ADM (UK) LTD.

CYBERCYCLE™

Instruction Manual

Please read this instruction manual carefully, before using your new Cybercycles. This manual contains instructions for correct set up, operation and maintenance of Cybercycles.

Applicable to codes: MC05 FC05

Congratulations !

Your Cybercycles are the latest innovation for visual display marketing. Cybercycles can be used in shop window displays, in-store promotions, exhibitions and stadiums.

Their realistic 3-D movement markets bikes, clothing and surrounding products to best effect. They attract maximum attention to any display.

The Cybercycles work via a complex but durable animatronic mechanism. This has been developed and precision engineered to simulate the movements of a human cycling in slow motion.

IMPORTANT NOTICE:

Your Cybercycles are easy to set up and use, but you should read this manual and follow the setup and operation steps carefully to ensure the Cybercycles work to their full potential.

Cybercycles are animatronic machines and are not like normal mannequins. They should be handled with great care and attention. ADM (UK) Ltd. advise all companies to train one person only in the handling and use of Cybercycles. That person should be responsible for them.

1. Removal from box
2. Siting (Situating)
3. Dressing & Use
4. Further Shippage and Handling

If one person is trained and is responsible for the Cybercycles, the working life of the investment will be lengthened. This person can contact ADM (UK) Ltd. at any time if advice is required.

NOTE: Please read and complete the enclosed warranty card and return within 7 days of purchase.

Please call ADM(UK) Ltd. Hotline

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e-mail: info@cyberquins.co.uk

www.cyberquins.com

CYBERCYCLE INSTRUCTIONS

1 HOW TO OPEN THE CYBERCYCLE BOX

a Unscrew the lid and lift off.

b Remove the bubble wrapping.

c Lift out the Cyberquin body carefully (2 people will be needed).

d Unscrew the 4" x 2" timber at one end of the Cybercycle.

e Lift out the whole Cybercycle (2 people will again be needed at either end).

2 HOW TO OPERATE AND SET UP THE CYBERCYCLE

a Lift the Cyberquin body off the lower Cybercycle mechanism. 2 people maybe needed as the body and mechanism are quite heavy.

b Select a suitable size adult bicycle. The Cybercycle has been designed to fit most styles of bike, although a 21" - 23" frame adult mountain bike with a quick release back axle maybe best.

c Place the bike on top of the Cybercycle mechanism. The front wheel sits in the middle of the front 2 rollers. The back wheel sits on the single roller.

d The back axle of the bike should be clamped securely in the Cybercycle axle clamp mechanism. There are a pack of tools supplied. The biggest Alan key can be used to tighten the back clamp mechanism.

Note: Do not over tighten as this will damage the bike and the Cybercycle mechanism frame.

e The front wheel of the bike should sit exactly in the middle of the front 2 rollers when the back wheel is clamped. If you need to adjust the front rollers you can do so by using the following tools: a 17mm Spanner and an 8mm Alan Key.

Adjusting Front Rollers

f To adjust the front rollers, lift the whole Cybercycle mechanism from the front until vertical. Again 2 people maybe needed. The rollers are connected to a T frame which slides on a central beam connected by bolts.

The bolts can be loosened to slide the T shaped roller frame forward or back. Adjust the rollers until the bike's front wheel is central on both rollers.

Tip: (It is important that there is slightly more contact from the roller with the green belt that drives the front wheel.)

Note: The T shaped frame maybe tight on the beam and a hammer or other equivalent maybe needed to move the frame when the bolts are loosened.

Tip:

Note: If the bike's front wheel is sat on the 2 front rollers without the back axle being clamped, you will see which way the bike must move, to line up the back axle with the Cybercycle clamp mechanism. Adjust the front T shaped roller frame until the bike is aligned with the back clamp, then tighten the bolts.

Tip: If the back roller running on the back wheel of the bike vibrates due to the tread on the tyre, put an electrical tie around the right nylon tube and spring support bar that pushes the roller up against the wheel. The tie will pull the nylon tube tight to one side of the slot and take away any vibration.

Adjusting Green Roller Belt

g There is a green belt which drives the front rollers from the back roller. The belt can be tightened or loosened by means of a slotted bar. The bar has a pulley 38mm in diameter attached to it. The bottom pulley can be slipped higher or lower to tighten or loosen the belt.

