

RALLY CAR FPV

OR

MONSTER TRUCK FPV



CARE AND MAINTENANCE

- Before each run, examine all parts for damage. If any is found, do not operate until the damage has been repaired.
- Use a clean cloth to wipe the vehicle clean.
- Keep the vehicle and batteries away from direct sunlight and/or heat sources.
- Visit dromida.com for repair guides and replacement parts.

SAFETY PRECAUTIONS

Warning: Do not modify or alter this model. Changes or modifications to this model not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- The vehicle is suitable for ages 14 and above. Parents should supervise children who operate the vehicle.
- This vehicle is suitable for indoor or outdoor use.
- Switch off the vehicle and disconnect the battery when not in use.
- Dromida's all-weather electronics allow you to operate your vehicle in various conditions, including rain, snow, mud and more. DO NOT submerge your Dromida Vehicle!
- Keep hands, face and loose clothing away from the vehicle.
- Always follow these instructions when operating this vehicle.
- Do not operate near people or animals.
- Always unplug battery from charger after charging is complete.

BATTERY CAUTIONS

- Parental guidance is recommended when installing or replacing batteries.
- Insert new batteries in the radio as soon as any function becomes diminished.
- ONLY use NIMH battery with your stock Dromida RE 18 2N1 ESC/RX unit.

The vehicle is equipped with a NiMH battery. Always follow these safety instructions:

- Never dispose of batteries in a fire or store near sources of heat. Batteries must be discharged before being recycled. Cover exposed poles with adhesive tape to prevent short-circuiting!
- Batteries should only be charged on a fireproof surface, away from any flammable materials.
- Never leave the battery unattended when charging.
- Never disassemble or alter the battery contacts. Do not damage or puncture battery cells. Doing so would result in an explosion hazard!
- Keep the NiMH battery away from children.



This product contains a NiMH battery. Must be recycled or disposed of properly.

WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

90 DAY LIMITED WARRANTY

PLEASE DO NOT RETURN YOUR PRODUCT TO THE STORE! Dromida will repair or replace factory defects for 90 days from the date of purchase. This warranty specifically does not cover crash damage, misuse or abuse. To make a warranty claim or for service information, visit dromida.com/support.

This warranty applies only if the product is operated in compliance with the instructions and warnings provided with each model. Dromida assumes no liability except for the exclusive remedy or repair of parts as specified above. Dromida shall not be liable for consequential or incidental damages. Some states do not allow the exclusion of consequential or incidental damages so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

BATTERIES

Radio: Insert 4 “AA” batteries following the placement diagram in the case.

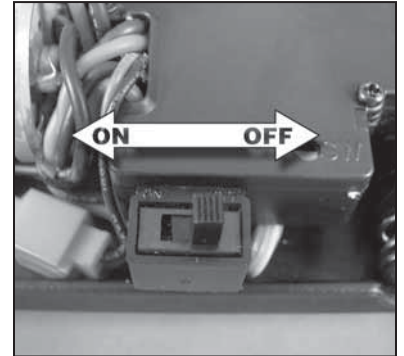
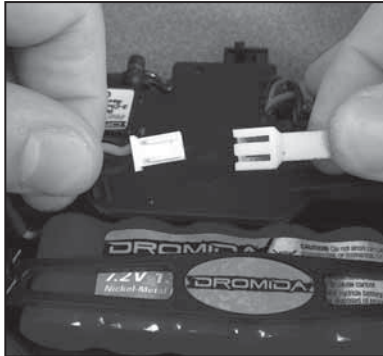
Vehicle



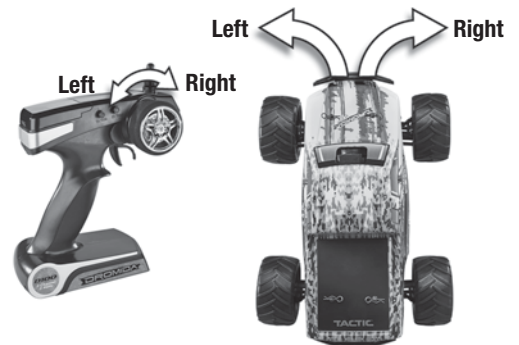
1. Unplug the battery and remove it from the vehicle.
2. Plug the charger into any USB port or USB adapter with an output $\geq 1A$ (not included, use part DIDP1125 as an optional accessory). The LED on the charger will be solid red while the battery is charging. The LED will switch to solid green when charging is completed. A flashing red LED indicates an error, check:
 - A. The charger is properly connected to the USB port/adapter.
 - B. Your USB port/adapter MUST provide $\geq 1A$ output current.
 - C. Any noticeable damage to the battery.
 - D. The battery is properly connected to the charger.
3. Unplug the battery from the charger when charging is complete.

- **DO NOT** charge LiPo batteries with the included charger, only 6-cell NiMH batteries.
- **NEVER** leave the battery unattended while charging.
- **DO NOT** allow the USB port to power down while the charger is connected to the battery.
- **ALWAYS** unplug the charger from the USB port and the battery when charging is complete.
- **NEVER** charge a damaged battery.
- **ALWAYS** unplug the battery after each use.

DRIVING THE VEHICLE

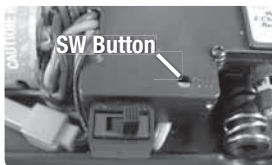


1. Install the battery into the vehicle and connect the battery.
2. Secure battery strap to post using clips.
3. Switch radio on.
4. Switch vehicle on.



