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# EUROTYPE

mechanical braille writer



## Operating manual

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## **Preface**

Congratulations on your choice!

We are certain you will enjoy your new Eurotype very much. The Eurotype is a modern, quiet mechanical braille writer. It is easy to carry due to its housing-integrated handle. The paper channel system provided on the machine allows you to write on both single sheet paper DIN A4 and DIN A3 and fanfold paper. For special features and instructions for use, please refer to the following sections.

### **1. General information**

#### **Included in delivery**

The following parts are included in delivery.

- 1 Eurotype braille writer
- 2 Dymo clips
- 1 Anti dust plastic cover
- 1 Manual in ink
- 1 Manual in braille

The following accessories are available on request

- Carrying case
- Carrying bag
- Machine pad
- Braille paper DIN A4 and DIN A3
- Fan fold paper
- Plasticfilm
- Plastic labelling tape

## **Technical data**

### **Embossing format**

Vertical dot spacing	2,5 mm
Horizontal dot spacing	2,5 mm
Cell spacing	6,0 mm
Line spacing (adjustable)	7,8 mm and 10 mm
Paper width	max. 300 mm
Paper length	unlimited
Cells per line	max. 44
Paper thickness	max. 180 g/m <sup>2</sup>

### **Weights**

Machine	4,6 kg
Case	2,3 kg
Bag	0,7 kg

### **Keyboard**

- 6 Braille keys
- 1 Space bar (can be recessed for transport)
- 1 Line movement key
- 1 Margin release key
- 1 Back space key
- 1 Warning bell key

