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Ref: ED20500b

# USER MANUAL

## Melody 2 Platform Lift

Original instructions



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## LIFT SPECIFICATION

Address of manufacturer:-			
Terry Group Ltd.			
Unit 1 Longridge Trading			
Estate			
Knutsford			
Cheshire			
England			
WA16 8PR			
Lift serial No:	<input type="text"/>	Year of manufacture:	<input type="text"/>
Safe working load	500kg (78 stone)		
Maximum travel (public access)	2 metres		
Rated speed	0.08 m/s		
Power supply	Dedicated 220/240V ~ 50/60 Hz 13A single phase supply (max) Dedicated RCD Protected supply		
Control voltage	12V DC		
Hydraulic oil grade	T22		
Temperature range	-5°C to +40°C		
Safety	Underpan to protect under surface of lift		
Lifting mechanism	Direct acting hydraulic cylinder and chain drive		
Standards	Designed and Manufactured to BS 6440		

# DECLARATION OF CONFORMITY



Lift Type: MELODY 2 LIFT

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

2004/108/EEC	EMC Specifications
2006/95/EEC	Low Voltage Directive
2006/42/EC	Machinery Directive

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

BSEN 55014-1:2006	Electromagnetic Compatibility (EMC)
BSEN 55011:2007	Electromagnetic Compatibility (EMC)
BSEN 61000 series	Electromagnetic Compatibility (EMC)
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, on 29 December 2009.

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.

P.Morrey (Managing Director)

# INTRODUCTION

Thank you for choosing the Melody 2 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 2 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 2 is a hydraulically operated platform lift capable of lifting loads of 500kg up to 2 metres between fixed floors. In purely private domestic situations increased travel distances up to 3 metres are available.

Designed and manufactured in accordance with ISO/9386-1:1999(E), the Melody 2 is suitable for use by person with impaired mobility in both public and domestic locations. The Melody 2 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 controls allowing safe and unaided use by person(s) with impaired mobility whether standing or 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 homelift 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.
- 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 78 stone (500kg) lifting capacity.
- Do not lean over the car sides or gate when 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, a GATE button and an ALARM 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 is automatically unlocked for access. By pressing and releasing the GATE RELEASE button when stationary at either level the gate will unlock for access operate for a 10 Seconds. This time can be altered by an approved lift engineer.

## SERVICE HISTORY RECORD

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

Date	Engineer	Company	Comments

## 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

## 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: -

<b>Fault</b>	<b>Cause</b>	<b>Remedy</b>
Car will not go up or down	Gate not shut properly	Shut gate
Car will not go up or down gates shut	Threshold angle caught	Remove obstruction
Car will not go up or down Gates will not operate	Fuse blown	Call engineer

## 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' 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 and stops at either level, the gate will automatically unlock for 10 seconds and then it will re-lock. To unlock it after it has re-locked, press and release the GATE RELEASE button.

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 three second 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

## 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 doubts 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 power pack).**

**Turn off the illuminated Rocker Switch.**

**Ensure that there are no obstructions under the lift as when this process is undertaken the lift will descend under its own weight and will crush any items under the lift and in the process cause damage to the lift.**

**Pull and hold the metal ring to lower platform.**

**The platform will descend so long as the ring continues to be pulled.**

Rocker Switch  
and  
Emergency  
Lowering Ring

