co-ordination
- Boosts stamina and fitness levels
- Minimum space requirements for maximum exercise potential
- Single or multiple user participation
- Variable speed accommodates users of all ages and sexes
- · Provides excellent facility for non-boring exercise as well as competitive sport
- · Simple rules easy to use
- Bright LCD Display showing Program Description, Time and Score

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- · Can be wall mounted or free standing
- Easily transportable to any venue

Previous BATAK clients...

Millennium Dome	Manchester United
Benetton	BBC Television
ITV (Carlton)	Bath University
Bisham Abbey National Sports Centre	Metropolitan Police Training College
Loughborough University	Science of Sport Exhibition in London
The Lawn Tennis Association (Wimbledon)	The Royal Navy
Mercedes Benz	Independent Television Carlton
British Association of Gymnastics	Reebok
Euro 96 Football Sponsors	Golden Wonder
Clarks Shoes	Ind Coope
and many more!	

What do your clients think of BATAK?

"Two BATAK wall's form an integral part of the 'Sportsview' section of the Museum's new Science of Sport exhibition. The walls form part of an exhibit that demonstrates the importance of reaction speed and hand-eye coordination. Since opening in March 1997 the Science of Sport has proved extremely popular with Museum visitors and our two BATAK walls have proved to be valuable educational tools."

Dan Wolfe, Marketing Manager Science of Sport Exhibition Science Museum

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"BATAK is excellent for developing faster reactions and improving body coordination for players of all ages and abilities. Our young players have shown up to a measured 25% improvement in reaction time."

T. Smith, LTA National fitness coach Bisham Abbey

"BATAK has proved both enormously useful and popular in our recruitment training. Please do not hesitate to quote my satisfaction with BATAK."

Inspector P. Hodkinson Hendon Police College

"BATAK - a new age of sports technology set to revolutionise fitness training into the next century..."

Director of the Sports Academy

Is it possible to run BATAK Pro using battery power?

Yes. BATAK Pro can be run from a standard 12v vehicle battery for well over 24 hours with the available special adaptor.

Does BATAK Pro come with a manual?

Yes. There is a manual for the standard machine which explains everything you need to know.

Can the BATAK Pro firmware be upgraded?

Yes. Basically we provide a new drop in replacement chip which can be installed in less than 5 minutes.

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What are the technical specifications?

The BATAK Pro frame is manufactured from strong tubular steel sections and finished in a plastic spray paint.

BATAK Pro weighs approximately 45kg including its free standing feet.

The approximate overall space requirements (in millimetres) are:

- a) Wall Mount 1700(w) x 130(d) x 1950(h)
- b) Free Standing 2080(w) x 950(d) x 1950(h)

(Allow a playing space of 1 metre in front of the machine)

World Wide power supply 90-240 Volts A.C. or Direct 12V Vehicle Battery Input with a special Adaptor.

The play interface operates at 12 volt DC for total player safety.

12 Polycarbonate high impact resistant and high intensity LED cluster targets.

High contrast central 2 line x 20 Character Backlit Liquid Crystal (LCD) Display.

A totally dedicated microcomputer and digital sampled speech and sound effects guide the player through each session.

- 24 BATAK Pro routines are supplied as standard.
- 2 external Sprint Mats (supplied) cater for 3-Dimensional workouts.
- 2 LED Displays (3 digit) are ideal for team workouts and spectator viewing.

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An invisible Infra Red Strike Back Beam (SBB) for Martial Arts and Avoidance Training workouts.

What is the price?

Please contact us on **01293 431065** for a quotation based upon your requirements.

Can I hire a BATAK Pro machine?

Please contact us on **01293 431065** for details of our current hiring charges. Hiring is provided on a 'collect and return' basis.

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BATAK LITE



Our latest product, BATAK Lite is ideal for Training and Leisure professionals since it can be easily transported to any suitable venue in a standard Estate car or medium sized MPV.

BATAK Lite improves reaction, hand-eye coordination and stamina by enabling users to train under simulated 'sports like' conditions, whilst also providing an element of fun and competition that is so often lacking in training.

The **BATAK Lite** framework is manufactured from strong and highly polished stainless steel and can be **wall-mounted** or made **free-standing** using its optional support legs.

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BATAK Lite is ideal for...

- Gyms (including Home Gyms)
- Schools and Sports Colleges
- Universities
- Police and Army Training
- Fitness Coaches
- Personal Trainers
- Correctional Facility Fitness Training
- Physiotherapists
- Leisure professionals



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BATAK Lite Configuration

Eight 'visually bright' LED numbered targets are put under the control of a dedicated microcomputer.

