



MONACO

Model S-777NA

USER MANUAL

*Nithsdale
Wheelchairs*

*Please ensure this manual is read and understood
before using the scooter.*

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INTRODUCTION

Congratulations on your purchase of the Invamed Monaco scooter. This scooter incorporates the latest innovative designs having articulating front wheels. This gives the stability of a four-wheeled scooter with the manoeuvrability of a three-wheeled scooter. The Invamed Monaco can be used in confined spaces both indoors and out. Direct drive rear transaxles and electromagnetic brakes give a safe and efficient ride. The Invamed Monaco is designed for those persons with limited mobility.

FEATURE GUIDE (Fig. 1)

1. Tiller control head.
2. Detachable swivel seat with fold down back.
3. Detachable basket.
4. Detachable cover with integral battery pack.
5. Tiller angle adjustment.
6. Seat height adjustment.
7. Anti tip wheels.
8. Puncture proof tyres.
9. Adjustable width arms
10. Sliding seat adjustment.



Fig. 1.

SAFETY ADVICE

DO...

1. Read the owner's manual before driving.
2. Turn the key to off when getting on or off the scooter.
3. Select a slow speed when going down steep gradients.
4. Keep your feet on the scooter when moving.
5. Ensure the seat is in a fixed position before driving.
6. Make allowances for pedestrians by driving in a controlled manner.
7. Ensure before starting the batteries are fully charged.
8. Follow the maintenance schedule. Nithsdale Wheelchairs
9. Consult your doctor if there is any doubt about your ability to use a scooter.
10. Transfer to a vehicle seat from the scooter when travelling in a moving vehicle. *Invamed are not responsible for damage or injury incurred due to improper or misuse of their scooters.*

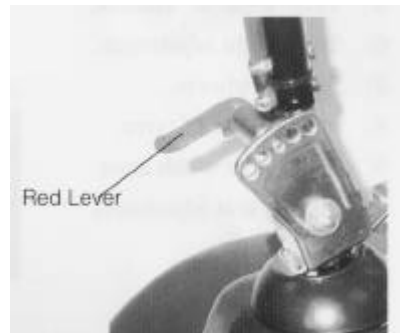
DO NOT...

1. Carry any passengers.
2. Exceed inclines over 120
3. Turn on steep inclines.
4. Turn suddenly at maximum speed.
5. Switch off the scooter when moving.
6. Use the scooter where you cannot safely or legally walk.
7. Attempt to climb kerbs.
8. Drink and drive, or use a mobile phone.
9. Exceed the maximum user weight of 115Kgs (18st.)
10. Ride through deep water or on soft terrain.
11. Sit on the scooter when in a moving vehicle.
12. Use parts or accessories other than those supplied through an Invamed dealer.
13. Travel on the road except when crossing between pavements.
14. Allow the scooter to be exposed to heavy rain.
15. Use any other type of battery charger.

ADJUSTMENTS

Tiller Angle Adjustment (Fig. 2)

On the left hand side at the base of the tiller is a red lever. Push the lever in to release the pin and select the required tiller angle. Refit the pin into one of the five location holes



Seat Slide adjustment (Fig. 3)

Pulling up on the lever allows the seat position to be adjusted forward or backward. Release the lever and the seat will lock in that position.

Seat Swivel Adjustment (Fig. 3)

Under the right side of the seat there is a spring loaded red lever. Pulling up on the lever allows the seat to swivel, when released the seat will lock into one of 4 positions.

Armrest Width adjustments (Fig. 3)

On the underside of the seat there are two hand knobs, one either side. Releasing the hand knob allows the arms to be adjusted to the required width, or removed for transportation.

Armrest Angle adjustment (Fig. 4)

Flip up the armrests to allow access to the adjustment screw and lock nut, unscrew the lock nut and screw the bolt in or out to increase or decrease the angle. Re-tighten the lock-nut.

Seat Height Adjustments (Fig. 5)

The seat height can be adjusted by inserting the steel locking pin into the required hole.

Seat Removal

Remove the hand-knob and clip that secures the seat adaptor. Lift the seat adaptor out of the seat post (Fig. 5).

