

USER MANUAL

Melody 3 Platform Lift

Original instructions



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INTRODUCTION

Thank you for choosing the Melody 3 Lift, designed and manufactured in the U.K. using the latest technology by Terry Group Ltd. We want you to get the most out of your Melody 3 Lift and to help in this aim we have produced this small booklet on operation and maintenance of the equipment, which we hope you will find helpful.

It is hoped that any queries you may have during day to day operation will be answered in the text, but if you do have any problems, technical assistance is only a phone call away.

We hope our product gives you many years of reliable service.

Peter Morrey

Managing Director

DESCRIPTION

The Melody 3 is a hydraulically operated platform lift capable of lifting loads of 500kg up to 2000mm, 440kg 2001mm to 3000mm between fixed floors.

Designed and manufactured in accordance with BS6440:2011, the Melody 3 is suitable for use by person(s) with impaired mobility in both public and domestic locations. The Melody 3 standard features include integrated carriage ramp, direct acting hydraulic drive system and no support tower to the side of the lift.

Special consideration has also been given to the location and dimensions of the controls allowing safe and unaided use by person(s) with impaired mobility whether standing or in a wheelchair. A control station is provided on the platform and at the upper & lower floor levels.

Domestic Access Lifts

If a change of use of the lift is required, this should be discussed with the manufacturer/supplier as certain alterations may be needed.

Examples of changes of use are:

- a) change of type, size and/or weight of wheelchair;
- b) change of user disability;
- c) change of user;
- d) removal of the lift and reinstallation at another site;
- e) change of duty cycle.

All changes of use should entail a review of the installation.

GENERAL DO'S AND DON'TS

- Never switch off the power supply to the lift, even when you go away. The lift control circuits are fed by a battery, which must be kept on constant charge.
- If your lift is fitted with a manual gate, always close it after use.
- Never allow children to play in, under or around the lift.
- Ensure that the area under the lift is kept clear. The undercar surface is fitted with sensors, which automatically stop the lift if it strikes an object.
- Do not exceed the lift's 500kg (up to 2000mm) - 440kg (over 2001mm - 3000mm) lifting capacity.
- Do not lean over the car sides or gate when the lift is in motion.
- Always treat your lift with the respect that should be shown to electrical and mechanical equipment.

CONTROLS

Call stations are provided at each level and contain separate illuminated green UP and DOWN buttons and one blue GATE RELEASE button.

The carriage control station is provided with separate UP and DOWN buttons and a GATE button.

The CALL, UP and DOWN buttons are 'constant pressure', meaning they need to be pressed continuously for the lift platform to move. If the button is released during travel, the lift will stop.

When the lift arrives at either level, the gate will unlock. If a powered gate is fitted, it will unlock and open. When the lift is stationary at either level, access can be gained by pressing the blue GATE release button.

SECURITY OPTIONS

For the 'radio isolate' option, you will have a small remote transmitter keyfob. If the lift is off, press the large button on the fob and the call station control buttons will illuminate. The lift will stay on until you press the fob again.

For the 'radio enable' option you will have a small remote transmitter keyfob as above, but by pressing the large button on the fob, the lift will be enabled for approximately 5 minutes

LIFT OPERATION

Enable the call station by one of the methods described above.

Call the lift by pressing and holding the appropriate CALL button and wait for it to stop at the associated level.

When the lift arrives at either level, the gate will automatically unlock. If a powered gate is fitted, it will unlock and open. By pressing and releasing the blue GATE button when the lift is stationary at either level, the gate will unlock and re-lock after an adjustable delay, which can be set by an approved lift engineer. If a powered gate is fitted, it will unlock and open. The powered gate will auto-close and lock after an adjustable delay, which can be set by an approved engineer.

Open the gate, wheel or step onto the platform and ensure the gate is closed. Failure to close the gate renders the lift inoperable.

Press and hold the UP or DOWN button as appropriate. After a delay, the lift will start to move. If the lift does not start to move after three seconds, check that the gate is fully closed and try again.

SAFETY CHECKS

As a precautionary measure it is advised that you check the safety features built into the lift on a weekly basis. The tests are to be carried out as follows:-

Safe Edges:

- Underpan - With the lift at the upper level send the lift down and once it is moving obstruct the underneath of the platform, the lift should stop.
- Guide - With the lift at the lower level send the lift up and once it is moving de-press each guide safe edge in turn ensuring the lift stops each time.

Gates:

- Check the lift does not travel when open
- Check the gates will not open when lift travels

Powered gates - when the gate is opening or closing, place an obstacle in its path. The gate should stop and reverse its direction and then stop.

MAINTENANCE & SERVICING

Provided the operating instructions are observed the lift will give many years of trouble free service. Terry Group Ltd. can quote for servicing on request.

Dependent on frequency of use, this lifting platform should be serviced at least every 6 months. This service should be conducted by competent persons trained in the service and repair of the product.

If a lifting platform is to be installed in an adverse environment, the specifier and supplier shall determine the measures needed to ensure that safe operations are achieved including more regular service intervals.

Note: Adverse environments are those that could affect safe operation. Examples include; the effects of humidity, atmospheric pollution, solar radiation, swimming pool environs (this product is not suitable for use in chlorinated environments), extreme temperatures, etc.