Connecting Chain

h When the bike is fixed in the correct position connect the chain from the Cybercycle mechanism to the bikes biggest outer sprocket nearest the pedal arm. Note: This is very important to maintain the correct speed. Note: Do not turn on the Cybercycle mechanism whilst the chain has the electrical tie connected to it. Note: Do not turn on the Cybercycle mechanism until the chain is connected safely to the bike and the Cybercycle mechanism.

CAUTION:- The chain must be fitted perfectly onto the main Cybercycle drive sprocket, through the derailleur and onto the main bicycle sprocket before turning on. `If the chain is not fitted correctly excessive damage could be caused to the Cybercycle mechanism when it is turned on. (Only turn on the mechanism when everything is set up correctly with the bike bolted securely, with the front wheel on the rollers.)

3 SETTING UP THE BIKE FOR THE CYBERCYCLE MECHANISM AND THE CYBERCYCLE BODY

Setting up the bike

a The chain on the bike must be on the middle back sprocket on the back wheel axle and the smallest front sprocket on the pedal axle. Therefore with the bike chain on both these sprockets and the Cybercycle chain connected to the biggest bike sprocket nearest the pedal arm, the best speed is achieved and nothing will touch.

Seat Height

b The seat height of the bike is very important. Note: The seat should be 75cm from the top of the seat to the middle of the pedal axle. Note: If the seat is too high, the Cyberquins legs may lock out when the pedal is in its lowest position. (This will cause great damage to both the Cybercycle mechanism and the Cyberquin's body.) Note:- If the seat is too low, the legs when at their highest point, will crush at the Cyberquin's abdomen area. This again will cause great damage.

c The bike itself must be assembled correctly with all nuts and bolts fixed securely. The tyres must also be hard. The bike must be road worthy before the Cyberquin body is connected.

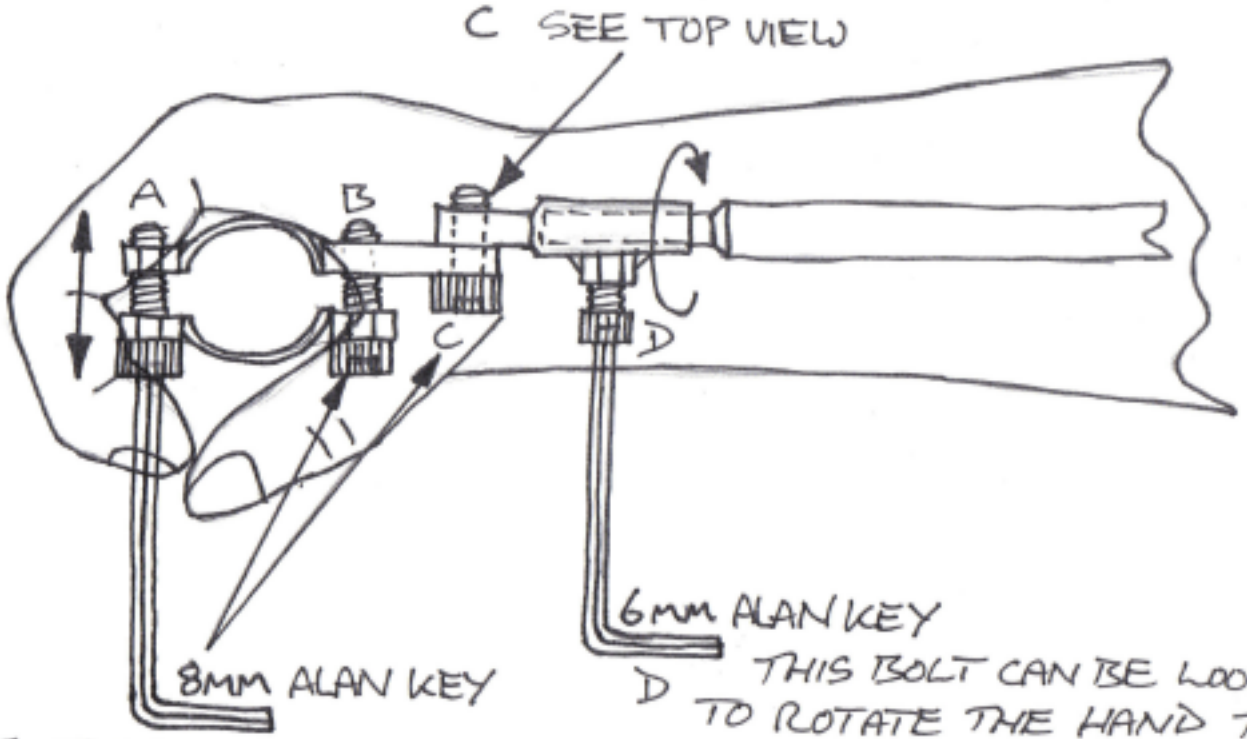
d Connecting the Cyberquin Body

2 people maybe needed to lift the Cyberquin body onto the seat of the bike. The Cyberqun must sit centrally and securely on the seat. 1 person can connect the feet into the pedals. Note: the pedals must have toe clips to hold the feet in place or shoe clips direct to the pedals.