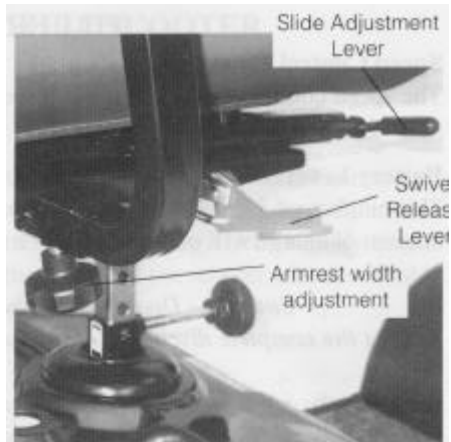


Fig. 3



Fig. 4

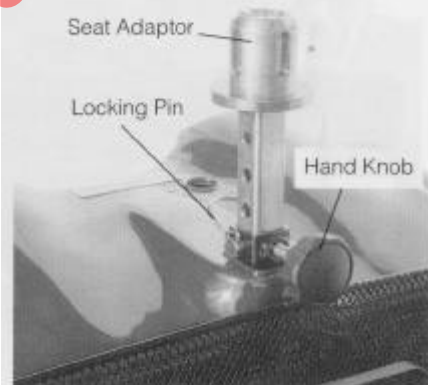


Fig. 5

TILLER CONTROLS

Speed control

The speed control allows you to set a speed between 1 (minimum) and 10 (maximum).

Battery Level Indicator

The number of LED bars lit shows the amount of charge left in your batteries. The amount of charge will only show at its true level when the scooter is in drive.

Caution –Do not allow the LED bars to go out completely as the complete discharge of the batteries could cause irreversible damage.

Key Switch

Insert the key in to the right side of the tiller control (*Fig. 6*). Turn the key and the LED bars will light up. There is a delay before the thumb lever control can be operated, while the controller is checking the circuits.

Horn

Press the yellow horn button to sound the horn.

Thumb Lever Controls

Located at the rear of the tiller (*Fig. 6*). The left thumb lever controls the reverse and the right thumb lever controls the forward motion. The amount of pressure applied to each lever will determine the speed the scooter will travel at. Release the lever and the scooter will slowly come to a stop and the magnetic brake will be applied.

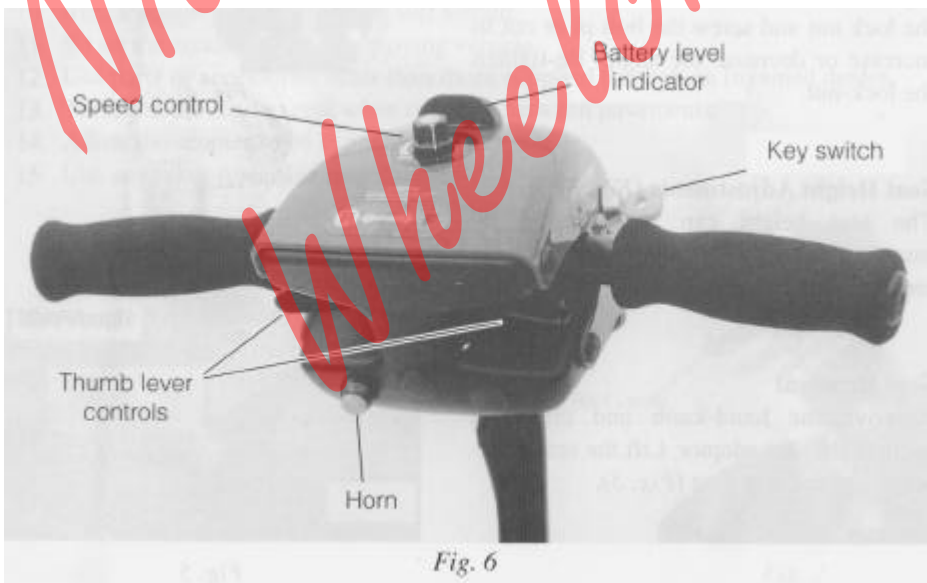


Fig. 6

STARTING TO DRIVE YOUR SCOOTER

Getting started

Select a level area with plenty of space.

Moving Off

Ensure that you are seated comfortably. Turn the key to the on position. Your speed setting should be on 1 or 2. Press your right thumb lever, the scooter will move forward slowly. The harder you press the faster the scooter will go but will only reach the speed level that has been selected. Release the lever and the scooter will decelerate before the magnetic brakes are automatically applied.

