

AIR FRAME POWER WHEELCHAIR

MAGNESIUM COLLECTION
MOB1125

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MOBILITY



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TABLE OF CONTENTS

Overview.....	3
Set-up Instructions.....	3
Unfold and Adjust the Wheelchair.....	4
Charge the Battery.....	8
Wheelchair Operation.....	9
Controller Functions.....	11
Removing the Battery.....	12
Folding Procedures.....	13
Additional Information and Procedures.....	13
Troubleshooting.....	15
Additional Information and Safety Warnings.....	17
Specification.....	19

AIR FRAME POWER WHEELCHAIR

OVERVIEW

This manual is designed to help you get started with your Vive Air Frame Power Wheelchair and answer any questions you might have about its operation and regular maintenance. If there is any information in this manual that is confusing, or if you require additional assistance for setup or operation, please contact service@vivehealth.com.

Make sure to read all of the instructions, warnings, and notes in this manual before attempting to operate your Motorized Wheelchair for the first time. Your safety depends on how well you follow the contents of this manual. As such, **VIVE IS NOT LIABLE FOR ANY DAMAGE AND/OR INJURIES THAT MAY OCCUR AS A RESULT OF UNSAFE OPERATION, IMPROPER USAGE, OR FAILURE TO FOLLOW THE INSTRUCTIONS, WARNINGS, NOTES, AND OTHER CONTENTS OF THIS MANUAL.**

SET-UP INSTRUCTIONS

To get started using your Vive Air Frame Power Wheelchair, you'll have to complete the following steps:

- Unfold and Adjust the Wheelchair
- Charge the battery



For video demonstration
check out vhealth.link/012

UNFOLD AND ADJUST THE WHEELCHAIR

1. Place one hand on the frame at the front of the seat and the other hand on the top of the backrest. Pull the two halves of the Wheelchair apart while lifting to unfold the Wheelchair.
2. Double check that the locking bar is firmly set in place. Push downward on this locking bar while pulling backward on the backrest to double check it's fully in place and locked. To unlock/fold the chair pull up on this bar and push on the backrest.



3. Slide your battery onto the battery port under the seat.
Note: Some models come with the battery already inserted. Next make sure the power switch is turned on. To save power on the battery turn this switch off when not in use.



4. Slide the controller arm into the controller holder slot and then tighten down the arm using the twist lock screw.



5. Insert the power cable of the joystick into the cable coming from the battery port around the back of the chair. Tighten the locking nut on the female end to firmly keep these cords together.



NOTE:

There is a hook and loop strap on the cord that you can use to attach the cord to the chair so it is not hanging free.

6. Push the button on either side of the armrest to raise the armrests up and out of the way.



7. Switch the drive levers located behind each rear wheel from manual mode to drive mode. Drive Mode will allow you to Drive the wheelchair with the joystick. Manual mode will allow you to push the wheelchair manually as the brakes will be disengaged. Note that the scooter will not drive via the joystick while in Manual mode.



8. Add the seat cushion to the chair. You will notice the chair shape and the cushion shape should line up.



CHARGE THE BATTERY

Fully charge your new battery prior to first use. This brings the battery up to about 90% of its capacity. Drain the battery completely, and fully charge it again, increasing the capacity even more. After about four (4) or five (5) drain and charge cycles, the battery will reach optimal capacity.

NOTE:

It is important to set the drive levers to drive mode and make sure your chair is powered off before charging.

1. Position the Wheelchair near a standard wall outlet.
2. Connect the 3-pin plug from the Battery Charger into the port on the underside of the controller.



3. Insert the power plug from the Battery Charger into a standard 110v AC wall outlet, the Charge Indicator on the charger will illuminate blue to show that the battery is charging. It will take approximately eight (8) to twelve (12) hours for a full charge, at which point, the Charge Indicator will turn green.

IMPORTANT:

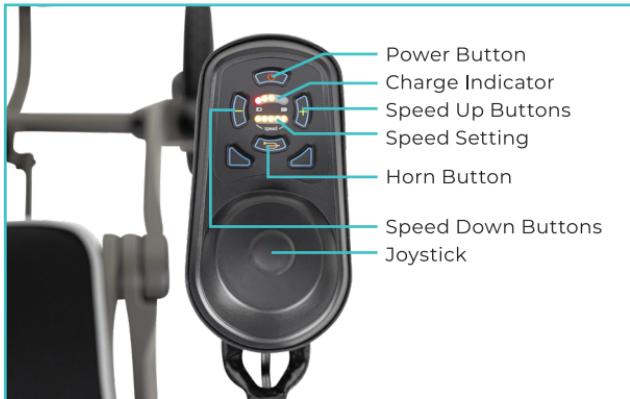
Always charge the battery using the charger included with the device. Do not use any other type of battery charger. Failure to do so will void your warranty and cause damage to the equipment.