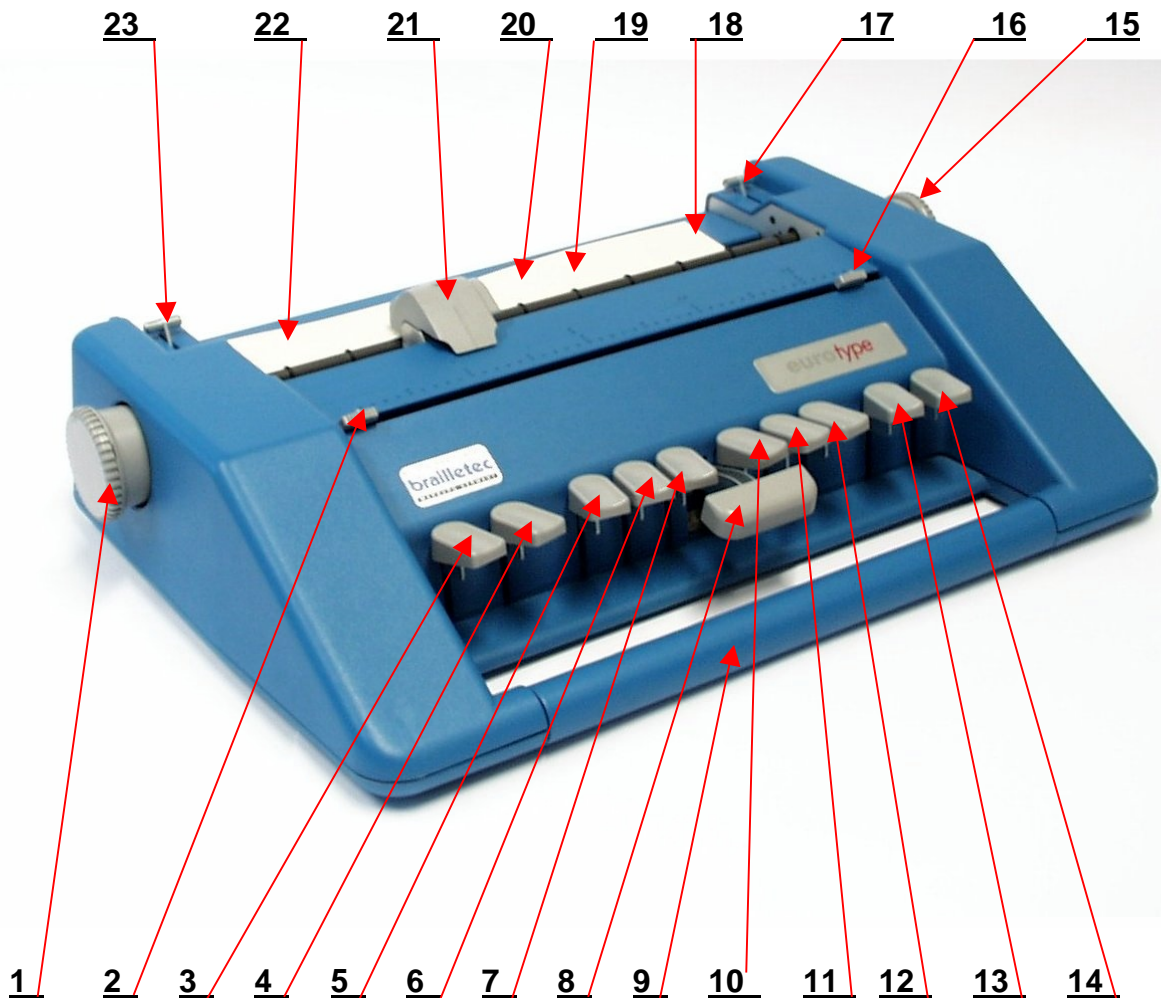
### **Functions**

- Left and right margin stops adjustable
- 2 different line spacing selectable
- Key lock at the end of sheet / line (can be released)

### **Additional Features**

- Device for writing on Dymo band
- Warning bell disengageable
- Machine-integrated reading platform
- Machine-integrated carrying handle

## Orientation drawing



- |    |                    |    |                           |
|----|--------------------|----|---------------------------|
| 1  | Left platen knob   | 13 | Back spacer               |
| 2  | Left margin stop   | 14 | Warning bell on / off     |
| 3  | Margin release key | 15 | Right platen knob         |
| 4  | Line movement key  | 16 | Right margin stop         |
| 5  | Key for dot 3      | 17 | Right paper release lever |
| 6  | Key for dot 2      | 18 | Right Dymo band clip      |
| 7  | Key for dot 1      | 19 | Reading platform          |
| 8  | Space bar          | 20 | Embossing head release    |
| 9  | Carrying handle    | 21 | Embossing head            |
| 10 | Key for dot 4      | 22 | Left Dymo band clip       |
| 11 | Key for dot 5      | 23 | Left paper release lever  |
| 12 | Key for dot 6      |    |                           |

## **2. Machine description**

Place your Eurotype in front of you in operating position and explore its different components. Pull the space bar (8) towards you first (the middle wide key ) otherwise the keyboard will remain locked. The various operating elements will be described in the following from the front to the rear.

### **Carrying handle**

The carrying handle (9) is rigidly mounted on the housing in front of the keyboard. The Elotype can be transported in a convenient manner.

### **Keyboard**

The Eurotype has 11 keys. The middle one (8), is used for writing blanks (recessed for transportation). On the left and right side of this key are located three keys for writing 6-dot braille (5), (6), (7) and (10), (11), (12). The line movement key (4) is located at the left of the key for braille dot 3, followed by the margin release key (3), which allows both to temporarily write outside the area between the margin stops or unlock the line movement key at the end of the sheet. The back spacer key (13) is found at the right of the key for braille dot 6 followed by the key (14) to turn the warning bell on / off.

### **Margin stops**

The margin stops (2), (16) are located in a slot behind the keyboard. While depressed, they can easily be moved and adjusted to any desired position.

### **Orientaton scale**

It is located directly behind the margin stops. Each dot indicates one position in the line. Each fifth position is marked with two dots above one another and each tenth position is shown by three dots above one another. The letters above indicates the value of the tenner positions (a stands for position 10, b for position 20, etc.).

### **Embossing head**

The embossing head (21) is located behind the orientation scale. The narrow end of the embossing head is located over the paper and indicates the position in which will be embossed the next character. There are two markings at the left and the right side of this tip used as an orientation aid to show the position of embossed dots 2 and 5. The wide end points to the orientation scale. The raised part in the middle shows the exact position. The embossing head release push-button (20) is located on the right in the embossing head.