Steering

Steering the scooter is light and easy. Ensure when starting out with the scooter you give a wide clearance when turning so that the rear wheels clear any obstacle that you are passing. When steering through limited space or negotiating corners, turn the tiller handles in the direction that you want to go and apply power gently. The scooter can turn very tightly with complete stability.

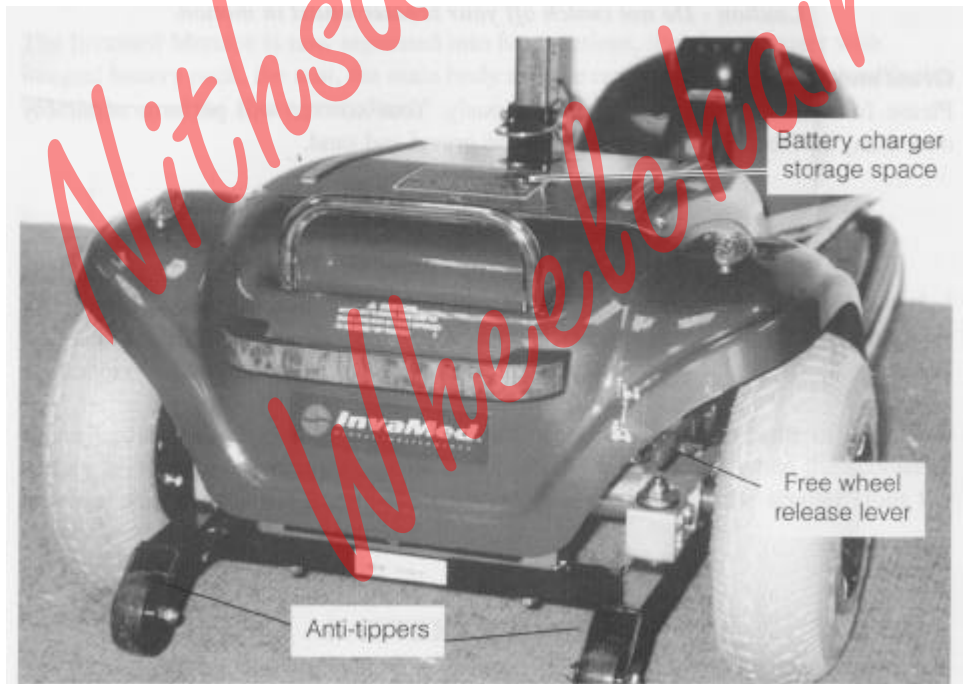


Fig. 7

Reversing

Before reversing ensure that the area behind is free from any hazards or obstructions. Adjust your speed setting to a low setting before you reverse. Pull the left finger lever, and steer wide of all corners and obstacles.

Dismounting

Before dismounting ensure that the key is turned to the off position.

Caution: Please ensure that care is exercised when entering or leaving the scooter and that the tiller is not used for support

EXTRA GUIDE LINES IN THE CONTROL OF YOUR SCOOTER

Ramps

The stability of your Invamed Monaco scooter is governed by several factors such as the seating position, the angle of the slope and your height and weight. When approaching an incline, do so directly and not at an angle and wherever possible avoid making turns.

Caution Do not switch off your scooter whilst in motion.

Grass and Gravel

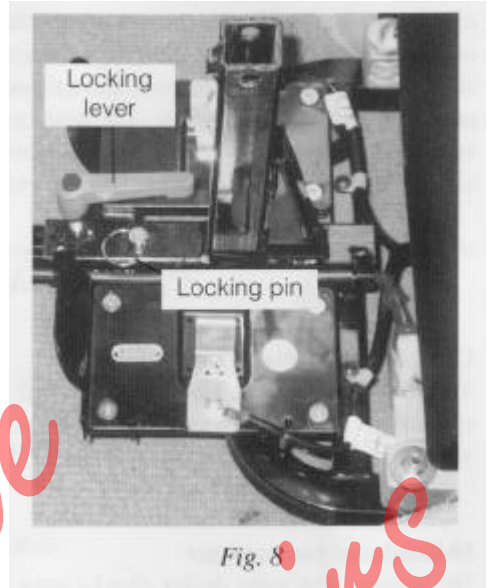
Please follow the guidelines given previously. Your scooter will perform admirably over many surfaces. Avoid long grass, loose gravel and sand.