Slide the Cyberquins arm hand brackets onto the handle bars. The hand bracket mechanism can now be tightened using the 6mm and 8mm Alan Key. See hand mechanism drawing, side view and top view, pages 5a and 5b to understand how the hand bracket mechanism operates. Follow the instructions on the drawings carefully.

SIDE VIEW OF HAND MECHANISM 4/8/99

CYBERCYCLE © 1999 ADM (UK) LTD



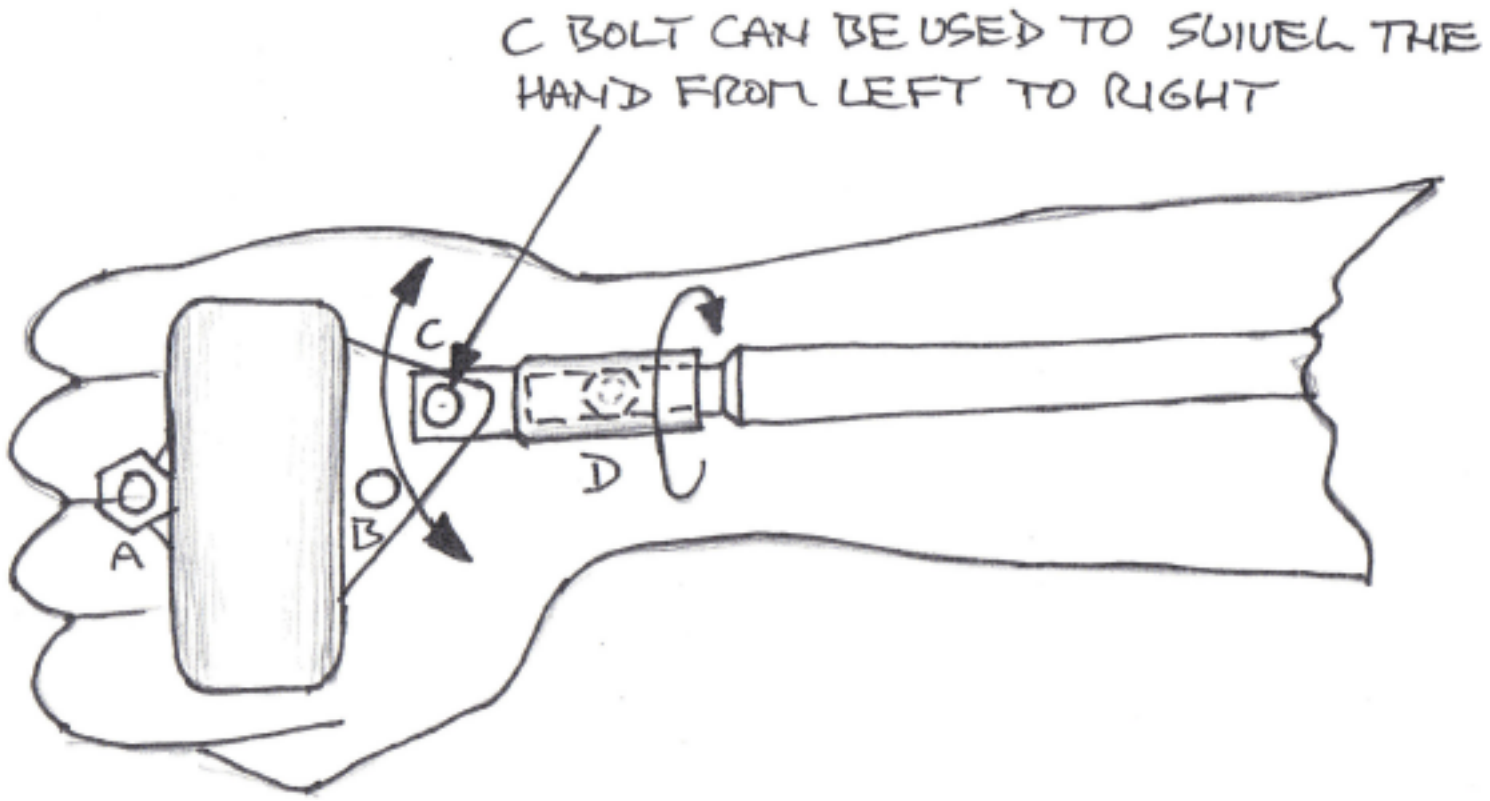
A+B
THESE TWO BOLTS TIGHTEN OR LOOSEN THE BRACKET ON THE HANDLE BAR

D
THIS BOLT CAN BE LOOSENED TO ROTATE THE HAND TO THE CORRECT ANGLE

5A

TOP VIEW OF HAND MECHANISM 4/8/99

CYBERCYCLE ©1999 ADM (UK) LTD



One person should hold the mannequin torso in a solid upright position, whilst another person tightens all the M10 bolts in the hand mechanism. This process is vital to secure the mannequin body to the bicycle being displayed. Note: The universal jointing within the hand bracket mechanism will allow the hand to hold any handle bar design securely whilst holding the mannequin in a solid upright position. Once this is done the Cybercycle can now be switched on safely.

e The front wheel may move slightly left to right on the rollers. This is OK, however, if the movement is excessive, the mannequin may not be seated vertically. Alternatively check that the handle bars and the front wheel are aligned square. You can undo the handle bar whilst the Cybercycle is cycling. The handle bars and front wheel will align themselves naturally on the rollers. The bolts on the handle bars can then be tightened.

Note: The above correct set up is vital to ensure good long term smooth running of the equipment and to reduce wear and tear. (The new V shaped roller design in 2004 should alleviate front wheel side movement.)

4 Dressing the Cyberquin Body

It is easiest to dress the Cyberquin whilst it is disconnected from the bike. Lay the body on a table.

Lower half of body

The shorts or trousers can be pulled up the legs easily. Note: Always tighten trousers etc. at the waist using a pull cord or other equivalent.

Shoes can also be connected easily at this stage. Note: Light shoes would be best.

Upper half of body

To fit an upper body garment rotate the arms upwards and over the head whilst the Cyberquin is laying on the table. Pull the garment down over the arms and then down the torso. The arms can then be rotated back down by the Cyberquin's side. Note: There should be no need to disconnect the arms.

