



# Disabled Stair Platform User guide Model YT 225

## Attention!

In case of a possible error or failure, please read page 9, section 6.  
If the fault persists, contact the authorized technical service.

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## YT 225 MODEL INSTRUCTIONS FOR USE OF THE DISABLED PLATFORM

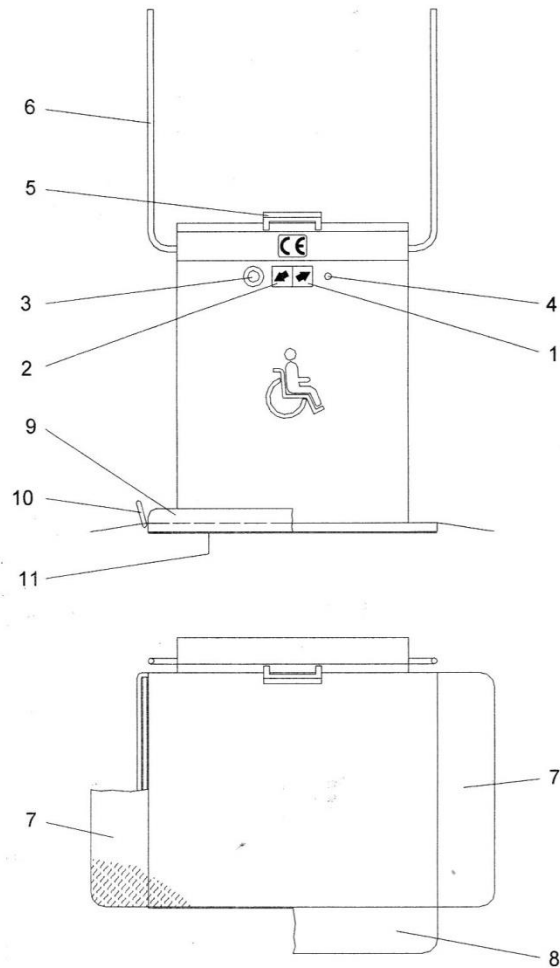
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### **!ATTENTION!**



**Before using the platform, be sure to read the operating instructions.  
Make sure the people who will use the platform read this instruction.**

## 1. Schematic Description of the Platform



Position	Description
1	Up Command Button
2	Down Command Button
3	Emergency Stop Button
4	Emergency Stop Button (optional)
5	Handle
6	Safety Barrier
7	Direction Safety Flap
8	Side Safety Flap (optional)
9	Side Safety Trim
10	Landing Direction Handle (optional)
11	Floor Protection (optional)

## **2. Usage Area According to Features**

YT 225 Model stair platform is a steady system in place, and disabled people can use it horizontally over the stairs;

- standing
- or
- a wheelchair on the platform

Allows them to transition between stops.

Even though the YT 225 model stair platform is equipped with the necessary safety measures, it is necessary to read the user manual in detail and pay attention to the **Safety Instructions** for a healthy and safe use.

The platform has been designed with the primary safety of users in mind. For this reason, subsequent modifications by the user may damage the platform as well as endanger to safe use.

It is recommended to keep the instruction manual close to the platform so that users can refer to it when necessary.

It is dangerous and prejudicial to use the stair platform in places where there is a risk of fire and explosion.

### **Performance**

Improper use may adversely affect the performance of the stair platform, as well as cause damage and malfunction.

### **3. General Description**

The product not only provides convenience in stair passages, but also allows the platform rails to be used as handrails at the same time. If desired, it is possible to manufacture in all RAL colors to make it look more compatible with the environment in which it will be used.

#### **Standard features of the platform:**

Maximum Carrying Capacity	: 225 kg.
Speed	: 0,15 meter / second (9 meters in 1 minute)
Manner of Work	: With gear wheel on rack
Operating Noise Level	: < 70 dB (A)
Working Principle	: With reel on rail
Propulsion	: With electric motor
Folding Seat	: Available
Companion Hand Controller	: Available

The rails are manufactured from NIRO steel pipe, in the form of gear rails, allowing both floor and wall mounting.

The safety device on the platform prevents the platform from slipping in case of a possible malfunction in the drive mechanism.

#### 4. Safety Instructions

**!Attention!** Although your platform is equipped with upper safety devices, be sure to read the safety instructions that follow.

Used Symbols:



1)



2)



3)

The used symbols have the following meanings::

- 1) Indicates a warning that the maximum carrying capacity has been exceeded.
- 2) Indicates threats of danger to persons or material damage in case of non-compliance.
- 3) Indicates instruction or attached descriptions.



After fully reading the operating instructions of the platform, start it and follow the instructions.



Never exceed the maximum accepted carrying capacity.



Do not allow unclaimed and unlawful use. (Ex. Do not allow to children to play with the platform)



Never use the platform in case of fire.



Keep away loose pieces of clothing hanging off the rails while riding.



Do not hang the arms over the barriers while driving.




Keep your hands away from the rails while driving.



The place where the platform is located and the navigation route must be sufficiently illuminated by daylight or electricity.

 Position the wheelchair on the platform, in the direction of travel so you can see the travel route in the direction of travel.


 The platform is designed to carry one person.

 Even when the platform is stationary, do not insert or pour solid or liquid materials through the holes or gaps on the platform.

 Do not disassemble, deform or force any part of the platform.

 Do not try to forcefully open or close the safety barriers while driving.