4. Disconnect the Battery Charger. They can be stored behind the backrest or in the bag beneath the seat for convenience.

WHEELCHAIR OPERATION

5. Make sure that the power is turned off before sitting down into the chair to prevent accidental operation.
6. Always fasten the seat belt so that it is secure, but not overly tight before operating.
7. Press the  button to turn on power to the Wheelchair. The Charge Indicator will illuminate, The speed will be set to the last used setting. When operating for the first time, the speed will be set to the lowest setting.

8. Use the Joystick to operate the Wheelchair.



NOTE:

Wait until the wheelchair is powered on before moving the joystick.

We strongly recommend that you take time to practice operating your Powered Wheelchair until you become confident in how to do so safely.

- Find a large, open space and have someone present to assist you as you practice.
- Keep the Wheelchair at the lowest speed setting until your skill level with it increases.
- At first, work on operating it forward and backward to get a feel for the distances needed to stop safely.

- Once you become more skilled, practice performing "S" turns for navigating safely around obstacles.
- As you become more comfortable, practice with different speed settings. Note that the forward and backward speeds should be slightly different (backward speed should be slower).
- Do not attempt to adjust the armrests or backrest while the device is in motion.

CONTROLLER FUNCTIONS

Here is a layout of the Controller that shows all of the different components.



COMPONENT	DESCRIPTIONS
Charge Indicator	Shows the current charge level of the battery: <ul style="list-style-type: none">Red: chargingGreen: fully charged
Power Button	Turns the power to the Wheelchair on and off.
Chair Battery Charging Port	This is the port for the 3-pin connector on the Battery Charger when charging the Wheelchair battery.

Chair Battery Charging Port	This is the port for the 3-pin connector on the Battery Charger when charging the Wheelchair battery.
Horn Button	Emits a “beep” sound when pressed to alert others to your presence during operation.
Maximum Speed Setting	Shows the current maximum speed setting. This is changed using the [Speed up/down] buttons.
[Speed Up/Down] Buttons	Decreases or increases the maximum speed setting for the Wheelchair.
Joystick	Operates the Wheelchair in the direction pressed, based on the current maximum speed setting.

REMOVING THE BATTERY

The battery can be removed if desired, and stored away if the chair is not in regular use. To remove the battery, reach beneath the battery pack and pull forward on the release tab on the bottom of the battery slot. With the tab pulled forward fully, pull the battery out of the slot and release the tab.

WARNING

Vive does not recommend removing or replacing the components inside the battery housing without the help of a professional. Batteries are high voltage power sources and can be dangerous if not properly handled. Avoid contact with the battery terminals on the end of the battery, and keep the battery terminals away from metal objects to avoid risk of personal injury and damage to the battery.

FOLDING PROCEDURES

The Vive Power Wheelchair can be folded for easy storage and transportation.

1. Make sure that the power is turned off before folding to prevent accidental operation.
2. Switch the Drive Levers to manual mode.
3. Lift the Chair Lock Lever on the lower back of the chair frame to unlock the frame.
4. Grab the top of the backrest and the front of the seat and pull these parts down and together to fold the Wheelchair.

ADDITIONAL INFORMATION / PROCEDURES

Manual Mode

Use the two levers located in the rear of the wheelchair to set them to manual use mode to push the wheelchair when required. The motors will not propel the wheels in Manual Mode.

Warning

Do not operate the device in Manual Mode alone. Do not operate the device in Manual Mode while sitting in the wheelchair. Do not operate the device in Manual Mode on an incline. Failure to follow these warnings may result in injury or damage to the device.

Maintenance

The only maintenance required for your Vive Power Wheelchair is to clean it occasionally with a soft, damp cloth. Allow it to dry completely before use again. Do not use any abrasive or volatile cleaners. Do not submerge or use excessive amounts of water to clean the Wheelchair. If desired, you can use a light coat of car wax to maintain the high surface gloss.

Check the table below for the recommended intervals at which you should check the device to ensure proper form and function.

COMPONENT	DAILY (with each use)	WEEKLY	MONTHLY
Wheel Hubs			X
Drive Mechanism	X		
Joystick function	X		
Brake System	X		
Connections/Fasteners		X	
Battery	X		
Rear Tires			X
Frame integrity			X
Motors / Actuators			X
Front Wheel Assemblies			X
Cleanliness	X		

Seat / Upholstery			X
Adjustments (backrest, controller, etc)		X	

If you have any problems with your Vive Air Frame Power Wheelchair, including setup, use, or maintenance, please contact service@vivehealth.com. Don't attempt to open or repair the device by yourself. Please report to vivehealth.com if any unexpected operations or events occur.