The Cyberquin body can also wear sunglasses / watches and other accessories. Always make sure they are fixed securely, so they cannot fall into the moving bike or Cybercycle mechanism.

Clothing can be pinned to the Cyberquin body for the best look due to the durable foam body.

Note: Although most Cycle clothing is tight fitting we would suggest that looser clothing is best. This will take pressure off the Cybercycle's mechanism and increase the products life span. Always make sure that none of the limbs are restricted in any way.

Note: Do not try to change clothes whilst the Cybercycle is moving. (Always switch off and isolate from the power supply when dressing or undressing.)

Choosing a Suitable Location

IMPORTANT NOTICE:

1 Keep Cybercycles away from the public. Do not let people touch or walk close to the Cybercycles.

2 Do not tamper with the Cyberquin body, the bike or the Cybercycle mechanism whilst the mechanism is running.

3 Do not locate the Cybercycle at a height unless the base is fixed securely and bolted.

4 Do not suspend the Cybercycles.

5 Do not move or try to re-position the Cybercycles whilst in operation. (Switch off and isolate the power.)

6 Do not place the Cybercycles outside. They are not intended for external use. (Only use externally if covered by a suitable protective dry construction.)

7 Do not position Cybercycles near a naked flame or other hot element of any kind. (Risk of fire.)

8 Do not position in a wet or damp area. NOTE: Cybercycles are only to be used in dry atmospheres. Many components are steel and will rust if they become wet.

9 Always ensure that the Cybercycles are kept vertical. (Do not angle inany direction.)

10 If Cybercycles are to be used in public areas we advise that a solid protective barrier is provided to stop people touching the mechanism whilst moving. Clear plastic or glass panels would be ideal together with visual signage advising of the danger.

WARNING:- SEVERE INJURY COULD BE CAUSED BY TOUCHING THE MECHANISM WHILST IT IS MOVING.

Operating your Cybercycle

1 Your Cybercycle maybe fitted with a British safety plug. (International users will find a travel plug attached.) Please do not remove the plug supplied.

2 Operation for switch on:

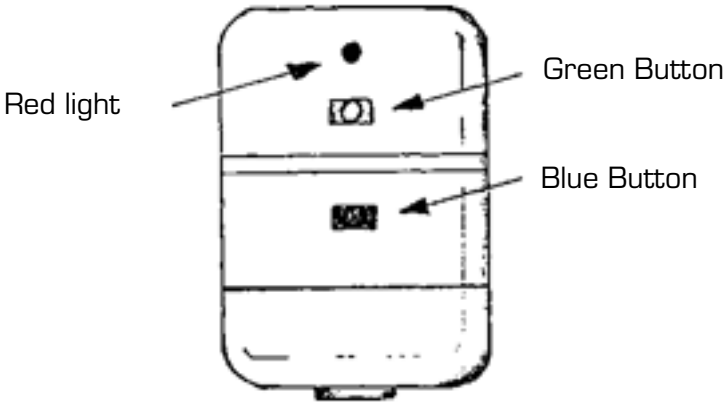
a Plug in and switch on at mains.

b Press the 'Green' Reset button to start your Cybercycle. The red light will show.

c Press the 'Blue' Test button to stop your Cybercycle.

d Alternatively a standard British plug may be fitted to models manufactured after 2004.

This plug is not supplied on 110 volts products, simply connect the travel plug to the standard black Cyberquin plug and switch on.



Personal & Public Injury

DANGER!

1 Health & Safety law requires employers to:-

a Guard moving machinery

b Instruct staff in the correct use and implications of misuse of moving machinery.

2 Do not under any circumstances remove any protective covers.

3 The Cybercycles mechanism has many moving parts. These will cause serious injury if tampered with whilst in motion.

4 Do not touch the hinging joints whilst they are moving. There is a risk of injury.

5 Cybercycles should be out of the reach of the public and untrained staff. A suitable barrier should be installed and maintained at all times.

6 The Cybercycles must always be clamped securely to the bike displayed. The bike and the Cyberquin's body cannot support themselves and must be clamped securely at all times.

7 Cyberquins are animatronic machines and should be handled with care. Please do not abuse or mishandle. They have been designed for the specific purpose of displaying bikes and light items of clothing only, in a well ventilated and unobstructed area.

Electrical Safety

IMPORTANT NOTICE:

The mains lead supplied is a (BS3183Y) with a residual current safety plug conforming to (BS7071).

NOTE: This plug is fitted with a 3 amp fuse.

A 3 amp fuse must be fitted in the plug, adapter or at the distribution board.

IMPORTANT NOTICE:

WARNING: THIS APPARATUS MUST BE EARTHED

The wires in the mains lead are coloured in accordance with the following codes:

		Plug marks
Green-and-yellow:	Earth	"E" or
Blue:	Neutral	"N"
Brown:	Live	"L"

MOTOR

The electric motor that drives the Cybercycle has thermal overload protection, if the motor temperature increased it will automatically cut off. It will automatically restart after a few minutes when it has cooled down. The mechanism is designed to run in an ambient temperature of 21°C, if the ambient is higher the thermal overload may cut in.

Guarantee

Limited Guarantee:

ADM (UK) Ltd. warrants that this product is free from defective materials and workmanship.

ADM(UK) Ltd. further warrants that if this product fails to operate within the 6 month warranty period and the failure is due to improper workmanship, defective material or fair wear and tear, ADM (UK) Ltd. will repair or replace the product at its option.

All warranty repairs must be performed by a qualified ADM (UK) Ltd. engineer.

If there has been any tampering with the seals on the foam body or under shell seals are broken, this will invalidate the guarantee.

ADM (UK) Ltd. trademarks and patent numbers are affixed to each Cyberquin and must be displayed at all times. Failure to do so will invalidate this guarantee.

If a Cyberquin is hired rented or leased, without the prior written consent of ADM (UK) Ltd. this will invalidate the guarantee.

This guarantee does not cover any claim for consequential loss or damage.

Full detail of the guarantee can be found in ADM (UK) Ltd's terms and conditions of sale.

EXCLUSIONS:

This guarantee does not cover the damage due to accident, fire, flood and/or other acts of God; misuse, incorrect line voltage, improper installation, improper or unauthorised repairs, commercial use or damage that occurs in shipping. Exterior or interior finish.

This guarantee will automatically be made void for any unit found with a missing or altered serial number. This guarantee is valid worldwide.

In extremely rare instances, excessive voltage may occur when your mains supply sustains a lightening strike. If it is likely that there will be a major electric storm we recommend that you disconnect your Cyberquin from the mains supply.

CYBERCYCLE™

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