 In case of any obstacle or material on the travel route, immediately stop the movement of the platform.

 Do not remove any signage of the platform.


 Leave the repair work to the authorized technical personnel.


 Do not hang your body or wheelchair parts from the platform.


 Do not use the platform in areas where there is a danger of explosion.

 Avoid unnecessary movements such as jumping or swinging on the platform.

 Indoors or outdoors avoid short-term or continuous puddles on the platform.

 In case of contamination, clean the platform with household cleaning materials, stainless steel cleaner or a damp cloth and never use pressurized water.

 The platform must be maintained by an authorized personnel at least once a year.

 Installing an Emergency Call system on the platform (cordless phone, Mobile phone) is recommended by the manufacturer (See Options)

## **5. Activation**

### **5.1 Electricity**

#### **5.1.1 Main Switch**



On the platform operating with direct current, the main switch is located on the carrier unit. By turning the switch to the -0- position, the electricity connection to the platform is cut off.

#### **5.1.2. Electricity Supply**



In the YT 225 model stair platform working with direct current, the electricity supply is transmitted to the drive system by means of the batteries in the carrier unit. In order for the platform batteries to be charged, the DC mains voltage at the charging points must be constantly connected. In case of problems related to mains supply, never go to repair yourself and leave the job to experts.

### **5.2 Platform Controls**

There are the following controls on the external controller modules:

- A) Button                      Function “**UP**” and “**DOWN**” driving
- B) Button                      Function PLATFORM “**ON**” and “**OFF**”
- C) Ignition Key                Function “**ON**” and “**OFF**”

The following controls are available on the carrier unit:

- D) Button                      Function “**UP**” and “**DOWN**” driving.                      (Page 2)
- E) Red Button                Function “**EMERGENCY STOP**”                      (Page 2)

### **5.3 Calling and Sending the Platform**

It is possible to call the YT225 model stair platform from all stops or send it to another station from the current station. For this operation, turn the ignition switch on the external control to the “**ON**” position and follow the procedures below:

***Calling / Sending the Platform from the upper station to the lower station***



***Down Button*** – Keep the button pressed, the platform will start to move in the desired direction after a few seconds of waiting.

***Calling / Sending the Platform from the lower station to the upper station***



***Up Button*** – Keep the button pressed, the platform will start to move in the desired direction after a few seconds of waiting.



## 5.4 Moving the Barriers and the Base of the Platform

The safety barriers of the stair platform, the movements of the platform base are automatic (electromechanical) and the following commands must be applied.:

LOCATION: Lower Station



Open the platform base by pressing the button continuously. Both safety barriers will rise as the platform base is opened.

LOCATION: Upper Station



Open the platform base by pressing the button continuously. Both safety barriers will rise as the platform base is opened.

After the movements are completed, turn the ignition key to the “OFF” position and remove the key and get on the platform.

## 5.5 Driving the Platform

LOCATION: Lower Station



Keep the **(Up)** button pressed continuously. The barriers will close and the platform will start to move upwards. At the top stop, only the barrier in the landing direction opens.

LOCATION: Upper Station



Press and hold the **(Down)** button continuously. The barrier in the boarding direction will close and the platform will start to move down. Both barriers open at the lower stop. After the movement is complete, release the button and leave the platform.

## 5.6 Bringing the Platform to the Park Position

Turn the ignition switch on the external controller to the “ON” position after leaving the platform.

LOCATION: Lower Station



(Closing the platform base) Keep the button pressed, the safety barriers will go down position and the platform base will be closed by moving up.

After the movement is complete, turn the ignition key to the "OFF" position and remove the key.



When the platform is not in use, it is recommended to park the platform closed to allow a comfortable passage over the stair route and to allow the upper rail to be used as a handrail at the same time. When you are finished with the platform, park at the preferred parking spot.

## **6. In Case of Malfunction**

<b>Malfunction</b>	<b>Possible Cause</b>	<b>Precaution</b>
The platform does not show any functions	The ignition switch on the external controller is not in the ON position	Connect the switch correctly
	Main switch is OFF	Turn on the main switch
	No electricity supply	Open the main supply fuse
Platform is open and loaded but does not move	Emergency Stop button may be accidentally pressed	Turn off the Emergency Stop button
	Safety barriers not fully horizontal	Restart the safety barriers or move them slightly up and down
	The movement of the embarkation ramps or the contact plate is blocked	Gently press the embarkation ramps outward or remove any obstructions
Platform stops while driving	There is a possible obstacle on the cruise route	Remove the obstacle
	Power outage, Malfunction in electrical/electronic circuits	See item 5.7
Bumpy stand	Safety gear/transmission failure	See item 5.7.2

If you cannot detect the fault, please call your authorized service.

## **7. Maintenance Instruction**

The following maintenance work can be carried out by yourself or by auxiliary staff.

- A) Stains formed from crushed dust on the guide rails can be cleaned with detergents or stainless steel cleaners.
- B) Clean the rails from dust and dirt periodically or when they get dirty.
- C) Over time, squeaking may occur at the connection points of the boarding ramps, you can lightly lubricate these places with commercial oils.

**8. Platform Service Tracking**

<b>Installation Date:</b>	<b>Manufacturing No:</b>
<b>Installed by:</b>	<b>Signature:</b>

	<b>Date</b>	<b>Provided Service</b>	<b>Signature</b>
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