



USER MANUAL

This contains safety, handling, disposal, recycling, and regulatory information for Drone n Base. Read all safety information and operating instructions before using Drone n Base to avoid injury or harm. PLEASE READ THIS MANUAL CAREFULLY TO THE END BEFORE YOU START USING DRONE N BASE.

GENERAL INFORMATION

The Drone n Base is an indoor single and multi-player drone gaming platform. It is not recommended for users under the age of 14 years to use Drone n Base. It is recommended bumpers to be used as the propeller may cause injuries or damage furniture and other objects. Before manipulating your drone make sure that motors are turned off and that the propellers do not move. Drone n Base is a game designed for flying inside, which means it is in legal accordance with public aviation rules, however we suggest you to check public aviation rules in your country for your own safety. Drone n Base is an electronic game so do not manipulate with water or other fluids while using it and do not expose it to direct sunlight.

BEFORE YOU START

Read all safety and operating instructions before operating Drone n Base.

Keep the safety and operating instructions for future reference.

Please read QUICK START GUIDE before starting using Drone n Base.

Follow all operation and use instructions.

Do not try to insert battery in wrong direction to drone. This can cause damage of battery pins. Battery direction is located on label on the bottom part of the drone.

Refer all non-routine service to Drone n Base.

Use propeller guards during flying to protect yourself and your surroundings.

If not operated correctly, the drone could possibly cause injury to you or spectators and damage property.

Systems are developed for indoor flying. Drone n Base will not work properly outdoor.

Anima Technika s.r.o. is not responsible for any damage or loss caused by incorrect usage of Drone n Base.

Drone n Base is for hobby use only.

SEIZURE, BLACKOUTS AND EYESTRAIN

A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, you should consult a physician before playing Drone n Base. Discontinue use of Drone n Base and your smart device controller and consult a physician if you experience headaches, blackouts, seizures, convulsion, eye or muscle twitching, loss of awareness, involuntary movement, or disorientation. To reduce risk of headaches, blackouts, seizures, and eyestrain, avoid prolonged use, hold your smart device controller some distance from your eyes, use Drone n Base in a well-lit room, and take frequent breaks.

REPETITIVE INJURY

When you perform repetitive activities such as playing games on your smart device controller, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Avoid excessive play. It is recommended that parents monitor their children for appropriate play. Take frequent breaks and if you have discomfort during or after such use, stop the use and see a physician.

WARNING: Choking Hazards

Drone n Base has small parts, which may present a choking hazard to small children and pets. Keep Drone n Base and its accessories away from small children and pets.

USE AND MAINTENANCE

Never:

Abuse, throw, drop, puncture, violently kick or step on Drone n Base. This can damage the product and compromise its safe operation.

Never fly near other people or animals, do not touch the spinning blades.

Do not alter or modify the model, as doing so may result in an unsafe or unflyable model.

It is not permitted to operate Drone n Base in dangerous, hazardous or public areas (high voltage power lines, train stations, airports, trains). Check whether use of Drone n Base is permitted before using it in public areas or public transport.

Always:

Take out the battery from Drone n Base when you are not using them.

Fly with propeller guards on the drone to protect you and your surroundings.

Keep Drone n Base in sight at all times when operating it to avoid injuries or damages to people, animals or property.

Make sure no one is standing closer than 1 meter (3 feet) from Drone n Base when in operation and keep a safe distance between the drone and people, animals and property.

Periodically examine drone for potential hazards such as cracked, damaged or otherwise broken parts. Especially spinning parts like motor and propellers. In the event of such damage, do not use Drone n Base until it is repaired.

Always use safety goggles to protect your eyes.

Keep your face and body as well as all spectators away from the rotors whenever the battery is connected.

CALIBRATION

We recommend to calibrate the drone before the first flight, after a crash or when the drone is suddenly hard to control. Calibration has a big role in stability of drone.

1. Open the SETTINGS menu in the right corner of the HOME screen.
2. Put the drone on a flat horizontal surface.
3. Press the CALIBRATE button.
4. Don't move the drone for 3 seconds.