Depending on the selected program the targets may be lit up in **random** or **repetitive** ways.

Hits and misses are timed and scored on two centrally located LED displays.

Verbal instructions are issued to the participating Player during the exercise as appropriate (e.g. "Get Ready"..."Go"... "Time Out"...etc.)

What BATAK Lite Routines are included?

- 1) **ACCUMULATOR** 30 secs
- 2) **ACCUMULATOR** 60 secs

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3) **BATAKATHON** - 3 mins

The Accumulator and Batakathon programs, consist of randomly lit targets. The targets remain on until struck out. The user sets the pace $-\operatorname{slow} - \operatorname{or} - \operatorname{fast} - \operatorname{or} - \operatorname{speedup}$.

The total score is shown on the 'A' display, the time on 'B'. This routine is ideal for warm-up sessions.

4) 50 TARGET RACE

The user must strike out 50 targets at random as quickly as possible. The number of strikes is seen on score 'A' and the time measured to one tenth of a second, on score 'B'. If the time taken is longer than 100 seconds then BATAK will end the routine by saying 'Time – Out' and also zero any score.

5) 4 CORNER STRETCH - 100 targets

Score B counts down 100 targets. The user must strike out the illuminated random corner target within one second to score a point.

6) **50 TIMED TARGETS** - 1 second targets

In this program you have 50 timed targets which illuminate at random. The right hand score 'B' counts down from 50 the number of shots, to zero, whilst points scored are shown on 'A'. The targets remain on for one second. If you strike the wrong target or strike one 'out of time' then the game speeds up!

What are the benefits of using BATAK Lite?

- Improves reaction time
- Enhances hand-eye coordination
- Boosts stamina and fitness levels
- Minimum space requirements for maximum exercise potential
- Variable speed accommodates users of all ages and sexes
- No special kit required

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- Simple rules easy to use
- Bright LED Displays showing Time and Score
- Can be wall-mounted or free standing
- Easily transportable to any venue

Is it possible to run BATAK Lite using battery power?

BATAK Lite can be run from a standard 12v vehicle battery with the available special adaptor.

Does BATAK Lite come with a manual?

There is a manual for the standard machine which explains everything you need to know.

What are the technical specifications?

The BATAK Lite framework is manufactured from strong, highly polished stainless steel.

The equipment weighs around 45kg including its free standing feet (27kg frame only).

The approximate overall space requirements (in millimetres) are:

- a) Wall Mount 1143(w) x 130(d) x 1410(h)
- b) Free Standing 1143(w) x 950(d) x 1800(h)

It's best to allow a playing space of 1 metre in front of the machine.

World Wide power supply 90-240 Volts A.C. or Direct 12V Vehicle Battery Input with a special Adaptor.

The play interface operates at 12 volt DC for total player safety.

8 x high intensity LED targets.

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2 x LED (3 Digit) Score and Time Displays (ideal for spectator viewing).

6 x BATAK Lite routines are supplied as standard.

A totally dedicated microcomputer and digital sampled speech and sound effects guide the player through each session.

What is the price?

Please contact us on **01293 431065** for a quotation based upon your requirements.

Can I hire a BATAK Lite machine?

Please contact us on **01293 431065** for details of our current hiring charges. Hiring is provided on a 'collect and return' basis.

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BATAK MICRO

BATAK Micro is the smallest and most portable **BATAK** machine in the world.

BATAK Micro is designed specifically to improve **reaction**, **dexterity** and **mobility** levels.



BATAK Micro Configuration

Twelve visually bright LED cluster targets are numbered and arranged in an optimised hand-motion configuration and put under the control of a dedicated microcomputer. The targets may be lit up in either random or repetitive ways.

Hits and misses are timed and scored on a Liquid Crystal Display (LCD) and verbal instructions are issued to the participating Player during the exercise as appropriate..(e.g. "Get Ready"..."Go"..."Level one"..."Time Out"...etc.)

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BATAK Micro programs cater for **ALL levels of skill** and is suitable for people of all ages, providing each user with their own 'personal best'.

Ideal for Physiotherapists

BATAK Micro has been designed to improve a person's mobility, making it the perfect tool for **physiotherapists**. Users who have suffered from conditions such as **strokes** or **arthritis** can be tested and observations made concerning their **dexterity** and **agility**.

