



**USER
MANUAL**



User manual V.I.P. level system

Thank you for choosing the V.I.P. Level System. This system is the result of the expertise and dedication of our highly skilled technicians, who have crafted a product that meets the highest standards in mechanics, hydraulics and electronics.

We are immensely proud of what we offer and are committed to providing unparalleled service and support for all our products. Our team consists of specialists, each excelling in their respective fields, who work with one shared goal: to deliver maximum comfort for the user.

The V.I.P. Level System combines advanced, rugged technology with thoughtful design to ensure reliability and minimize downtime, even in the most demanding conditions. Your satisfaction and ease of use are at the heart of everything we do, and we are here to ensure your experience with our product exceeds expectations.

Thank you for trusting us to enhance your journey with precision, comfort, and durability.

Explanation of Home screen



- Battery symbol shows measured battery voltage
- Level point in level circle shows the current level, the level point can show a max 15 degrees up/down/left/right
- Level circle segments show which side of the unit is being activated.

Button	Function
AUTO up	Automatic level up
AUTO down	Automatic retract down
STOP	Stop de automatic level/retract
RIGHT up/down	Manual Right side up/down
LEFT up/down	Manual Left side up/down
FRONT up/down	Manual Front side up/down
BACK up/down	Manual Back side up/down
Level point tap 5 times	Calibrate for level and store

Calibration by tapping the levelpoint 5 times will program the system to go to that level each time. So before calibrating make sure the system is level or in the desired position before tapping the levelpoint 5 times.

How the system should be operated



- When you found a good spot to park the motorhome make sure the front of the motorhome is facing the inclination for better results.
- Check if the surface is solid and free of obstacles
- Make sure the inclination is not too much, as the system is only able to compensate for approximately 4 degrees angle
- In case of ice and snow, please clear the soil before starting the system
- Make sure the battery has enough power to operate the system as it will shut down below 11V
- Operation temperatures should be between -20 degrees Celsius and +50 degrees Celsius
- Take the key out of the ignition or put the starter button in the OFF position and make sure the manual gearbox is in gear, the handbrake is on or the automatic gearbox is placed in "P".
- Now you can use the level system to level out the motorhome by activating the control panel by tapping the panel and pushing the AUTO UP button.
The system will extract the lowest 2 jacks first and then putting the 2 jacks on the opposite direction on the ground.
When detecting the jacks are down the level process will start automatically and this whole process will take 1 to 2 minutes.
When fully levelled the circle will become green and the system will shut down to save energy after a few minutes.
- Make sure there are no persons in the vehicle when levelling
- Before driving off make sure all jacks are completely retracted, not doing this can cause damage to the vehicle and the hydraulic system.
- Don't work under the vehicle when the motorhome is lifted by the hydraulic system as it's not certified for this purpose.
- When the system is operating, make sure there are no pets or persons under the jacks. Hydraulics is very strong and can easily cause injuries.
- For maintenance contact your dealer, don't do maintenance yourself.
- Check oil level regularly, low oil level can damage the pump and failure of the system.

- Check before entering the vehicle if all jacks touch the surface

ATTENTION: This is an electro hydraulic system with pressurized fluids that might be harmful when swallowed or touching the skin. Be careful and don't work near the hydraulics which could damage the system.

Installation

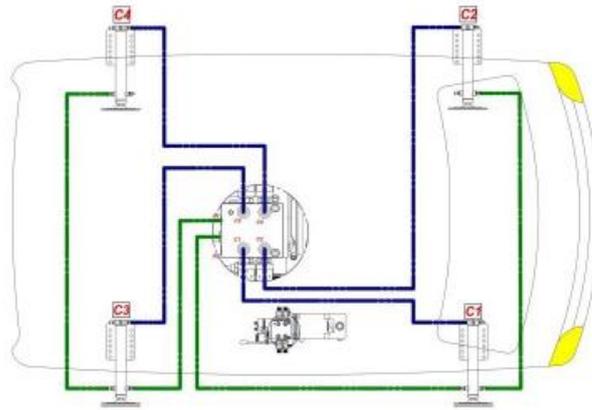
Installation should only be done by professionals, qualified and approved by Dynad Import Export BV.

Incorrect installation can cause damage to the vehicle and unsafe situations

On delivery open all boxes and check if everything is supplied. Dynad BV is only accepting “missing item” claims before installation and not after.

Hydraulics:

- C1: Front Right
- C2: Front Left
- C3: Rear Right
- C4: Rear Left
- R1: Rear return
- R2: Front return



Electrics:

- S: Relays Switch
- P: Pressure Switch
- D+: Signal from alternator when vehicle is switched ON
- V: Power

Emergency procedure

When the battery is empty or has a defect the system can be manually operated with the added manual pump.

On the top side of the valve housing there are 4 valves, one for each cylinder. When removing the cover and the ring behind the cover you're able to retract the jacks manually by screwing the cover back on and pump with the manual pump.

Always retract 2 adjacent jacks so 1 side goes down, never 2 jacks on the opposite sides to prevent damage to the vehicle.

ATTENTION: When the pump is mounted under the vehicle make sure you have enough space when the car is fully down. If you have a full air system it should be in off-road mode and additional safety measures like axle supports are recommended.

Information

To protect your automatic levelling kit and ensure a long lifespan and maximum efficiency, it is recommended to:

- Not use the system if the battery charge level is critically low.
- Not use the system on a soft surface.
- Not use the system on surfaces that are too steep. It cannot compensate for slopes greater than 4°.