CONTROLLING THE DRONE

EMERGENCY STOP OF DRONE

If you are in dangerous situation you can stop the drone immediately by shaking the smartphone or stop button on the screen. The drone will turn off all motors and fall down.

CONTROLLING DIRECTION OF DRONE

Flying direction of the drone is controlled by tilting your smartphone or tablet.

Tilt your smartphone or tablet forward and drone will go forward.

Tilt left drone will go left.

Tilt right drone will go right.

Tilt backwards drone will go backwards.

Before starting, put the drone on a flat surface with the tail pointing towards you! Or you can adjust starting drone orientation by slider near the joystick. Please tap the "book icon" in homescreen of Drone n Base app for more information.

WARNING: If the tail does not point at you (or you do not adjust starting position of drone), you will be not able to control drone properly.

AUTO ALTITUDE MODE

WARNING: This system requires a hard surface to work properly. On soft surfaces like carpet, grass bed etc. the drone may be unstable.

In this mode drone is using an ultrasonic sonar and barometer system to measure the altitude above the ground. User is controlling altitude with joystick.

1. Tap the button at the bottom of the screen to take off.
2. The Drone will automatically take off to an altitude of approximately 1 meter (3 feet).
3. You can adjust the drone altitude by using the joystick.

Slide up - Drone will go up

Slide down - Drone will go down

Slide left - Drone will rotate left

Slide right - Drone will rotate right.

4. Tap again on the button at the bottom of the screen to land.

MANUAL THROTTLE MODE

WARNING: This is advanced mode and requires more practice than auto altitude mode. You can try it in Drone n Base academy.

In this mode user is controlling motors speed directly. This mode is suitable for advanced flying. This mode has not limited height.

Before starting, put the drone on a flat surface with the tail pointing towards you!

1. In this mode the joystick controls the throttle.
2. We recommend this mode to be only used by advanced users.
3. Slide the joystick up to lift off.
4. When you release the joystick the drone will automatically land.

Slide up - Drone will go up

Slide down - Drone will go down

Slide left - Drone will rotate left

Slide right - Drone will rotate right.

AUGMENTED REALITY GAME

To play the augmented reality game, you need approximately 1.5 m (4 feet) wide and 2 m (6 feet) long free space with hard flooring. The area must be well and evenly illuminated to assure the game works as intended.

1. Put on the bumpers with ORANGE or GREEN stickers on the front side of the drone.
We recommend to choose such color of stickers that does NOT occur in area where you are playing.
2. Put the drone in the middle of the designated space, with trackers pointing towards you.
3. Open the Augmented reality game from the game menu and follow the onscreen instructions.

THE BASE

CONTROLS

To turn the base on, press the square button. To turn it off or put into sleep mode while charging, hold the square button for 1 second.

SETTING UP THE BASE

The base operates in three modes.

1. Normal mode

Place the base on the floor. Turn the base on with the square button. The Base is now transmitting infrared signals upwards depending on the colour you choose. The colour behaviour depends on the type of game you are playing. You can switch between 9 colours using the triangle and square button. The Drone will detect the infrared signal when you fly over the base.

2. Power up mode

Mode is activated when you hold triangle button (until sound signal) in normal mode. It is the same as normal mode but in this mode the base will flash at random intervals. Whilst the base is flashing, you can pick up special power ups. White colour will flash randomly in 8 colours.

3. Base conquer mode

Press both buttons at the same time to get to or from the Base conquer mode. To reset the game press one of the buttons. In this mode the base is your enemy and your mission is to eliminate the base. In this mode the base must be in vertical position. Hang it on wall or on something else with approximately 1 meter (3 feet) height from ground. Open the Drone n Base app, choose the Base conquer game and follow the instructions.

TROUBLESHOOTING

LIGHT INDICATION OF DRONE

If the drone is flashing yellow, it has to be placed on flat surface.

If the drone is flashing red, the battery of the drone is discharged. Please recharge the battery.

If the drone is flashing in rhythm of heartbeat the drone is disconnected from smartphone.

