

WHEMH10 MOUNTING PLATE

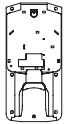
Quick start guide, current 04/2019, part number: 0301890_a

Thank you for buying the WHEMH10 mounting plate from ABL!

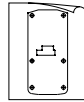
- Please read this quick start guide carefully.
- Please also consider the information and safety notices provided in the installation and operating manuals for the eMH1 Wallbox by ABL.
- Comprehensive installation and operating manuals are available for download at www.abl.de / Service.



Components included



1 x mounting plate with pre-assembled cable storage holder



1 x drilling template



6 x countersunk screws (5 x 60 mm, T20)



3 x wafer head screws (5 x 20 mm, T20)



8 x blind plugs



6 x wall plugs (8 x 40 mm)

In case of missing components, please contact your local distributor.

Installation site prerequisites

The mounting area must

- ... measure at least 482 x 226 mm.
- ... be even and able to support sufficient weight (weight including the Wallbox: ca. 7 kg).
- ... offer sufficient air circulation.
- ... be located far enough away from heat sources.
- ... be marked up at a height of 120 to 140 cm (floor to lower edge).
- ... be located at a distance of at least 50 cm in all directions from other electrical devices.
- ... offer a sufficiently dimensioned power supply cable to connect the eMH1 Wallbox (not included).

Installing the WHEMH10



During the installation process, the circuit breaker for the supply cable in the domestic power distribution must be switched off.

Tools required: Scissors/utility knife, pencil, spirit level, T20 screwdriver, pliers, power drill, Ø8 mm drill bit

- 1 Check that the markings on the drilling template match the fixing holes in the mounting plate.
- 2 Cut into the (6) marks for the fixing points on the drilling template (tool: scissors/utility knife).
- 3 Cut out the area on the drilling template marked for the power supply cable entry (tool: scissors/utility knife).
- 4 Place the drilling template onto the mounting surface: The power supply cable must be able to pass through the center of the cutout in the drilling template. Also note the marked cut-outs for a surface-mounted power supply.

- 5 Level the drilling template and mark the fixing points on the wall (tools: pencil, spirit level).
- 6 Drill the marked fixing points (tools: power drill, Ø8 mm drill bit suitable for the substrate)
- 7 Insert the (6) wall plugs into the pre-drilled fixing points.
- 8 Place the mounting plate onto the mounting surface and pass the power supply cable through the central opening.



If the power supply is surface-mounted, you must first break or cut out the respective plastic lug in the mounting plate (tool: utility knife or pliers).

- 9 Insert the (6) countersunk screws and tighten to hand-tight to fix the mounting plate to the installation site (tool: T20 screwdriver)
- 10 Seal the fixing holes in the mounting plate using the (6) blind plugs.
- 11 Insert one 5 x 20 mm wafer head screw into the upper fixing point of the mounting plate (tool: T20 screwdriver). Distance between screw head and mounting plate: 4 mm

Installing and connecting the eMH1

An installation video is available at [www.abl.de / Service / Downloads](http://www.abl.de/Service/Downloads).



The circuit breaker in the domestic power distribution must remain switched off until step 13.

Tools required: Utility knife, PZ1 screwdriver, T20 screwdriver, cable cutter, wire stripper, crimping tool, Voltmeter

- 1 Open the housing cover of the Wallbox.
- 2 Loosen the (4) screws of the upper part of the housing and keep them in a safe place (tool: PZ1 screwdriver).
- 3 Remove the upper part of the housing from the housing base of the Wallbox.
- 4 Remove the rear rubber grommet in the connections area of the housing base, cut crosswise and replace (tool: utility knife).
- 5 Loosen the strain relief inside the Wallbox housing (tool: T20 screwdriver).
- 6 Pass the power supply cable through the rear rubber grommet in the connections area of the housing base of the Wallbox.
- 7 Hang the housing base onto the wafer head screw inserted into the upper fixing point of the mounting plate.
- 8 Use two 5 x 20 mm wafer head screws to attach the lower fixing points of the housing base to the mounting plate (tool: T20 screwdriver).
- 9 Insert the power supply cable into the internal strain relief and tighten (tool: T20 screwdriver)
- 10 Cut the power supply cable to the length required for connection to the RCCB and strip starting at the strain relief (tools: cable cutters, wire stripper).
- 11 Strip the conductors of the power supply cable and fit end ferrules (tools: wire stripper, crimping tool)
- 12 Insert the conductors of the power supply cable into the RCCB terminals and screw tight (tool: PZ1 screwdriver).

Conductor color	RCCB terminal	Phase system
Brown	L1	Single and 3-phase
Black	L2	3-phase
Gray	L3	3-phase
Blue	N	Single and 3-phase
Green-Yellow	PE	Single and 3-phase

- 13** Switch on the circuit breaker in the domestic power distribution and measure the voltage at the RCCB if required (tool: Voltmeter).
- 14** Place the upper part of the housing back onto the housing base.
- 15** Fix the upper part of the housing to the housing base using the screws kept for this purpose (4 screws, → step 2) and tighten to hand-tight (tool: PZ1 screwdriver).
- 16** Switch on the RCCB in the Wallbox and/or the domestic power distribution. The Wallbox is starting up.
- 17** Close the housing cover and lock it using the key.

The Wallbox is now ready for use.