If in any doubt about the operation of the lift please contact the installation company for advice.

EMERGENCY LOWERING PROCEDURE

- In the event of mains failure the battery back-up system will allow normal operation in the down direction without loss of any safety features. Mains supply should be re-instated as soon as possible.
- In the unlikely event of a mechanical / electrical failure the lift can be lowered by the following method: -

Remove screw with safety key provided then rotate the cover (located on the front of the power pack).

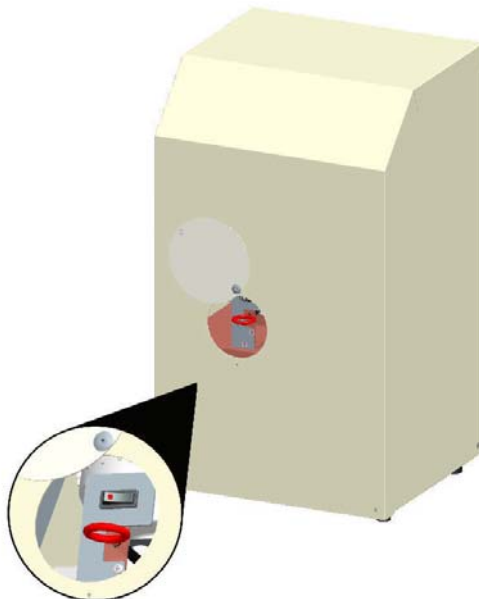
Turn off the illuminated rocker switch.

Ensure that there are no people or obstructions under the lift. When this process is undertaken the lift will descend under its own weight and will crush any people or items that may be under the platform causing damage to the lift.

Pull and hold the pull cord to lower platform.

The platform will descend so long as the pull cord

Rocker Switch
and
Emergency
Pull Cord



EMERGENCY LOWERING (Continued)

IMPORTANT!

If the power pack is in sight of the lift, the emergency lowering procedure may be conducted by a single person.

If the power pack is out of sight of the lift, two people are required to conduct the lowering procedure, who are in communication with each other. One person must remain at the lift ensuring the area under the platform remains clear (the lower safety surface will be inoperable). The other person can then lower the platform from the power pack

To release the carriage gate remove the grommet from the gate lock cover, insert the key provided and turn in a clockwise direction.

FAULT FINDING

The most likely cause of non-operation of your lift is the gates not being fully closed or an obstruction operating the underpan safety switches.

If any faults occur it may be one of the following: -

Fault	Cause	Remedy
Car will not go up or down	Gate not shut properly	Shut gate
Car will not go up or down with gates shut	Safe edge obstructed	Remove obstruction
Car will not go up or down Gates will not operate	Fuse blown	Call engineer
The powered gate has stopped part-way through its travel	The software may have timed-out after sensing an obstacle	Press the blue GATE button. If the gate does not operate, manually close the gate and press the gate button again to test powered operation.

SERVICE HISTORY RECORD

An entry should be added to the following table every time the lift is serviced

Date	Engineer	Company	Comments

DECLARATION OF CONFORMITY



Lift Type: MELODY 3 LIFT

TERRY GROUP Ltd. declares that this lift fulfils all the relevant provisions of the following Directives:

2004/108/EEC	EMC Specifications
2006/42/EC	Machinery Directive

This lift also fulfils all the relevant provisions of the following Standards:

BSEN 12015:2004	Electromagnetic Compatibility. Product family standard for lifts, escalators and moving walks. Emission.
BSEN 12016:2004 +A1:2008	Electromagnetic Compatibility. Product family standard for lifts, escalators and moving walks. Immunity.
BS6440:2011	Powered lifting platforms for use by disabled persons

Person authorised to compile Technical File:

Greg Gnyp, Terry Group Ltd, Longridge Trading Estate, Knutsford, Cheshire, Wa16 8PR

This declaration was completed at Terry Group, Knutsford, Cheshire, in September 2011.

This compliance is only valid if the installation test Certificate has been completed and signed by a competent lift engineer which confirms that it has been installed to the latest installation instructions.

TERRY GROUP Ltd.

A handwritten signature in black ink, appearing to read 'P. Morrey', written over a horizontal line.

P.Morrey (Managing Director)

LIFT SPECIFICATION

Address of manufacturer:-

Terry Group Ltd.

Unit 1 Longridge Trading

Estate

Knutsford

Cheshire

England

WA16 8PR

Lift serial No:

Year of manufacture:

Safe working load

500kg (up to 2000mm)

440kg (2001mm - 3000mm)

Maximum travel

3 metres

Rated speed

0.06 m/s

Power supply

Dedicated 220/240V ~ 50/60 Hz

13A single phase supply (max)

Dedicated RCD Protected
supply to BS7671

Control voltage

12V DC

Hydraulic oil grade

T22

Temperature range

-10°C to +40°C

Safety

Underpan to protect under
surface of lift

Hose burst protection valve

Lifting mechanism

Direct acting hydraulic cylinder
and chain drive

Standards

Designed and Manufactured to
BS 6440

For technical help,
sales or service enquiry telephone:



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