Ideal for Personal Trainers and Sports Coaches

BATAK Micro is a totally mobile fitness solution for all personal trainers and coaches, easily fitting into the smallest of vehicles. A compact **Fitness Training Solution** that goes where you do.

Ideal for Research Studies

BATAK Micro can be used as the basis for both public and private research, eg. for 'drink driving' reaction studies and visual accuity assessment for 'road safety' programmes.

Other Uses

Mathematical and Mind Games can be catered for.

Users who are partly Paraplegic or disadvantaged in other ways may be catered for. Even Players who are blind or short sighted can use **BATAK Micro**... How? The machine can call out the numbers for each illuminated target...spatial awareness is often heightened in people with a loss of sight.

The possibilities are endless!

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The Benefits...

- Dramatically improves reaction time
- Enhances dexterity and agility
- Boosts stamina and fitness levels
- Minimum space requirements
- Single or multiple user participation
- Variable speed accommodates users of all ages and sexes
- No special kit required
- Provides excellent facility for non-boring pe
- Simple rules easy to use
- Bright LCD Display showing Program Description,
 Time and Score
- Can be wall mounted or free standing
- Easily transportable to any venue
- Provides a Clinical Benefit for testing Stroke patients and Rheumatic and/or Arthritic sufferers

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Technical Specifications

The **BATAK Micro** frame is manufactured from anodized Aluminium.

BATAK Micro weighs less than **8 kilograms** and may be Wall mounted if required.

The approximate overall size (in millimetres) is: **600(W)** x **600(L)** x **70(D)**.

(Allow a playing space of **1 metre** in front of the machine)

World Wide power supply 90-240 Volts A.C. The actual play interface operates at 12 volt DC for total player safety incorporating an Internal 12V SLA battery for stand alone use of up to 3 hours or more. The battery being charged via a universal mains input charger. For battery charging the user must first plug in the charger and make sure that the ON / OFF switch is OFF. The charger LED will go from red to green for a full charge (~10 hours)

12 Polycarbonate high impact resistant and high intensity LED Targets.

Lower LCD Display plus two 3 digit high intensity LED Score and Time Displays.

A totally dedicated Microcomputer and digital sampled real speech and sound effects guide the player through each session.

16 **BATAK Micro** routines are supplied as standard.

An input (0 -7) switch allows for custom user routines to be played by default.

A Computer Terminal input/output facility is provided (subject to change).

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FAQs

Is it possible to run BATAK Micro using just battery power, with no mains lead?

BATAK Micro can be run 'stand alone' from its internal 12V DC battery for several hours.

Does BATAK Micro come with a Manual and Carry Case?

Yes, there is a manual and Carry Case for the standard machine.

How can BATAK Micro be Wall mounted?

There are two keyhole slots on the rear of the machine for easy mounting.

Can the BATAK Micro firmware be upgraded at a later stage?

Basically we provide a new drop in replacement chip which can be installed in less than 5 minutes.

What is the price?

Please contact us for a quotation based on your requirements.

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BATAK DUEL

(The Ultimate '2 Player' Challenge!)

PREPARE YOURSELF...



Based on our tubular steel BATAK Pro machine this new equipment is ideal for Sports type venues and Interactive Exhibitions, where a modern dynamic look is required and where the players and audience can clearly see the scoring as play proceeds.

Senior, Junior or Infant players of any fitness level or ability may use the machine as special programs cater for this facility.

Both single and duel machines of this new design may be Plastic Coated in any colour and Software customised to produce any desired effect (as can all our equipment).

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BATAK Duel consists of two single machines back to back, separated by a transparent shatter proof Polycarbonate screen to prevent player contact.

The routines are selected via three large illuminated buttons on the front console.

Audio sound effects are used to register hits and misses.

This equipment is totally dedicated to player safety, the electrical play interface operating on only 12V DC.

BATAK Duel has been specifically designed to operate Worldwide on all International mains voltages.

The concept of two competing players was originally seen at our Millennium Dome exhibit at Greenwich in the year 2000.

The players compete to achieve the highest score in 60 seconds, both sides being synchronised so that players are presented with the same target sequence.

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Each player can view both their own score and their opponent's score. Either player can start a new game.

In situations where large numbers of people are queuing to play, the timing of the games can, for example, be shortened to 30 seconds.

To clarify, there are three ways of playing BATAK Duel:

- Single Player on one side only
- Players on both sides, playing separate games
- Players on both sides, playing against each other

Please contact us on 01293 431065 for pricing details.

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BATAK SPRINT

WHERE TIMING IS EVERYTHING...



