China Industries Ltd. T/A Wow! Stuff
Property: TX Juice
Product: CyberDactyl™
Product No: TX-1008
Date: 09/07/14
Printed: Black

Troubleshooting

Problem	Reason	Solution
• Wings do not flap • Suddenly descends after take off.	1) ON/OFF switch is positioned at OFF. 2) Batteries not yet fully charged.	1) Switch the power to ON. 2) Recharge batteries.
• Fails to take off or descends slowly when flying.	1) The CyberDactyl™ is not facing into the wind during take off. 2) Ensure batteries have enough power.	1) Face into the wind when throwing the CyberDactyl™ before take off. 2) Recharge the device.
• Falling immediately after take off.	Battery low.	Recharge batteries.
• No response or slow response when operating.	Affected by high frequency radiation from the surrounding high voltage cable/adapter/special building.	Fly in another location.
• Loss of control.	1) Another R/C product with the same frequency is operating close-by. 2) Location of the aeroplane is beyond the range of the remote control.	1) Operate this product in an interference-free environment. 2) Ensure that the aeroplane is operating within its 150 metre maximum range.

DECLARATION OF CONFORMITY

Manufacturer's Name: China Industries Ltd. T/A Wow! Stuff
Manufacturer's Address: Creative Industries Centre, Wolverhampton Science Park, Wolverhampton, WV10 9TG, UK
Type of Equipment: CyberDactyl™
Model Number: TX-1006
Year of Manufacture: 2014
Application of Council Directive(s): 1999/5/EC The Radio Equipment and Telecommunications Terminal Equipment Regulations 2000 (and its amending directives)

Standard(s) to which Conformity is Declared: EN62479, EN62115, EN301 489-1/3, EN300 220-1/-2

"Hereby, China Industries Ltd. T/A Wow! Stuff, declares that this CyberDactyl™ Extreme is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC."

Place: Wolverhampton, UK Dr.Graeme Taylor
Date: April 2014 Director

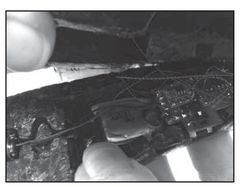
CE 0678

Distributed by: China Industries Ltd. T/A Wow! Stuff,
Creative Industries Centre, Wolverhampton Science Park,
Wolverhampton, WV10 9TG.
www.wowstuff.com

Designed by TX Juice in the UK, California and Asia.
Manufactured and assembled in China.

Disposal of CyberDactyl™

Disposal of Li-poly battery instructions
(Only follow these instructions when you wish to dispose of your CyberDactyl™).
Warning: Batteries should only be removed by an adult. Children should not be allowed to carry out the following procedure.



1. Carefully prise apart the CyberDactyl™ along the seam on the side using your fingers to expose the battery.

2. Carefully take out the battery.

3. Carefully cut the wires connecting the Li-poly battery to the aeroplane.
Use tape to cover the end of each wire from the battery, to prevent short circuit

WARNING: CUTTING BOTH WIRES AT THE SAME TIME MAY CAUSE A SHORT CIRCUIT & POTENTIALLY DANGEROUS RISK OF THE BATTERY OVERHEATING

⚠ WARNING: CE

Not suitable for children under 3 years old due to small parts which may present a choking hazard.
Not recommended for use by children under 8 years old.
Please retain this information for future reference.
Adult supervision required. Operates on 2.4 GHz frequency.

•Before first use: read the user's information together with your child. •Check if the toy is assembled as instructed. •Do not change or modify anything on the CyberDactyl™. •**Warning!** Do not touch the rotating propeller. •Keep face, eyes, fingers, hair, body parts etc away from the propeller and other moving parts. •Always fly in an open space. •Do not expose to rain or moisture. •Do not fly in a crowded environment. •Do not fly in a dusty area. •Do not fly in complete darkness. •Ensure people know that you are flying the CyberDactyl™. •Never fly near pylons, substations, cables, roads, railways, trees, buildings, people, animals or any other object that could represent a hazard to yourself or others! •Never fly in a thunder storm. •Use only the handset included in this package. •Always turn "OFF" when not in use. •Contains battery. Battery must be recycled or disposed of properly. •Do not modify the CyberDactyl™ in any way. •Do not start the CyberDactyl™ when persons, animals or any objects are within flying range of the CyberDactyl™. •Do not throw or hold any objects near the rotor. **Caution!** Risk of eye injuries! Keep a safe distance of at least 1m. •Do not fly near your face to avoid injuries. •Flying the CyberDactyl™ requires skill and children must be trained under the direct supervision of an adult.

Battery Information
• Non-rechargeable batteries are not to be recharged.
• Rechargeable batteries are only to be charged under adult supervision.
• Rechargeable batteries are to be removed from the toy before being charged.
• Do not mix old and new batteries.
• Do not mix alkaline, standard (carbon-zinc) or rechargeable (Ni-Cd) batteries.
• Batteries are to be inserted with the correct polarity.
• Exhausted batteries are to be removed from the toy.
• The supply terminals are not to be short-circuited.
• Contains Li-poly battery, battery must be recycled or disposed of properly.

Always :
• Make sure battery compartments are secure.
• Use batteries of the correct size and type.
• Fit batteries correctly observing the plus and minus marks on the battery and compartment.
• Replace a whole set of batteries at one time.
• Remove dead batteries from equipment.
• Remove batteries from appliance that will not be used again for a long time.
• Please remember that all S batteries should be kept away from young children as they could be easily swallowed. Seek medical advice if you believe a cell has been swallowed.
• Please ensure that batteries are installed by an adult prior to use.

Never
• Never dispose of batteries in a fire.

Consumers have a significant role to play in reducing the impact of waste electrical and electronic equipment on the environment, you can help by re-using or recycling such equipment.

The crossed out wheelie-bin symbol indicates that the product & batteries must not be disposed of in domestic waste as they contain substances which can be damaging to the environment and human health. If you cannot re-use or recycle the product or batteries, please use designated collection points, or civic recycling facilities to dispose of them.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/ TV technician for help.

Battery requirement for the aeroplane
Rating: DC 3.7V, 15.1 W
Batteries: 1 x 3.7 V Li-poly Rechargeable Battery Pack (included)

Battery requirement for Handset
Rating: 4 x 1.5V AA batteries (not included)

txJuice

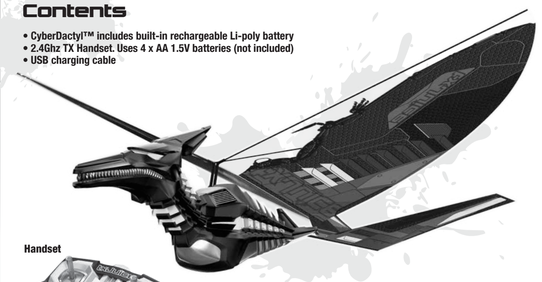
INSTRUCTION MANUAL

R/C CYBER DACTYL™

BC

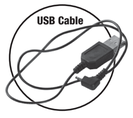
Contents

• CyberDactyl™ includes built-in rechargeable Li-poly battery
• 2.4Ghz TX Handset. Uses 4 x AA 1.5V batteries (not included)
• USB charging cable

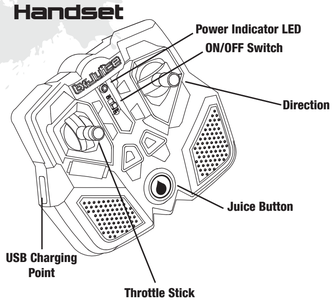


Handset

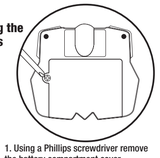
USB Cable



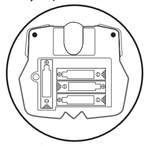
Handset



Inserting the batteries



1. Using a Phillips screwdriver remove the battery compartment cover.

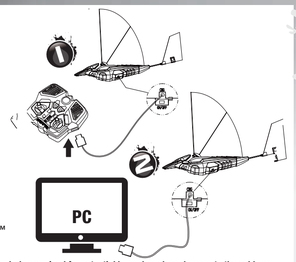


2. Insert 4 x 1.5V AA alkaline batteries, following polarities as shown.
3. Replace the battery cover ensuring it is secure.

Charging

1. Once batteries are installed in the handset, move the power switch on the controller to the OFF position.
2. Push the USB charging connector into the handset (pic 1). Alternatively plug the USB charging connector into an alternative USB Power source (pic 2).
3. Make sure the CyberDactyl™ is OFF (no red lights visible), and insert the charging plug into the power socket on the side of the CyberDactyl™ which will illuminate a red light next to the ON/OFF button and charging point.
4. Once charging is completed the red LED light on the aeroplane will turn off.
5. Remove the charging plug from the charging socket of the aeroplane. The CyberDactyl™ will fly for about **7** minutes from a **30** minute charge.