TRANSPORT AND STORAGE

The scooters are designed to dismantle into separate sections for transportation and storage.

Dismantling

1. **Fold down the back of the seat.**
2. Pull up on the red lever under the seat and at the same time lift and twist the seat off.
3. Remove the hand-knob and clip that secures the seat adaptor. Lift the seat adaptor out of the seat post (*Fig. 5*).
4. Lift off the rear chassis cover with the built in battery pack using the handles.
5. Remove the locking pin and release the locking lever. Separate the rear drive unit (*Fig. 8*).
6. Lower the tiller to its lowest level on the front chassis.



The Invamed Monaco is now separated into four sections, the chassis cover with integral battery pack, the seat, the main body and the rear drive unit. To reassemble the scooter, reverse the above procedure.

BATTERIES

FULLY CHARGE YOUR NEW BATTERIES BEFORE USE.

The Invamed Monaco is supplied with two maintenance free 12 Amp, 12 Volt sealed lead acid batteries. Performance of the batteries increases to reach their top level after a number of battery charging cycles have been completed.

Battery performance can be affected by temperature, terrain, weight of user. The battery level indicator is only a guide and can only be effective when the scooter is moving, only then is the true discharge level displayed. When the scooter stops the battery level indicator may return to full.

BATTERY CHARGER

The battery charger supplied with your Invamed Monaco should only be used with this product and is only suitable for indoor use.

CHARGING

Remove the battery charger from the rear compartment. Plug the 'Jack' plug into the charger socket inside the charger compartment. Plug the three pin plug into the mains and switch on. A red light illuminates whilst charging. When charging is complete, the light changes to green. Depending on the amount of battery discharge, the charge time can take from 8 to 12 hours. The battery charger has an electronic switch that will terminate the charge when the batteries are fully charged. Do not turn off the battery charger until the charging cycle is complete.

CARE & MAINTENANCE

Cleaning your scooter

The shrouds and seat should be cleaned using a damp cloth. Do not use abrasive cleaners or solvents as these will cause damage to the plastics. Do not spray water onto your scooter as this may cause damage to the electrical components.

Maintaining your scooter

We suggest that your dealer checks your scooter once a year. It is good practice to check the following items on a weekly basis.

- Check tyres are in good condition.
- Check wheels spin freely.
- Check moving parts, pivots and frame fixings for any signs of wear or damage.
- Check hand knobs are secure.

An authorised Invamed scooter dealer must carry out repairs and the fitting of replacement parts.

TROUBLE SHOOTING GUIDE

Circuit Breaker

Your scooter is fitted with the latest in electronic controls that are programmed to protect the system from abnormal electrical overloads. Fitted for extra protection is a circuit breaker. Should there be a situation where your scooter stops for no apparent reason, please check that the circuit breaker has not popped out. The circuit breaker can be found under the rear chassis cover at the side of the black control box and can be reset by pressing the red button.

Fuses

Located above the circuit breaker on the control box is an in-line fuse which protects the wiring circuits.

Check List

If your scooter does not operate, please check the following.

- Unit is switched on.
- All plugs and connectors are firmly fixed.
- Connection points for batteries are not dirty.
- Battery level shows full charge.
- Freewheeling device is in the drive position.

Please consult your dealer if your scooter does not run after checking these points.

MONACO TECHNICAL SPECIFICATIONS

Length (inc. anti-tip wheel)	1070cm (42'')	Battery	2 x 12A/h sealed lead acid
Width	61.5 cm (24')		Deep cycle 12V
Height total	90 cm (35'')	Battery Charger	240V - 24V, 0.7A
Weight capacity	115kg (18st)	Safe climbing angle	12° (21%)
Total weight	50kg (110lb)	Range	16km (10miles)
Weight without batteries	30kg (66.2lb)	Turning radius	92 cm (36'')
Heaviest part	17.2 kg (38lb)		

Passenger weight, ground conditions, temperature and battery condition can affect distance of travel.

WARRANTY

The INVAMED MONACO is guaranteed for one year from the date of purchase. The warranty is not transferable. The guarantee excludes tyres and all items that have been subject to undue wear and tear or misuse. Changes or modifications undertaken without the written authority of INVAMED / RMA will invalidate the warranty.