- To slowly drive forward, **pull** the trigger slightly. To drive faster **pull** the trigger further.
- To brake, **push** the trigger. To drive in reverse **push** the trigger a second time.
- To steer rotate the wheel to the left or right.

LINKING PROCEDURE



To link the radio to the receiver:

1. Turn on the radio, then turn on the vehicle.
2. Press the “SW” button on the 2n1 ESC/Receiver unit and release. The ESC should beep, notifying you it is linked.
3. Process is complete.

TRIMS AND DUAL RATES



Throttle Trim

- If the vehicle drives forward without throttle input, rotate the throttle trim knob slightly left.
- If the vehicle drives backwards without throttle input, rotate the throttle trim knob slightly right.

Steering Trim

- If the vehicle tracks right (when viewed from behind), rotate the steering trim knob slightly left.
- If the vehicle tracks left (when viewed from behind), rotate the steering trim knob slightly right.
- Check that the servo saver screw is fully tightened to ensure that your vehicle tracks straight.

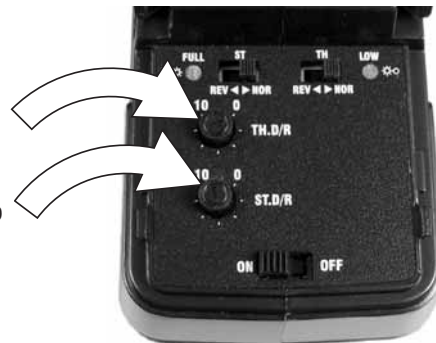
Throttle Dual Rate

- If you need to limit the maximum speed of your vehicle, rotate the "TH.D/R" knob counterclockwise. For higher top speeds, rotate the knob clockwise.

Steering Dual Rate

- If you need to limit the amount of steering your vehicle has, rotate the "ST.D/R" knob counterclockwise. For more steering, rotate the knob clockwise.

NOTE: We recommend limiting the vehicle's maximum speed for beginners and gradually increasing the top speed once you become more comfortable with the controls.



DRIVING TIPS

- Always release the trigger following a crash to prevent damage to the electronics.
- The vehicle should be operated in an open space with no people or animals nearby.
- Do not operate this vehicle in the street.
- When the battery becomes low the vehicle will start to slow down.
- Allow the battery to cool before recharging.
- Make sure to turn the vehicle, radio and monitor off after each use.
- Always unplug the battery after each use.

FPV

The FPV camera features 40 channels on bands called A, B, E, F and R. To change the channel the camera is transmitting on:

BAND	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8
A / A	5865	5845	5825	5805	5785	5765	5745	5725
B / B	5733	5752	5771	5790	5809	5828	5847	5866
E / C	5705	5685	5665	5645	5885	5905	5925	5945
F / D	5740	5760	5780	5800	5820	5840	5860	5880
R / E	5658	5695	5732	5769	5806	5843	5880	5917



A. Remove the four screws that secure the case halves together to access the camera.

B. Press the button to change channel, or press and hold for 1 second to change the band. The LED display will flash the band letter and channel number being selected.

Lines and static will increase as the vehicles distance from the monitor increases. The typical PFV range is 50-75 yards depending on how close sources of interference (Wi-Fi router etc.) are. Greater range is possible by replacing the monitor antenna with a clover leaf style such as TACZ5305.

FCC STATEMENT

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator (transmitter) and your body.

Product: Dromida D100 2.4GHz 2-channel Pistol Transmitter with RE18 2n1 Rx/ESC **FCC ID:** IYFD100 Class 1

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Product: AVX101 FPV Camera **FCC ID:** IYFAVX101 Class B

CE COMPLIANCE INFORMATION FOR THE EUROPEAN UNION

INSTRUCTIONS FOR DISPOSAL OF WASTE EQUIPMENT BY PRIVATE USERS IN THE EUROPEAN UNION:

This symbol on the product or its packaging indicates this product must not be disposed of with other household waste. Instead, it is the user's responsibility to dispose of their 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 location where you purchased the product.



DECLARATION OF CONFORMITY:

The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the RED Directive 2014/53/EU Low Voltage

Dromida D100 Transmitter and RE18 2n1 Rx/ESC

EN 60950-1:2006+A11:2009+A1:2010+A12:52011+A2:2013 EN 62311:2008

AVX101 FPV Camera

EN 62479:2010 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

The objects of the declaration described here are in conformity with the requirements of the specifications listed below, following the provisions of the European R&TTE directive 2014/53/EU:

Dromida D100 Transmitter and RE18 2n1 Rx/ESC

EN300 328 V2.1.1:2016 EN301 489-1-V2.1.1:2017 EN301 489-1 V2.1.1:2017

AVX101 FPV Camera

EN301 489-1 V2.1.1:2017-02 EN301 489-3 V2.1.1:2017-03 EN300 440 V2.1.1:2017-02



INDUSTRY CANADA NOTICE

This device complies with Industry Canada licence-exempt RSS standard(s). 1. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device." 2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ISED Radiation Exposure Statement: This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique ne dépasse pas les Rèlements sur l'interférence radio par un appareil numérique de classe B stipulées dans les Règlement sur l'interférence radio d'industrie Canada.

2. Les changements ou modifications de cette unité non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser l'équipement.

IC RF Déclaration sur la radioexposition:

Cet appareil est Conforme aux limites d'exposition de rayonnement RF ISED établies pour un environnement non contrôlé. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur

Product: DIDZ1065 AVX101 FPV Camera **IC ID:** 11104A-AVX101 **ISED RSS210**

We try very hard to have accurate and up-to-date information in this document. Any errors are unintentional.

dromida.com

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