

# MacroBot

Your First step to Robotics



For ages 5+  
Ab 5 Jahre  
A partir de 5 ans  
Leeftijd vanaf 5 jaar  
A partir de 5 años  
Dai 5 anni in su

**WARNING:**  
CHOKING HAZARD - Small parts.  
Not for Children under 3 years.

## 1. DELIVERY CONTENTS

- MACROBOT x 1
- Remote controller x 1
- Command Card x 1
- Carry Tray x 1
- Instruction manual x 1

## 2. PRECAUTIONS AND WARNINGS

### Safety Precautions:

Remove battery from the toy when not in use.  
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Cautions:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable battery are only to be charged by an adult.
- Different types of batteries or new and used batteries are not to be mixed.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.

### Note:

- Parental guidance is recommended when installing or replacing batteries.
- You are advised to replace the battery as soon as the function becomes impaired.
- Users should keep and retain this information for future reference.
- Users should keep strict accordance with the instruction manual while operation the product.
- Under the environment with electrostatic discharge, the sample may malfunction and require user to reset the sample.

### Care and Maintenance:

- Always remove batteries from the toy when it is not being used for a long period of time.
- Wipe the toy gently with a clean damp cloth.
- Keep the toy away from direct sunlight and/or direct heat.
- Do not submerge the toy into water that can damage the electronic assemblies.

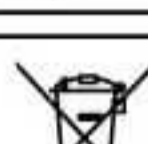
### FCC Statements

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:  
1) This device may not cause harmful interference, and  
2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



### Waste Electrical and Electronic Equipment (WEEE)

When this appliance is out of use, please remove all batteries and dispose of them separately. Bring electrical appliances to the local collecting points for waste electrical and electronic equipment. Other components can be disposed of in domestic refuse.

### TIPS

**Best & maximum performance can be only obtained by new and alkaline batteries.**

### Battery requirement for MACROBOT:

- Power Supply : ---
- Rating : DC 6 V / 7.2 W
- Batteries : 4 x 1.5 V "AA"/LR6 / AM3 (not included)

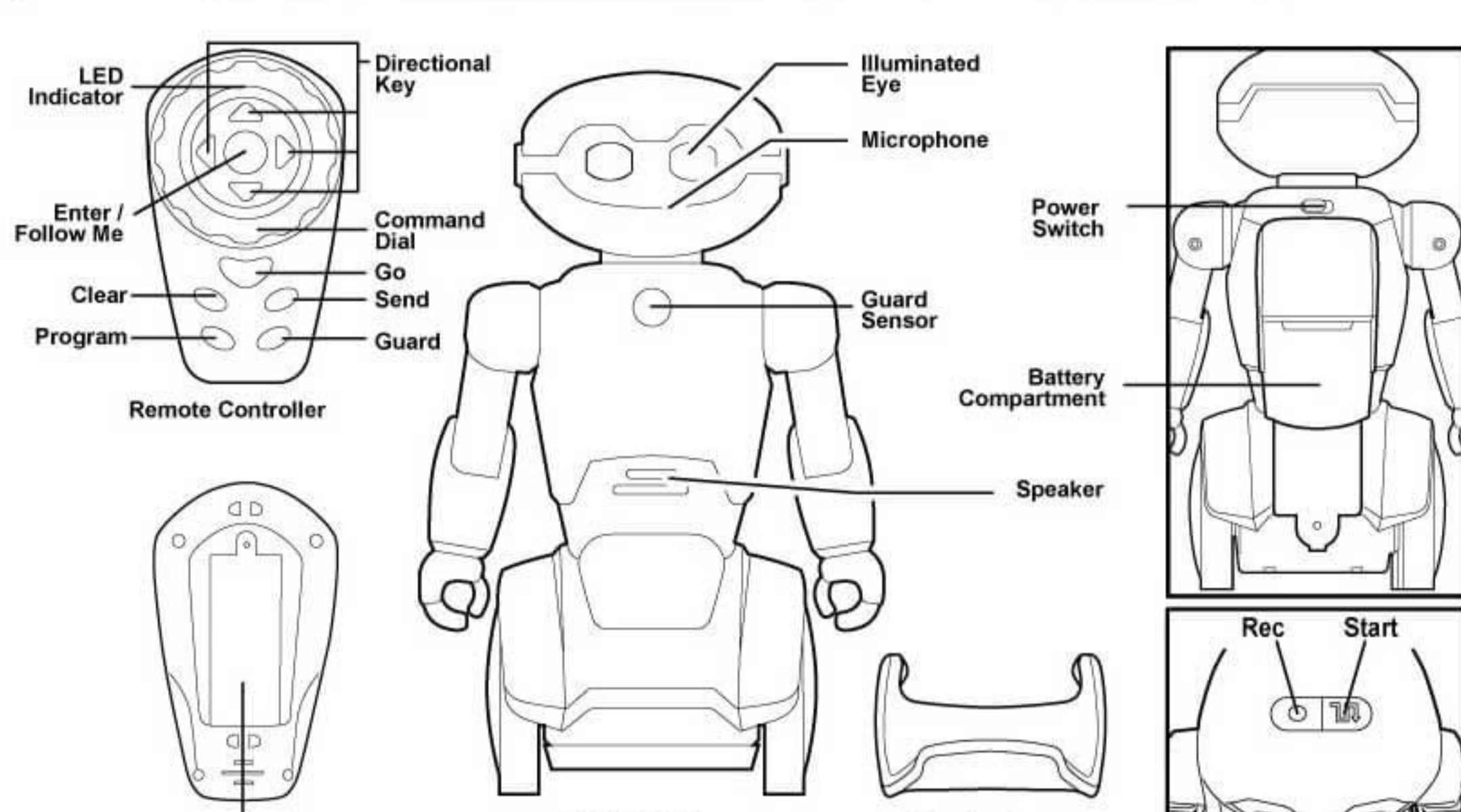
### Battery requirement for Remote controller:

- Power Supply : ---
- Rating : DC 3 V / 0.09 W
- Batteries : 2 x 1.5 V "AAA"/LR03 / AM4 (not included)

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## 2 ENGLISH

## 3. PART IDENTIFICATION

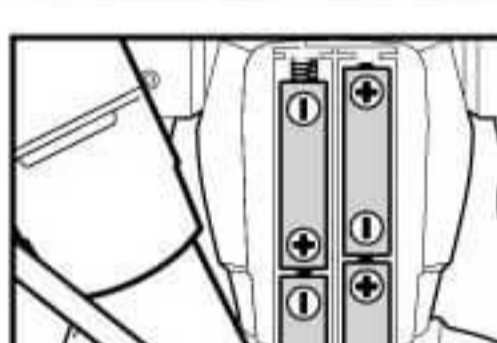


## 4. BATTERY INSTALLATION

Make sure the power switch is on "OFF" position.

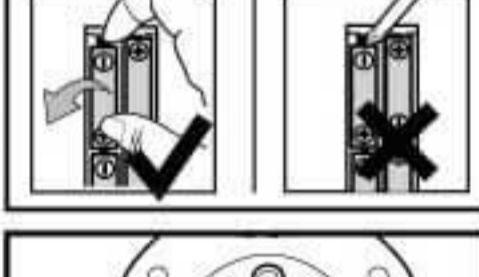
### MACROBOT

- Use a screwdriver to loosen screw on the battery compartment in anti-clockwise.
- Put 4 x "AA" battery (not included) in the battery compartment as per the polarity shown inside and tighten the screw in clockwise. (fig.1)



### REMOTE CONTROLLER

- Use a screwdriver to loosen screw on the battery compartment in anti-clockwise.
- Put 2 x "AAA" battery (not included) in the battery compartment as per the polarity shown inside and tighten the screw in clockwise. (fig.2)



## 5. GENERAL FEATURE

- MACROBOT is an interactive robot that can move in all direction, voice playback, tracking a path and even guarding your room
- MACROBOT reacts to different kinds of inputs:

- MACROBOT can be trained to run a path and replicate the path again
- Convert your input message to a robotic voice and play back.
- React differently depends on the sound input received.
- MACROBOT can be controlled by mobile phone app that available in IOS & Android version.
- Interacted with other MACROBOT, or other Silverlit Robots. Visit our free App and learn more.

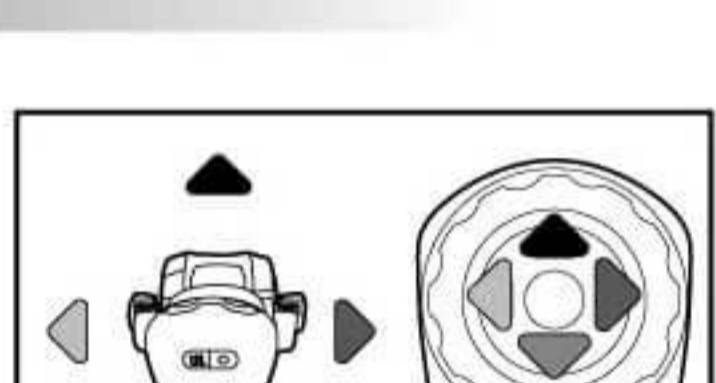
## 6. HOW TO PLAY

### 6.1 START TO PLAY

Slide the POWER switch to ON position of the MACROBOT to start, you can interact with MACROBOT or use the supplied remote controller to control MACROBOT directly. Hold MACROBOT vertically and place him on a flat surface to let MACROBOT start his movements.

### 6.2 DIRECT CONTROL MODE

- Press 4 directional key on the Remote Controller to control MACROBOT move in all directions or,
- To request MACROBOT to perform a designated action, select a command on Command dial then press GO button (fig.3)



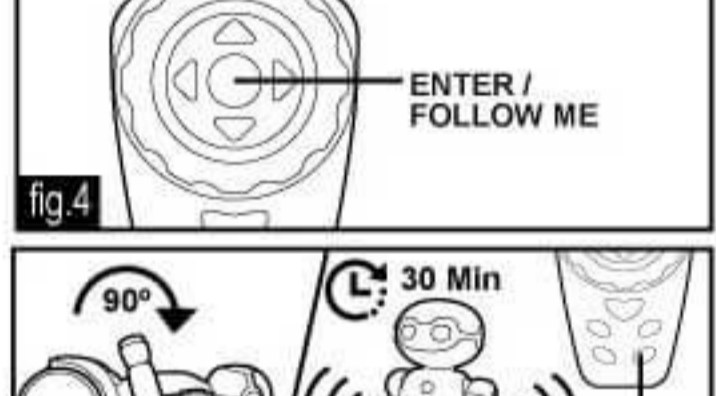
### 6.3 FOLLOW ME MODE

- Point the Remote Controller to MACROBOT, then press and hold the FOLLOW ME button (fig. 4), MACROBOT will follow your direction automatically.



### 6.4 GUARD MODE

- Pick up MACROBOT and turn him to 90 degree until you hear a sound effect.
- Place MACROBOT on a flat ground with his face facing the detecting direction.
- Press the GUARD button on the Remote Controller, MACROBOT will start countdown then activate a 30-minute guarding cycle. (fig.5)
- During the guarding cycle, MACROBOT's alarm will be activated when an object in front is detected.
- Press any button to reset the alarm & repeat above steps to activate a new guarding cycle.



**NOTE!** GUARD MODE is only available and operated at flat ground surface.

### 6.5 PRE-PROGRAM ACTIONS

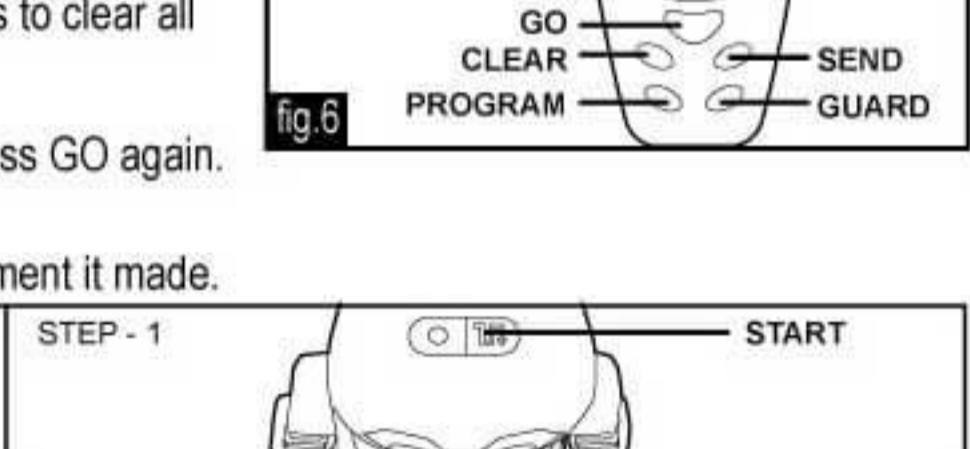
- Press PROGRAM button. (Indicator in green color) (fig. 6)
- To program the actions, press 4 directional key directly or rotate the dial to select an action then press ENTER, press once more to repeat the action.
- Press CLEAR once to clear the last input, long press it for 2 seconds to clear all the inputs.
- Press SEND to send commands to robot.
- Press GO to run the programmed actions. To repeat the actions, press GO again.



### 6.6 PATH TRAINING

MACROBOT is able to learn and try to imitate the straight path movement it made.

1. To start, press and hold START button for 3 seconds until hear a sound effect.
2. Hold MACROBOT to walk a path gently and in even speed. (Make sure wheels touch the ground all the time)
3. Press the START button when the path training finished. (Recommend to complete the path within 20 seconds)
4. To imitate to run the path again, place MACROBOT at the starting point and press START button.
5. To repeat, press the START button again

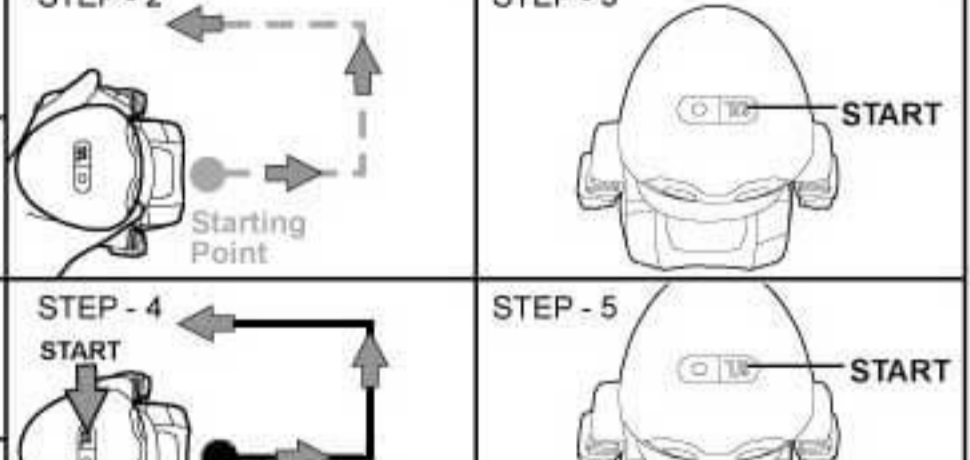


### 6.7 PLAY MODE

#### 6.7.1 ACTION MODE

- MACROBOT responses to sound inputs such as tapping or (clapping hands), following are the responses of different sound patterns:

- Single Tap (or clapping hands) - playback the recorded messages (fig.7)
- More than Two Taps (or clapping hands) - response with movements or a dance (fig.8)



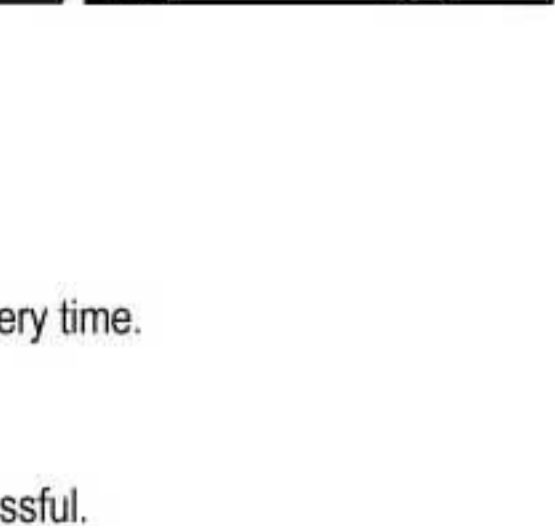
#### 6.7.2 TALKBACK MODE

- MACROBOT can record up to 3 messages and you can record 1 message in 3 seconds every time.
- Press the REC button once to start & MACROBOT's eye will flash rapidly.
- Speak a message after MACROBOT generate a BEEP sound.
- MACROBOT will generate a BEEP-BEEP sound when the message recording is finished.
- MACROBOT will playback the last message automatically to confirm the recording is successful.
- MACROBOT will automatically go back to idle mode after playback.
- To clear the recorded messages, record new messages to replace or press & hold the button for 5 sec until MACROBOT generates a BEEP-BEEP-BEEP sound.

### 6.8 COMPANION MODE

Follow these steps below to pair up MACROBOT

1. Put MACROBOTs together within 12 inch of one another face to face (fig. 9)
2. Switch ON one of the MACROBOT
3. Switch ON another MACROBOT within 2 seconds and you will hear the sound effect from both MACROBOT at the same time, that means pairing is successful
4. Repeat step 3 for each MACROBOT you want to add for pairing
5. If either one or both MACROBOT start moving around or talking without a sequence, it means they fail to pair up. Repeat from step 2 again for pairing.
6. Once all MACROBOT are paired, they will interact with each other and response to sound inputs the same way as in the ACTION mode.



**NOTE!** Actual performance of MACROBOT reacting to your clapping / tapping may vary considerably based on the environment. For best result, play MACROBOT in a comparatively quiet room to minimize the interruption by ambient sound.

### 6.9 OBJECT CARRYING

1. Attach the supplied CARRYING Tray on MACROBOT
2. Place an object on the tray (≤150g), MACROBOT will balance himself automatically (fig.10)



### 6.10 MOBILE APP

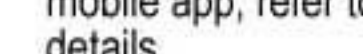
- Download the App from Apple's App Store or Google Play.
- Direct control and group play features are available in the mobile app, refer to the instruction in the info page for details.

## 7. POWER SAVING

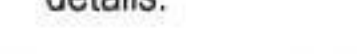
- 7.1 For power saving, MACROBOT will generate a reminder sound if no input is received, repeat the reminder sound again every 15 sec.
- 7.2 MACROBOT will go to sleep after generate the reminder sound 3 times.
- 7.3 To wake up the MACROBOT, turn the power switch to "OFF" and then "ON" again.

## 8. TIPS & HINTS

- 8.1 For best performance, it is recommended to place the MACROBOT on a flat ground surface during the play, an uneven surface or carpet will reduce MACROBOT's stability and may cause him to fall down.
- 8.2 To prevent the damage from drop off, do not play with the MACROBOT on a table or surfaces that above the ground.
- 8.3 MACROBOT may sometimes fall down due to the uneven surface or obstacles, hold MACROBOT vertically and place him on a flat surface then press START button to activate MACROBOT again



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