### **Platen knobs**

There are two platen knobs (1) and (15) located at the left and right ends of the machine each, approx. at the height of the embossing head (21). These are used to move the paper one or more lines back or forwards.

### **Reading platform**

The horizontal area of the reading platform (19) starts behind the embossing head. It offers large space enough for reading five lines of braille. You will find two holes (18) on the left and two other ones (22) on the right side located in the reading platform. These are used to fix the Dymo clips.

### **Pressure Roller**

There are two levers (17) and (23) on the left and right ends, beside the reading platform, which are used to lift or lower the pressure roller. To release the paper, pull one of the levers to the front towards the keyboard. Pulling one of the levers will automatically move the other one in the same direction.

### **Paper channel**

The chute for inserting the paper is found at the bottom of the machine rear.

### **Warning bell**

The warning bell sound 6 cells before reaching the right margin stop set. The bell may be turned off by depressing the key (14) located at the extreme right end. This key will remain depressed. To activate the bell again, simply disengage this key by pulling it up.

## **3. Working with the Eurotype**

### **Inserting the paper**

There are two possibilities for inserting the paper:

1. from the bottom through the paper channel on the rear end of the housing
2. from the top between the embossing head and the carriage

Lift the pressure roller by means of the paper release levers (17) or (23). Insert the paper left adjusted with two hands at the same time in the paper channel from machine rear until it appears under the embossing head or insert it in the machine from top between the narrow end of the embossing head and the carriage. Now pull the paper until it reaches the rear end of the reading platform and align it with the edge and the left side part. Push the paper release levers away from you to fasten the paper. Turn back the paper using the platen knob until the top edge of the sheet reaches the narrow end of the embossing head.

### **Removing the paper**

The paper may at any time be removed from the machine. To this end, lift the paper release levers (17) or (23) and pull the paper by two hands over the reading platform to remove it from the machine.

### **Line movement lock at the end of the sheet**

The line movement key (4) will be locked one or two lines before reaching the end of the sheet, depending on how accurately the paper has been inserted. To unlock the paper feed, keep the margin release key (3) depressed or the margin stop (2) or (16) pressed towards the orientation scale and press the line movement key. Repeating the above described procedure will eject the paper sheet.

### **Key lock at the end of the line**

When reaching the right margin stop (16) the keyboard will be locked after the last cell has been written. This will prevent from overwriting the last character written.

### **Writing on Dymo band**

The use of Dymo band is very simple. First move the embossing head (21) to position 20, then the left margin stop (2) to position 8 and the right (16) to position 38. Insert the enclosed clips in the holes (18) and (22) located in the reading platform and secure towards the keyboard. Now you can clip the Dymo band using the two clips. Move the embossing head to the left margin stop and start with writing.

### **Setting margins**

The position of the margin is shown by the marking on the margin stop pointing to the orientation scale. To change the margin, depress the appropriate margin stop slightly and move it to the desired position until it is felt to „catch“ in place. Make sure that the embossing head (21) is not located between the old and new position of the margin, since the margin stop cannot be moved beyond the position of the embossing head. Therefore move the embossing head out of this area.

### **Margin release**

The margin set may be crossed in the two directions by pressing the margin release key (3) or by pressing the margin stops (2) and (16) towards the orientation scale.

### **Embossing head release / return**

The embossing head (21) may easily be moved back or forwards several positions. Take the embossing head between the thumb and the index and press the push-button (20) for the embossing head release into the right side of the embossing head. This will allow you now to move the embossing head easily over the paper to the desired position.

### **Line movement**

The Eurotype has two line spacing, the normal (10 mm) and the small (7,8 mm) line spacing. The small line spacing allows you for example to make simple diagrams or draw vertical lines for the subdivision of columns on a table. It is also paper-saving when writing numeral columns without the number sign. To change the line spacing, rotate the left platen knob (1) slightly. To return to the normal line spacing, press back the left platen knob by rotating it slightly.

### **Important:**

Remember again that the Eurotype will only work properly, after the paper has been inserted, if:

1. the paper is left adjusted
2. the pressure roller is lowered
3. the space bar, that has been pushed in for transportation is pulled out

### **Notice**

During transport, please move the embossing head all the way to the right beyond the margin until it won't go any further.