TROUBLESHOOTING

This section includes a list of error messages and common problems you may encounter with your Vive Motorized Wheelchair. If it isn't operating like you think it should, check here before contacting service@vivehealth.com.

ERROR INDICATION	MALFUNCTION	SOLUTION
All LED lights are off, with no sound	The power is off or in standby, and the power cord is in poor contact.	Check if the power plug is disconnected.
All LED lights are on	The power supply is turned on and the power on self-test passes. The product can be used normally.	
The leftmost red LED is on and the voice alarm	There is an extremely low power supply.	Charge the low battery or replace it.

Two long after two short sounds	The left motor has failed.	Check whether the left motor connector is plugged in and the connection is good.
Four long after two short sounds	The right motor has failed.	Check whether the right motor connector is plugged in and the connection is good.
Six long after two short sounds	The controller is displaying an over-current status.	Just after a heavy load, check whether the vehicle exceeds the rated load, then turn it off and restart.
Seven long after two short sounds	There is a joystick problem.	When the controller switch is turned on, whether to release the joystick and put the joystick in the center position. After turning the joystick, turn off and on again.
Eight long after two short sounds	The controller is faulty	Replace the controller
Nine long after two short sounds	The controller is faulty	Replace the controller

ADDITIONAL INFORMATION AND SAFETY WARNINGS

- The maximum weight capacity is 265 lb. (120kg), The Wheelchair is intended only for one user at a time. Do not carry passengers.
- Please do not operate the Wheelchair while excessively tired or under the influence of alcohol.
- Do not operate the Wheelchair at night or in low visibility.
- The Wheelchair is not waterproof. Do not operate in rain or snowy conditions.
- While the Wheelchair is designed for use indoors and outdoors, it is not intended for use in extreme terrains or on unsafe surfaces. Do not operate in muddy, rugged, soft, narrow, or icy conditions. Do not operate on unfinished road without guardrails. When encountering grooves or other similar obstacles, decelerate and cross the obstacle slowly.
- The Wheelchair can safely climb or descend a maximum slope of 6°. Riding the wheelchair up or down a greater incline can make it unstable and potentially tip over, resulting in injury and damage to the device. Always ride the device straight up or down an incline to reduce the risk of slipping or tipping over.
- Avoid driving in crowds or places with heavy traffic as much as possible.
- Always sit as straight up as possible with head backward, using the backrest in case of bumps in the road, which may cause a loss of control.

- Always start operation at the lowest speed setting and adjust it as desired once determining that it is safe to do so.
- Do not operate in excessively damp environments. Direct or prolonged exposure to water or dampness could cause the Wheelchair to malfunction and/or components to corrode.
- Electrical devices like the Powered Wheelchair may be affected by Electromagnetic Interference (EMI) or Radio Frequency Interference (RFI) which can be produced by radio stations, TV stations, or other powerful telecommunication transmitters. If you operate the device within the interference range of such transmitters, it may cease function or move erratically. If unintended motion occurs due to EMI/RFI, immediately turn the wheelchair off. Attempting to operate the Wheelchair under such conditions can result in personal injury or equipment damage.

SPECIFICATIONS

The Vive Powered Wheelchair and Battery Charger complies with GB/T 18029.21 Wheelchair - Part 21: Requirements and test methods for electromagnetic compatibility of power wheelchairs, electric scooters, and battery chargers.

- Max speed: 6km/h
- Max distance: 16KM
- Loading capacity: 120kg
- Motor: BLDC Motor 24V150W*2
- Weight: 19.5kg- with the battery
- Seat height: 20.75" to the ground
- Battery: 24V12AH*1 - weight 1.8kg
- Overall Dimension: 40.5" * 23.75" * 37"
- Folded Dimension: 14.25" * 23.75" * 31.3"
- Braking Distance on horizontal road: ≤1000 mm
- Minimum Turning Radius: <1200mm
- Maximum Slope: 6°
- Motor Model: 24V/150W
- Lithium Battery Specification: 24V/12Ah
- Maximum Output Current of Controller: 35A
- Maximum Output Current of Charger: 2A

WARNING

No modification of this equipment from its original specifications is allowed.



HAVE MORE QUESTIONS?

Check out our list of Frequently Asked Questions at vhealth.link/zpp for helpful answers.



And if that doesn't answer your question, our customer service team would love to help! Feel free to connect with them by phone, e-mail, or chat on our website

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