Note:
Before charging the battery, wait **10-15** minutes for the battery to cool down. The flying range of the CyberDactyl™ is up to **50** metres.



Charging unit to be used with the Cyberdactyl toy should be regularly examined for potential hazard, such as damage to the cable or cord, plug, enclosure of other parts and that in the event of such damage, the toy must not be used until that damage had been properly removed.

Flying the CyberDactyl™

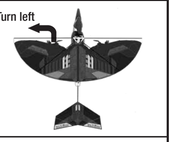
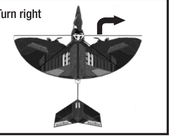
1) Before each flight, and especially when first out of the box, take time to ensure wings and tail fins are straight and symmetrical. If not, gently bend the foam body back in to shape. Fine adjustments can also be made with the Tail Flaps. To fly in a smaller area, gently bend both tail flaps upward along the fold line.
2) Press the power switch on the CyberDactyl™ to turn ON, a red light will illuminate on the underside of the CyberDactyl's body. Push the power switch of the remote control to ON.
3) To ensure horizontal flying hold the remote control vertically. Push the control trigger fully forward until the CyberDactyl™ is moving. Throw the CyberDactyl™ horizontally along your line of sight.
4) **IMPORTANT:** Flying the CyberDactyl™ successfully takes a lot of practice. Key is that when the CyberDactyl™ is initially launched and it moves to one side, adjust the Direction controller in direction to keep the CyberDactyl™ flying straight. After climbing to a height of around 10m, reduce the throttle to about half power for smooth level flight. Keep movements of the throttle smooth and gradual, to prevent stalls or dives.
5) When launching the CyberDactyl™, make sure that it is facing a slight breeze and flying horizontally.
6) Do not throw the CyberDactyl™ vertically upwards as it may fall immediately back down and become damaged.
7) If the angle of elevation is too steep, reduce the speed by easing off the throttle. Alternatively, if the CyberDactyl™ nose-dives, increase its speed by pushing up the throttle more.
8) Again, flying is not easy, but after practice is great fun!

Choosing the Right Venue and Weather

1) Choose a spacious, obstacle-free area when operating indoors, ensure that the device is operating away from electronic fans and air conditioners as these may affect air flow.
2) Choose a fine, calm day. It is not recommended to fly the CyberDactyl™ in winds over 5mph.
3) Power consumption will increase when operating in strong winds, which can also affect control of the CyberDactyl™ and may result in damage.
4) Operation away from crowds, ponds, residential buildings and trees is recommended.
5) Do not operate in the rain or snow or near to any high voltage cables.

Safe Usage and Maintenance
1) If not in use for a long time, remove batteries from the controller.
2) Ensure that the device is placed away from heat sources.
3) Do not place in water as this may cause short circuit of the circuit board.
4) Do not expose the CyberDactyl™ to extreme temperatures.
5) Always keep the CyberDactyl™ clean, use a damp cloth to clean, followed by a dry cloth to wipe water away. Never use chemicals to clean the product.
6) Long operation time may generate high heat levels causing wear and tear. To extend product life, operators are recommended to allow a **10-15** minute cool down period before recharging batteries.
7) Keep this instruction manual for future use.

Performance

MANUAL CONTROL TRIGGER	REMOTE CONTROL	MOVEMENTS
Push the throttle forward to fly forward and increase altitude (Take off / fly upward)		Take off / Fly upward
Release the throttle to fly downwards and decrease altitude (Lower speed / Landing)		Lower speed / Landing
To turn left, push the throttle forward and side controls to the left (Turn left)		Turn left 
To turn right, push the throttle forward and side controls to the right (Turn right)		Turn right 

Performance Adjustments:

1. If the Cyberdactyl™ cannot turn left / dives when turning right: Bend the right tail flap up slightly. [R]
2. If the Cyberdactyl™ cannot turn right / dives when turning left: Bend the left tail flap up slightly. [L]
3. For flying indoors only: bend both tail flaps up slightly. [R & L]
4. For flying in windier conditions: bend both tail flaps down slightly. [R&L]

Please Note:
Power transfer from the handset controller to the CyberDactyl™ may be intermittent within a distance of 2 metres, this will not affect flight performance in any way. When testing the CyberDactyl's function it is best if one person holds the CyberDactyl™ and stands at least 2 metres from the person holding the handset controls.

Press the Juice Button™ for continuous Auto-circling flight!

Touch any control on the TX Handset to revert to manual operation!