CHANGING POWER OF INFRARED TRANSMITTER LED

The base has switches located at the bottom side of the base to change the strength of the infrared LED. Use the tip of a pen to switch the switches. Increasing the power will extend the distance in which the drone can receive the signal from the base. During sunny days, we recommend to increase the LED power, because sunlight has a lot of infrared light and can interfere with the signal emitted from the base. If you have many white coloured objects around (e.g. walls, furniture) they can reflect the signal from your base, and the drone will receive signals even if you are not flying over the base. If it does so, decrease the infrared LED power.

There are four levels of IR intensity:

VERY LOW 3 - OFF 4 - OFF

LOW 3 - OFF 4 - ON

HIGH 3 - ON 4 - OFF

VERY HIGH 3 - ON 4 - ON



CHANGING THE VOLUME OF THE SPEAKER

The Base has three sound volume levels: max, min and off. You can change it with switches located at the bottom side of the base. Use the tip of a pen to switch the switches. There are three volume levels of speaker:

LOW 1 - OFF 2 - ON

HIGH 1 - ON 2 - ON

OFF 1 - OFF 2 - OFF

MULTIPLAYER GAMES

You can play several multiplayer games with other players.

For multiplayer games it is necessary to be connected to the same wifi network.

To begin multiplayer games, one player has to create the game in multiplayer menu. Other player can connect to this game afterwards. To understand the game rules please read game instructions before playing. These instructions are available after pressing "info button".

ACCESSORIES AND SPARE PARTS

Accessories and spare parts are available at local retailer or on our website www.dronenbase.com

REGISTERED TRADEMARKS

Drone n Base gaming platform – Drone, Base, the Drone n Base application and Drone n Base logo are trademarks of Anima Technika Ltd.

Android Android™ is a trademark of Google Inc. Use of this trademark is subject to Google Permissions. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

WEEE

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service, or the shop where you purchased the product.

BLUETOOTH

Drone is connected to smartphone via bluetooth. The operating range of most devices is 10 meters (32 feet). The operating range of bluetooth depends on the device and way of holding the device. Please locate the bluetooth antenna on your device and try to cover it as less as possible during the flight to ensure maximal possible range.

BATTERY

Never leave the batteries inside the drone or base if you are not using it.

Never charge battery with lower than 2,5 V and temperature must not exceed 60°C(140°F).

Do not use any other than original Drone n Base battery.

Never dismount battery or its parts.

Never put battery on flammable materials.

Never leave charging battery without supervision.

Keep away from children. Bad usage may cause explosion or fire.

Do not attempt to use a damaged battery.

LiPo battery must be recycled or disposed of properly.

Disconnect the battery and unplug the charger immediately if either becomes hot! However, it is normal for the charger to get warm.

If the battery begins to smoke, disconnect the battery from the charger and carefully move the battery to a fireproof location.

Land your drone immediately when the LEDs flash to indicate that the battery power is low. Recharge the battery before attempting another flight.

Not following this steps may lead to permanent battery damage, environmental pollution and injure individuals.

RECOMMENDED DEVICES

List of recommended and tested devices is www.dronenbase.com/devices

CERTIFICATION CE

Product is FCC and CE certified.

Manufacturer:

Anima Technika s.r.o.

Keltiska 69, 85110 Bratislava, Slovak Republic

Product: DRONE N BASE

CE - No. 161299234 confirms the conformity of the product with essential safety requirements of the following EC/EU New Approach

Directives as amended:

2014/53/EU RED Directive

European harmonized standards used for the conformity assessment:

EN 60950-1:2006/A1:2010/A11:2009/A12:2011/AC:2011/A2:2013

EN 300 328 V1.8.1:2012

EN 301 489-1 V1.9.2:2011

EN 301 489-17 V2.2.1:2012

EN 62479:2010

The CE certificate has been issued on the basis of the test of the product type sample. The results are recorded in the Conformity assessment report No. 160500212 dated 01.12.2016.

FCC

Contains: FCC ID: 2AB6YHM-1011

This device complies with Part 15 of the FCC Rules Sub-Part B and C and also with Canada ICES-003 and RSS-Gen. 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. This equipment has been tested and found to comply with the limits for a Class B and C digital service, 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.

Model: Quidron
Anima Technika s.r.o.
Keltská 69
85110, Bratislava