Remote control up to 100 metres

BATAK Sprint allows an athlete to be timed over a suitable running distance by breaking infra-red 'start' and 'stop' beams.

A large bright Stop Clock, viewable up to 150 metres, times the sprint to one hundredth of a second...up to 100 seconds. The equipment may be operated manually or by an RF remote control Key Fob featuring 'Start'...'Stop'...'Reset' and 'Beam Active' functions.

The whole system is easy to transport using miniature Sensors, Tripods and Retro-Reflectors and will run either off the standard 240V mains supply or a 12V Battery (not supplied).

Please contact us on **01293 431065** for pricing details.

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BATAK JOCKEYS

BATAK Jockeys is a brand new and exciting **interactive** racing game for **up to 6 people**.

It's ideal for...

- Business Opportunity Seekers
- Corporate Entertainment
- Exhibitions
- Racing Nights (Pub Entertainment at its best!)
- Fun Davs
- Christmas Office Parties
- Theme Parks
- Promotional and Leisure Venues
- Fund Raising and Charity Events
- Cruise Ship Entertainment
- Luxury Home Amusement



BATAK Jockeys is not only a great income opportunity for those looking to run a new type of business or leisure event, it's also a superb way of raising in excess of £750 per night for fund raising events.

The object of the game is for the **6** main players (called **BATAK Jockeys**) to hit randomly illuminated targets that appear on their controllers. The faster they hit the targets the quicker their virtual horses will gallop along the racetrack.

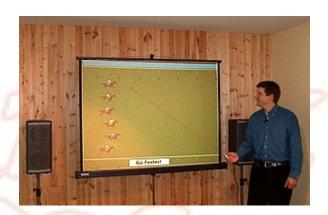
An **additional 6 people** can participate in the game by standing behind their respective jockey and 'whipping' them with a harmless balloon.

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As you can imagine, this makes for hilarious entertainment as the whippers encourage their jockeys to play faster!





Each BATAK Jockey has their own racing colour and controller.

The names and numbers of the horses are...



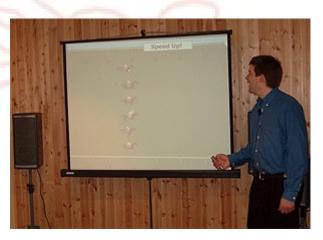
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The **virtual horses** and **racetrack** are generated using our **Gaming Software** and are displayed on a **colour projector**.







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BATAK Jockeys is an 'electronically controlled' game that can be set up in less than 30 minutes.

The system comes with...

- 6 Interactive BATAK Jockey Controllers (each with 4 illuminated LED target buttons)
- Master Control Box Hardware and all necessary cables
- Gaming Software CD-ROM (includes 3 games, BATAK Jockeys, BATAK Racers and Stand Up Bingo)
- 6 coloured jockey caps (embroidered with the words BATAK JOCKEYS on the fronts)

What gaming features are there?

The BATAK Jockeys gaming software has many features including...

- Realistic Racing Simulator (including Random 'Draw Bias')
- Photo-Realistic Virtual Race Track
- Atmospheric Music and Sound Effects
- Fully Editable Race Meeting Names and Times
- 'Quick Edit' options (automatically enters all race meeting details for you!)
- 2 to 6 Players option
- Each Way 'Second Place' option (for 5 or 6 runners)
- Photo-Finish feature
- Racing Results Table (showing the finishing positions of all runners)
- Virtual Racing Mode (where no audience participation is required)
- 'Fail Safe Recovery' Features (essential if there's a 'power cut' etc)

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How do I set up the BATAK Jockeys game?

Setting up the BATAK Jockeys game is quick and easy. The diagram below shows the recommended game layout.

Projector Screen Projector Screen RF MICROPHONE RECEIVER PA MINER SPEAKER PA MINER SPEAKER PA MINER SPEAKER Jockey Jockey Jockey

What else will I need to purchase?

To complete the system, you will need to purchase the following items separately:

- Colour projector (preferably with carrying case)
- Projector Screen
- Desktop or Shuttle PC (fitted with a serial port and fast graphics card, running Win XP)
- Wireless Keyboard, Mouse and Laser Pointer

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- Six stools (or chairs) for the jockeys
- An Extendable Table
- PA and Mixer system for Games Commentary and Sound Effects/Music (with carrying case)
- Wireless Radio Lapel Mic

When will BATAK Jockeys be available?

The **BATAK Jockeys** entertainment system is **now available** to buy.

Call us for pricing details on: 01293 431065