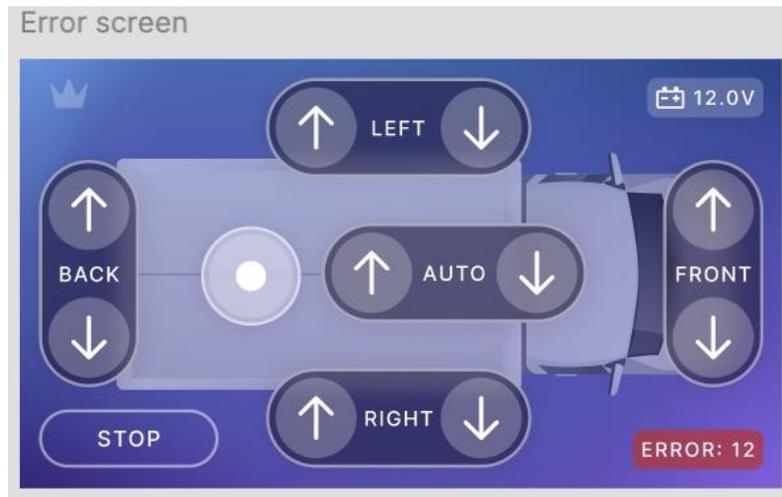
- Avoid running the system for more than 5 minutes under continuous strain to prevent overheating and damage to the electric motor.

ATTENTION: No liability is accepted for any damage in the event of:

- Incorrect use and non-compliance with the intended purposes
- Repairs not carried out at authorized service centres
- Tampering with any part of the machine
- Use of non-original spare parts and accessories
- Failure to comply with the operating instructions stated in this manual.

IN SUCH CASES, THE WARRANTY BECOMES VOID.

Errors Messages



Error (shown in right lower corner)	Meaning
1	Reserved
2	Auto level not possible (level > 15 degrees)
3	Manual level not possible (not in use yet)
4	Contact key active (stops auto retract/level)
5	Reserved
6	Battery voltage low (11.0V)
7	Timeout retracting (120s)
8	Timeout auto levelling feet descend (120s)
9	Reserved
10	Fully extended (pressure sensor)
11	Reserved
12	Reserved
13	Fully retracted (pressure sensor)
14	Motor overheating

Below is a more detailed explanation of the error messages.

1. This is a reserved digit and could be used in later versions of the software
2. The inclination of the vehicle is too large and it's recommended to add an additional piece of wood or other products to be able to lift the motorhome enough to level fully. When the auto level button is pressed again the system will start it's procedure to level the motorhome
3. To be determined
4. The system still receives a signal that the D+ is active, this is probably caused by the vehicle that the contact key or button is still in active mode.
Some vehicles have a delay in this signal and after a few minutes the system is ready to level the motorhome.
Please remove the key from the lock or set the starter button in off position
5. This is a reserved digit and could be used in later versions of the software
6. The voltage of the main battery is below 11.0V and using the system will damage the battery. Please charge or replace the battery.

7. The retraction is timed out, the retraction took too much time.
Please check for blocking of the system or the hoses and try retracting again.
8. The extension of the jacks have taken too much time.
Please check the oil level in the tank after first retracting. The level should be a few cm's from the top.
Also check the blockage of any hose or leaking.
9. This is a reserved digit and could be used in later versions of the software
10. The extension of the jacks have reached the full capacity.
If the motorhome is not level enough, please retract again and add a level pad or solid wooden plank/beam before levelling again.
11. This is a reserved digit and could be used in later versions of the software
12. This is a reserved digit and could be used in later versions of the software
13. This is a reserved digit and could be used in later versions of the software
14. Motor overheated activating the safety, let the system cool down for 30 minutes and try again.

For your nearest point of service please check our

website www.dynad.com or call us 0031226722101

Warranty form

Please fill in this warranty form when purchased the system and send a copy including a copy of the invoice from your dealer to info@dynad.com.

Full name

Address

Telephone number

Email

Remarks

EU DECLARATION OF CONFORMITY

Manufacturer:

Dynad Import Export BV
Tweede Industriestraat 12
1723 LG Noord-Scharwoude, The Netherlands

Product Name: Hydraulic Leveling System

Model Number(s): 0000100001, 0000100002, 0000100003, 0000100004

Product Description: Hydraulic system designed for levelling motorhomes and recreational vehicles (RVs).

The manufacturer hereby declares that the above-mentioned product complies with the following applicable directives and standards:

Applicable Directives:

- 2014/30/EU – Electromagnetic Compatibility (EMC) Directive

Harmonized Standards Applied:

- EN 61000-6-2:2019 – Electromagnetic Compatibility (EMC) – Immunity for Industrial Environments
- EN 61000-6-4:2019 – Electromagnetic Compatibility (EMC) – Emission Standard for Industrial Environments
- IP protection: EN60529

Additional Information:

- The product has been tested and assessed for compliance with the above directives and standards.
- The product is manufactured following good engineering practices in accordance with EU regulations.

The undersigned declares on behalf of the manufacturer that the product meets all relevant essential requirements of the applicable EU directives.

Signed for and on behalf of:

Dynad Import Export BV

Name: D.M. van Dijkhuizen

Position: Owner

Place, Date: Noord-Scharwoude, 01-02-2025

X

D.M. van Dijkhuizen
CEO

Signature:

This declaration is issued under the sole responsibility of the manufacturer.



MANUFACTURER:

Dynad Import Export BV

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1723LG Noord-Scharwoude
The Netherlands
www.dynad.com

DEALER: