ALFARAM

Assembly and operating instructions
Alfaram brand mirrors

Contents

The basis for recognizing product warranties is compliance with the instructions in the manual.

Dangers

Please read before you start the installation

Attention! Glass

The product contains glass elements that are particularly vulnerable to mechanical damage.

Fire hazard

Long-term use of lighting can heat up. It is forbidden to keep flammable objects near it. Mirrors with lighting should only be mounted on non-flammable or flame retardant surfaces.

High voltage

The product may contain electrical components that require connection by an electrician.

Hot surface

Touching hot lighting can cause burns.

Heavy product

Depending on the size of the mirror, installation may require more than one person.

Necessary tools

Pencil

Spirit level

Ruler or tape measure

8mm drill

⌀8mm expansion plug with L-hook (not included)* *For masonry substrate
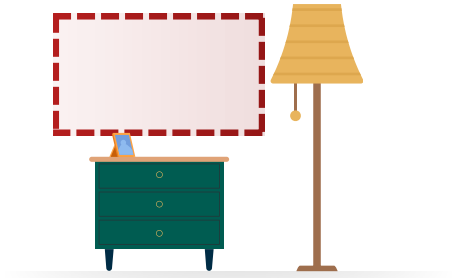
Drill

Mounting the mirror on the wall

1.

Determining the location of the mirror
First, choose the optimal location for your mirror.
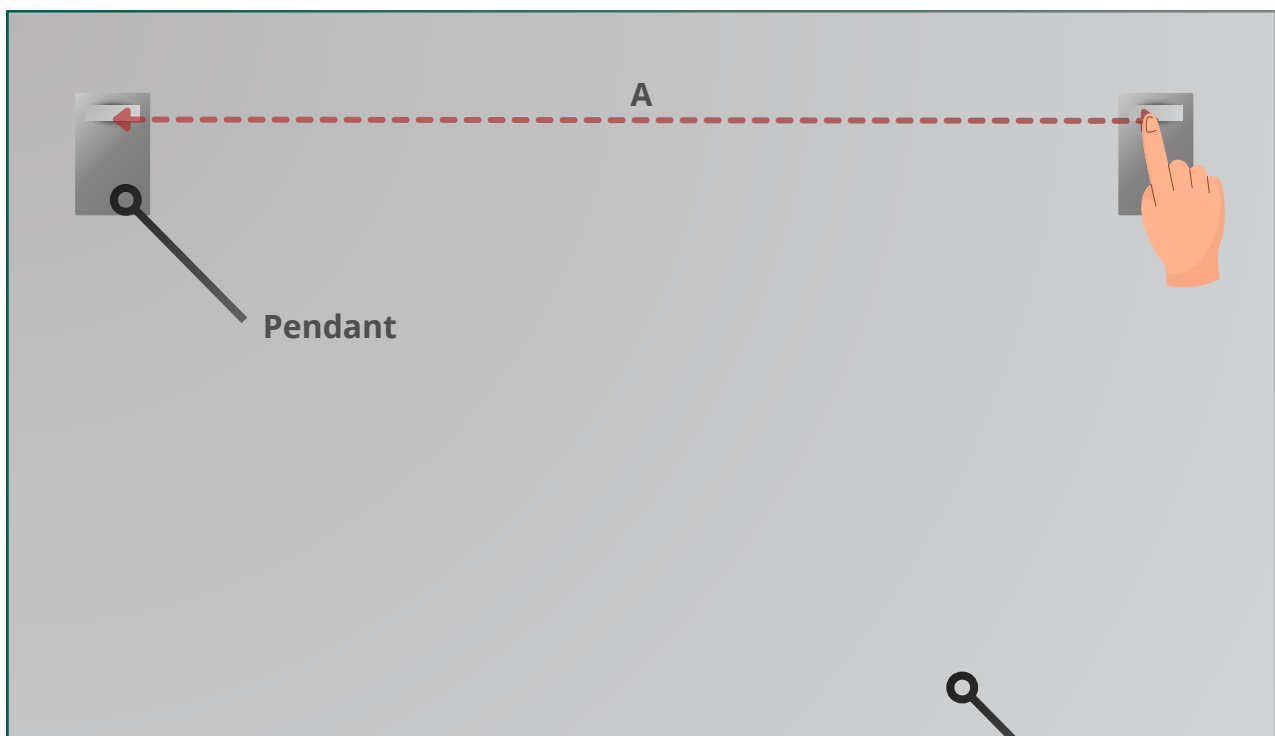
2.

Determining the distance between the hangers
Measure the distances between the hangers and the distances of the hangers from the mirror edge carefully. The distances should be measured from the center of the hanger carrier.

If the mirror has more than two hangers, measure the appropriate dimensions for each of them.

A

Pendant

Back of the mirror

3. Marking the places for fastenings

Mark the locations of the holes on the wall according to the previously taken measurements.

Then drill holes in the wall using the 8mm drill bit mentioned earlier.

Make sure that there are no electrical or water lines, etc. running in the drilling areas.

A

Selected spot on the wall

**Be careful with objects around the installation site**
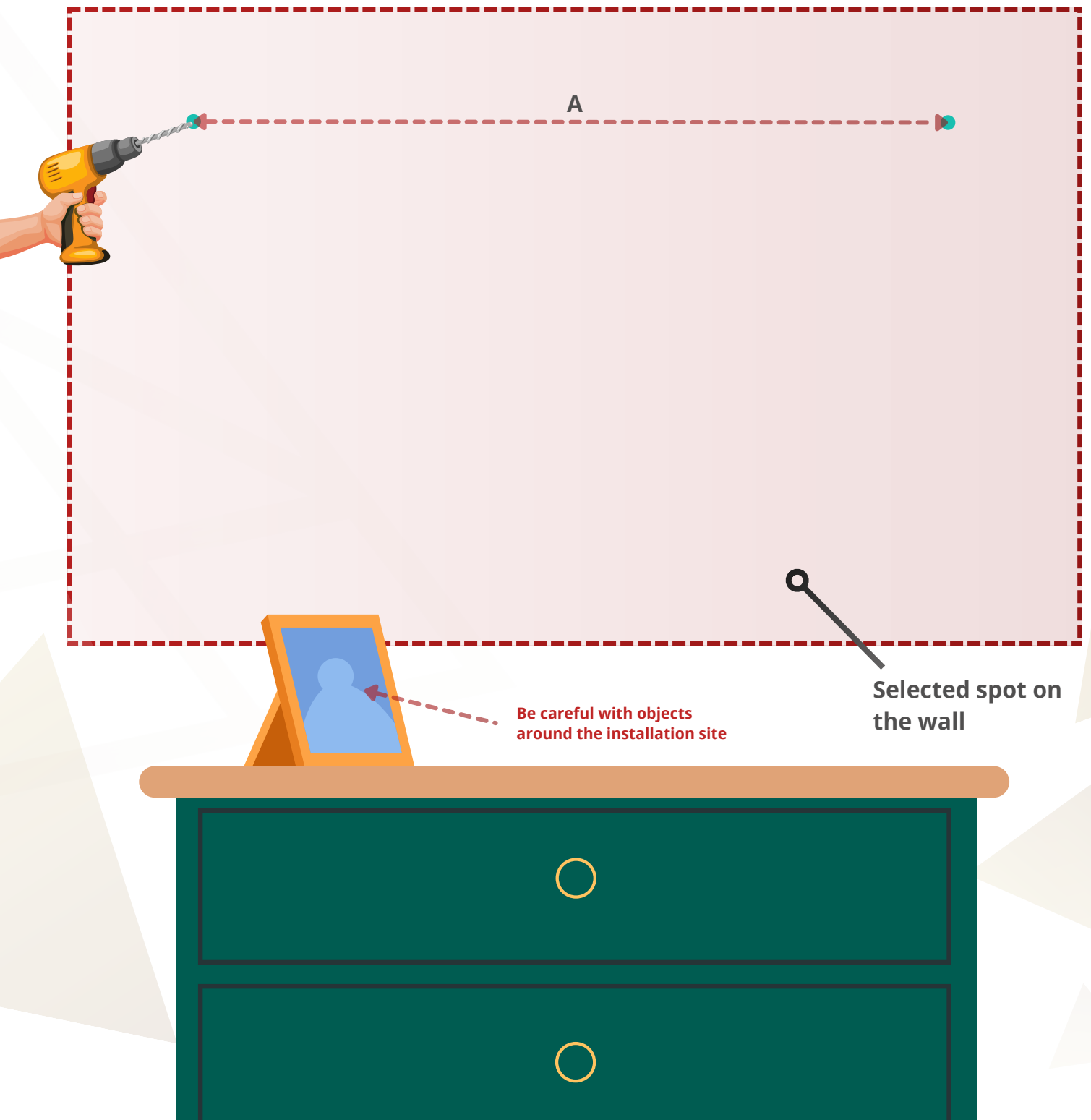
4. Installation of dowels

Place the plastic part of the mounting plugs suitable for masonry substrates in the holes thus prepared; in other cases, use the fastening intended for the given type of substrate.

Then screw in the L-hooks to the depth required by the mirror design.

L-hook

Plastic part of the mounting pin
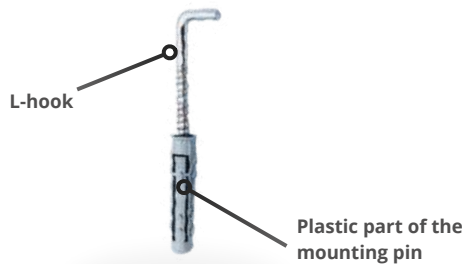
Mounting pin for masonry surfaces

Important!

When adjusting the distance of the hook from the wall, remember to maintain its stability in the mounting pin (plastic part).

5. Mirror installation

After checking the stability of the installed hooks, carefully hang the mirror, paying particular attention not to scratch the back of the mirror with the hooks and to ensure that the hooks properly engage in the holes in the hangers.

Attention!

Pay special attention to the area under the hanger. The mirror surface where the hook enters is susceptible to mechanical damage. Alfaram is not responsible for the effects of scratching the product during installation.
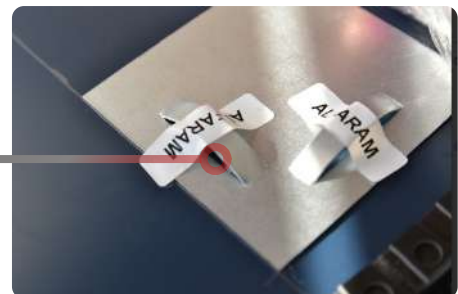
Touch switch

The touch switch is an innovative addition that allows you to control the mirror lighting by touch. The module is integrated directly with the mirror surface, which adds elegance and modernity. The touch switch is illuminated, which makes it easy to locate even in the dark.
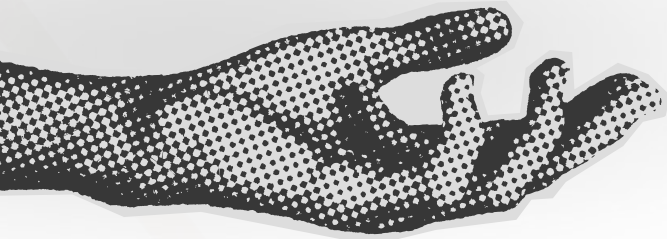
Touch switch specification	
Supply voltage	12V/24V
Current max.	5A
Max. power	≤60W
Operating temperature	-25°C ÷ 60°C
Working humidity	10 ÷ 90% relative humidity (non-condensing)
Storage temperature and humidity	-20°C ÷ 85°C, 5 ÷ 90% relative humidity (non-condensing)
IP protection class	IP54

In our products, touch switches are delivered ready-made and configured.

The touch switch, when pressed, activates the LED strip connected to it. To turn off the configured lighting, press the switch again.

Sensory switch

The sensor switch allows you to turn on the lights without direct contact with the mirror surface or other electronic components. It uses a motion sensor, so you don't have to worry about dirtying the surface or wetting the electrical components.

Sensor switch specification	
Nominal voltage	12V/24V
Rated current	5A
Nominal power (LED power supply)	60W/120W
Operating temperature	-20°C ÷ 50°C
Working humidity	45 ÷ 85% RH non-condensing
Storage temperature and humidity	-20°C ÷ 85°C, 5 ÷ 90% relative humidity (non-condensing)

| Safety and electromagnetic compatibility standards	
Safety standards	Compliance with EN61347-1, EN61347-2-11
EMC emission standards	EN55015 compliant
EMC Immunity Standards	EN61547 Compliance

Functionality of the sensor switch

In our products, the sensor switches are delivered ready and configured; they only need to be glued in the appropriate place.

Activation of the sensor sensor involves moving your hand approximately 5 cm from the sensor location.

If the sensor switch also has a dimming function, hold your hand on the switch and wait until the lighting reaches the desired brightness.

On the back of the mirror, on the white electronic module, there is a switch for the sensory sensor operation modes. If you need to change the mode, move it to the appropriate position.
Below is a description of the sensor operation modes.

K M D
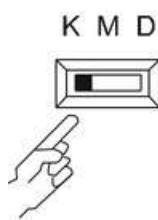
1. When the IR sensor beam is blocked, the LED power supply and LED load are disconnected and the light is turned off
2. When the IR sensor beam is not blocked, the LED driver and LED load are turned on and the light is on.

K-Mode - ON/OFF Cabinet Mode

K M D
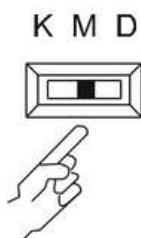
1. First covering of the IR sensor beam disconnects the LED power supply and the LED load, the light is turned off.
2. The next time the IR sensor beam is obscured, the LED power supply and the LED load are switched on, the light is on
3. Each subsequent covering of the beam, the IR sensor changes its state to the opposite.

M Mode - Mirror Mode ON/OFF

K M D
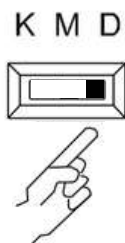
1. Each time the IR sensor beam is blocked, the LED power supply and the LED load are turned on/off.
2. Holding your hand over the IR sensor beam activates the dimming function. Each time you hold your hand, the LED load dims or brightens.
3. The system remembers the last state in the event of a power cut.

D-Mode - Mirror Mode ON/OFF
+dimming

Dual LED support

Mirrors equipped with Dual LED lighting allow you to choose the color temperature of the lighting, from cold, through neutral, to warm.

Switch operation:
- Touch the switch to turn the lighting off or on.
- Touch and hold the switch to start selecting a light color.
- Tap again to select the desired light color.
- Touch and hold again to start brightness selection.
- Tap again to select the appropriate brightness.

Attention:
The switch remembers the colour and brightness settings and returns to the remembered setting when turned on again.

Replacing the LED strip

1.

Removing the previous tape

To dismantle the LED strip, disconnect it from the power supply by disconnecting the wires from the connector coming out of the power supply and carefully peel it off from the plastic frame.

2.

Installing the new tape

Stick the new LED strip supplied by us after tearing off the paper protecting the adhesive layer. To be sure, the ends of the strip can be glued with cyanopane glue. After gluing, connect the strip wires to the power supply block, making sure to maintain the correct polarity order (+ and -).
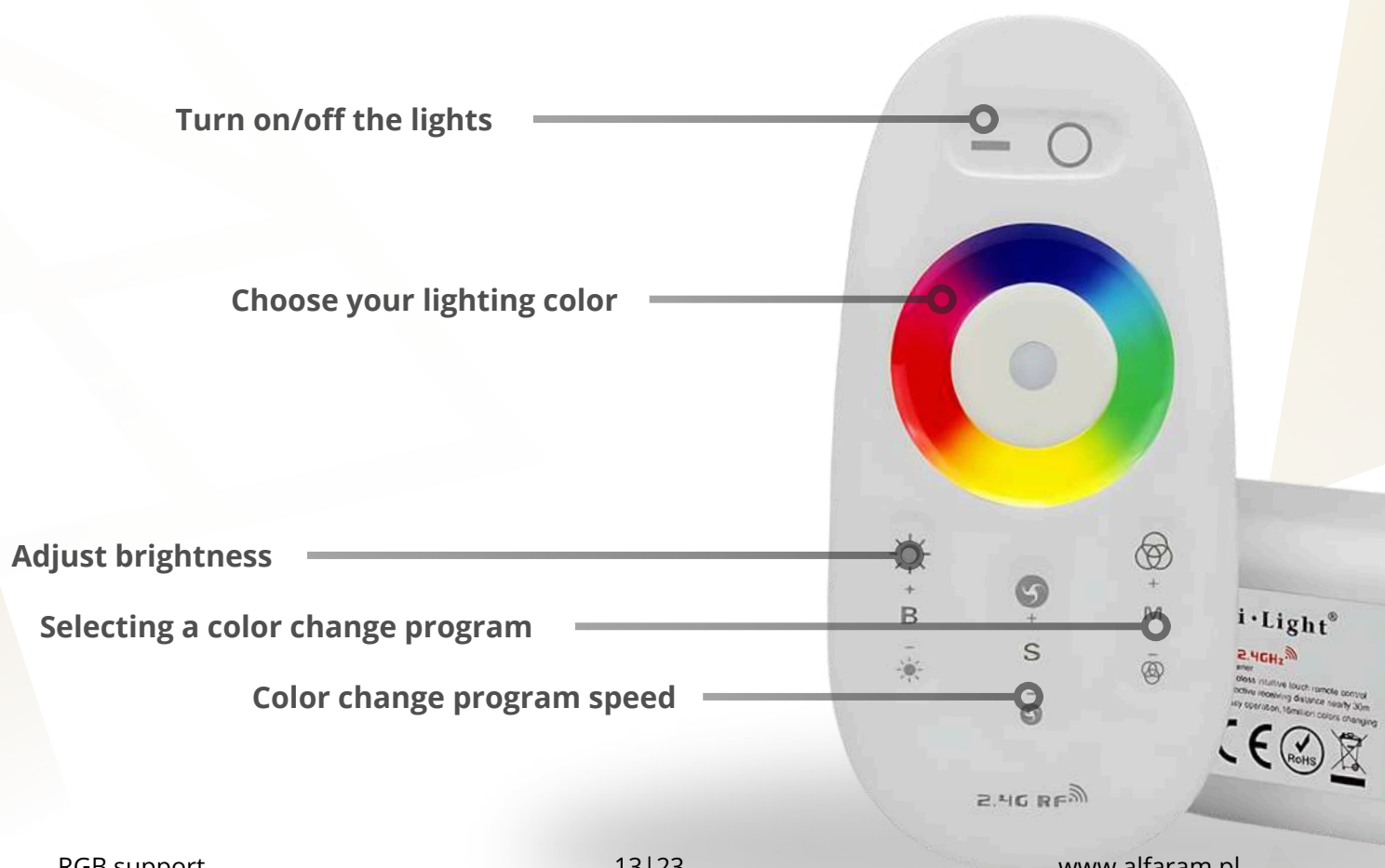
RGB support

RGB LED lighting is a trendy option to diversify the look of a room. It allows you to choose the color and brightness of the lighting. RGB can also change its color in different modes and programs.

The RGB LED strip has a 12V power supply and uses the colour spectrum of Red, Green and Blue.
The RGBW LED strip, on the other hand, is powered by 24V, and the white color is obtained by an additional point in the color spectrum - White.

RGB remote control support

Below is a sample graphic showing the remote control included with the RGB strip.

Turn on/off the lights

Choose your lighting color

Adjust brightness

Selecting a color change program

Color change program speed

Weather station

The weather station is an addition to the mirror that informs us about the current date, time, current weather and forecasted temperature. It is a convenient accessory that provides all the information about the day, e.g. during morning toilet.
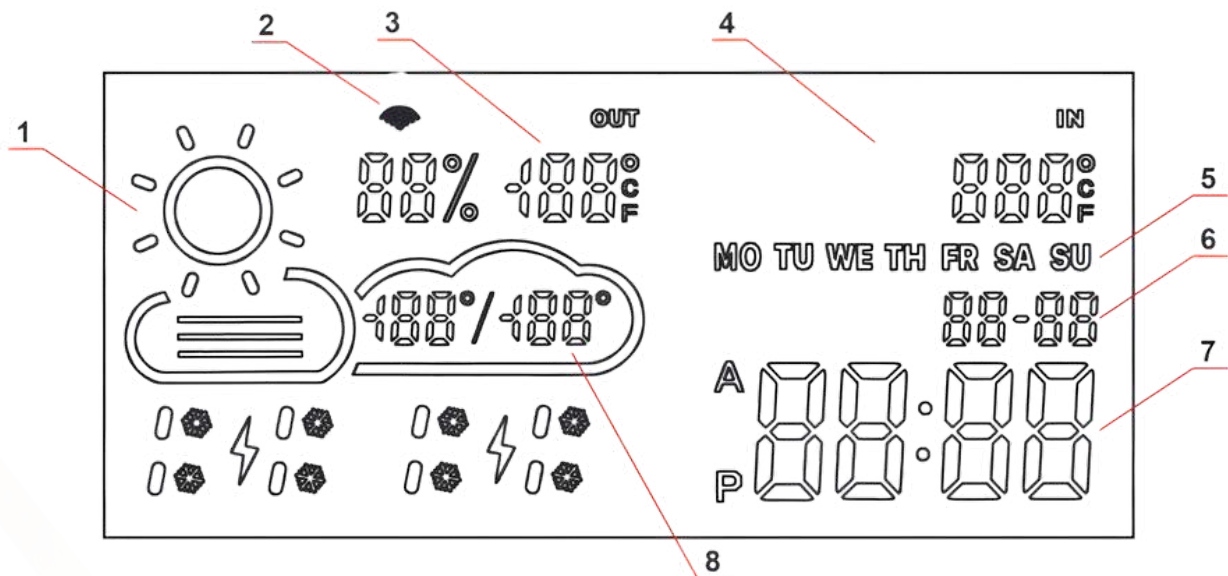
Weather Station Display Diagram

1. Current weather: sunny, partly cloudy, overcast, rain, snow, storm
2. Wi-Fi icon
3. Humidity and outside temperature
4. Temperature inside
5. Day of the week
6. Data
7. Hour
8. Forecasted daily temperature range

Weather Station App Configuration
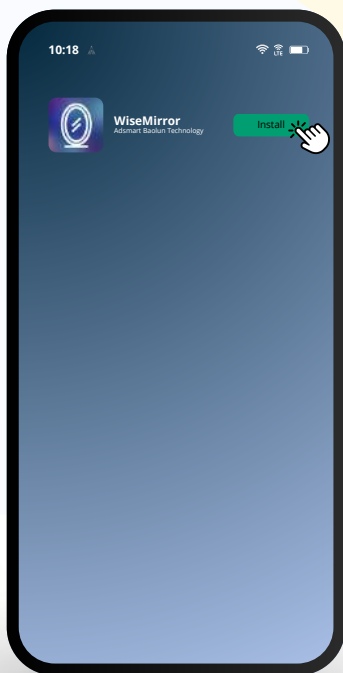
Application installation

Install the WiseMirror app on your phone. It's available in the Play Store and App Store.

AppStore

Google Play

Attention!

For the weather station to function properly, we must be connected to our home Wi-Fi network.

Power on

Power on the weather station; the screen should display "SCAN" and the Wi-Fi symbol should flash.

Turn on the settings on your phone

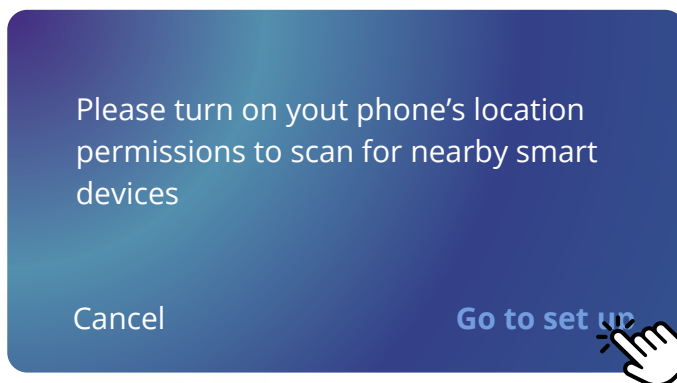Connect to your Wi-Fi network, turn on Bluetooth and location.
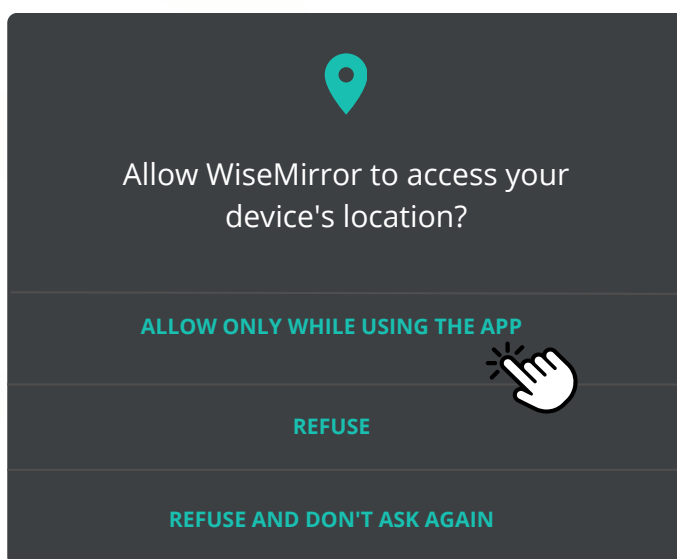
Configure the application
Confirm the necessary consents and terms of use of the application.

User Agreement and Privacy Policy

I agree to the content of the Software's
User Agreement and Privacy Policy

Exit   Agree

Accept the terms and conditions and privacy policy
By pressing the Agree button.

Please turn on yout phone's location permissions to scan for nearby smart devices

Cancel   Go to set up

Allow use of location
By pressing the Go to set up button.

Allow WiseMirror to access your device's location?

ALLOW ONLY WHILE USING THE APP

REFUSE

REFUSE AND DON'T ASK AGAIN

Set up location sharing
By pressing the ALLOW ONLY WHILE USING THE APP button.
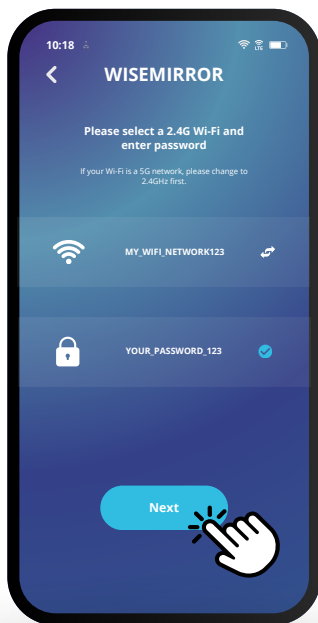
Connect the app to Wi-Fi

The weather station app needs to be connected to the same Wi-Fi network as your phone. Select the appropriate network and enter the password.

Follow additional configuration options. The app also has features such as: adjusting the time format, units, night mode, displaying the weather for the next day or changing the location.

Any options of this type should be located in the "Basic", "Weather Settings" and "Night Mode" tabs.

Weather Station Specifications	
Power supply voltage	12V/24V
Display	LED 7.3 cala
Max. power	6W
Display dimensions	166 x 68 (L x W)
Operating temperature	-25°C ÷ 60°C
Working humidity	10 ÷ 90% relative humidity (non-condensing)
Storage temperature and humidity	-20°C ÷ 85°C, 5 ÷ 90% relative humidity (non-condensing)
IP protection class	IP54
Wi-Fi Band	2,4GHz

Digital clock

Setting the time on a digital clock

1. Press and hold the function button for about 3 seconds. The hour digits will start flashing.
2. Press once to set the time forward one hour.
3. Set the correct time.
4. Press and hold the function button for about 3 seconds. The minute digits will start flashing.
5. Press once to set the time forward one minute.
6. Set the correct minute.

Digital Clock Features

1. The clock alternately displays the time and indoor temperature.
2. In the event of a power failure, the clock has batteries to maintain the time countdown.

Digital Clock Specifications	
Supply voltage	12V/24V
Current max	50mA
Operating temperature	-25°C ÷ 60°C
Working humidity	10 ÷ 90% relative humidity (non-condensing)
Storage temperature and humidity	20°C ÷ 85°C, 5 ÷ 90% relative humidity (non-condensing)
IP protection class	IP54

Bluetooth speaker

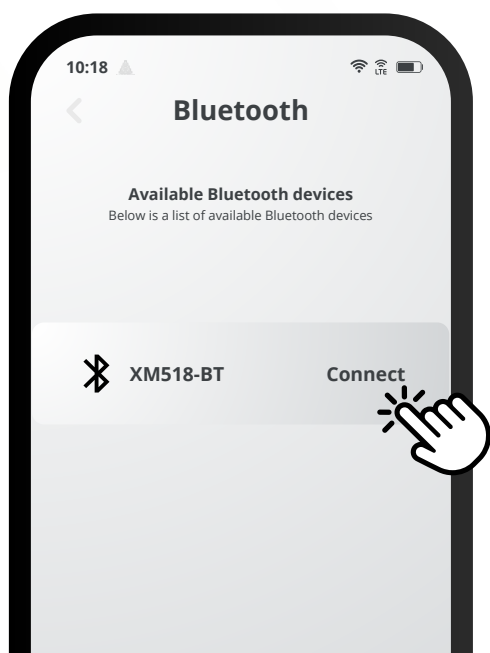| Bluetooth Speaker Specifications	
Input power	20W maximum 40W
Nominal impedance	4 Ohm
Dimensions	Φ77.5±0.5mm
Libra	114g

1.

Connect the device to the power supply
Connect the power supply to the 230 VAC electrical network.

2.

Turn on Bluetooth support
On the device (transmitter), which may be a smartphone, tablet, laptop or computer, turn on the Bluetooth network.

3.

Pair your device
In your device's Bluetooth settings, connect to the XM518-BT.

10:18

Bluetooth

Available Bluetooth devices
Below is a list of available Bluetooth devices

XM518-BT   Connect

Touch panel with radio and Bluetooth function

The touch panel with Bluetooth function allows you to control all the functions of the mirror from one place. It shows, among others, the current temperature, time, controls the radio, turns on the LED lighting and the heating mat.

Explanation of button and display functions

Seconds/Volume

Date/Frequency

Minutes

Hours/Channel

Bluetooth

LED lighting

Temperature

Heating mat

Increase button
Press to change the radio station, frequency, volume, date or time.

Decrease button
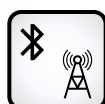Press to change the radio station, frequency, volume, date or time.

LED lighting
Press to turn LED lighting on/off.

Heating mat
Press to turn the heating mat on/off. Holding the button for about 5 seconds activates the date and time setting mode using the change buttons (arrows).

Bluetooth/Radio
Press to switch between Bluetooth and radio. Holding the button for about 5 seconds activates automatic search for radio stations.

Volume/Frequency
Press to change the function of the "arrows" between volume control and radio station selection.

Attention
The buttons may differ slightly visually from those presented in the manual. However, the general meaning of the markings remains unchanged.

Touch panel with radio and Bluetooth function

Technical specification

	Touch panel specifications
Charger	12 - 24VDC
Rated current [max]	5A
LED output	100W (24V)
Dimensions (L x W x H)	176 x 95 x 11mm
Time and Date Settings	year, month, date, time, minutes, seconds
Radio Service	FM
Bluetooth function	Bluetooth 5.0

Mirror care

Stain removal
To remove stains that occur during everyday use, mirrors should only be wiped with a clean, soft cloth and a classic glass cleaner (neutral, not containing abrasive particles).

Resistant stains, e.g. grease, cosmetics, etc., can be removed with a chamois leather rinsed in warm water and dried well.

Use of chemical preparations
It is not allowed to use preparations with a strong acidic or alkaline reaction, which may cause permanent damage to the glass surface.

After wiping the mirror, there should be no moisture remaining and there should be no drops on the edges.

Protect from moisture
In order to ensure the durability of the mirror coating, it is necessary to avoid permanent moisture deposition on its edge, which may cause damage to the underlay and, consequently, the formation of rust.
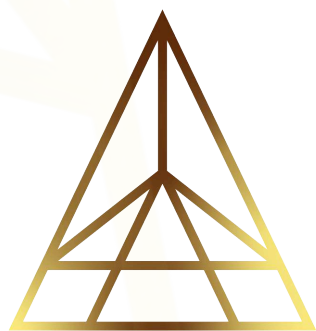
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