8.11 MOUNTING INTO LAMINATED GLASS OR DOOR PANELS

The easiest way to fix your petWALK pet door is to integrate it into double or triple laminated glass. All you need is the right aperture in your pane. Therefore a pane replacement is necessary, since cutting into laminated glass is impossible. Afterwards the petWALK pet door is simply "clamped" and the installation is finished.

	**WARNING!**	The petWALK pet door must be installed into ESG laminated glass/ at least double glazing. The petWALK pet door is not suitable for an installation into a single glass panel!
	**WARNING!**	Laminated glass is filled with special gas therefore cutting an opening into laminated glass is impossible. A new glass pane with the right opening has to be produced.
	**NOTE!**	The standard door module is suitable for component thickness up to 10 cm. Turn the threaded rods out of the outer frame at a distance corresponding to the thickness of the component so that you can get hold of the screw of the threaded rod. When tightening the screw, the threaded rod will follow accordingly so that a secure hold is given.

Due to technical reasons the glass panel must be chosen in a way that the spacing distance to the outer edge of the element is at least 5 cm circular (according to the glass manufacturer for stability reasons).

There is a recommended minimum size of the glass element of 53cm x 68cm for the model "Medium" and 63cm x 88cm for the model "Large".

The inner edges of the glass cut may have an inner radius of up to 1cm, if necessary.

At lower glass latitudes a cross-bar (horizontal bar) just above the planned installation position of the door can be installed and a correspondingly smaller sized glass pane can be designated at the top.

The petWALK pet door can be mounted in an applied cassette below the impost. Note that there must be a circulating space of at least 30 mm from the side edges of the opening.

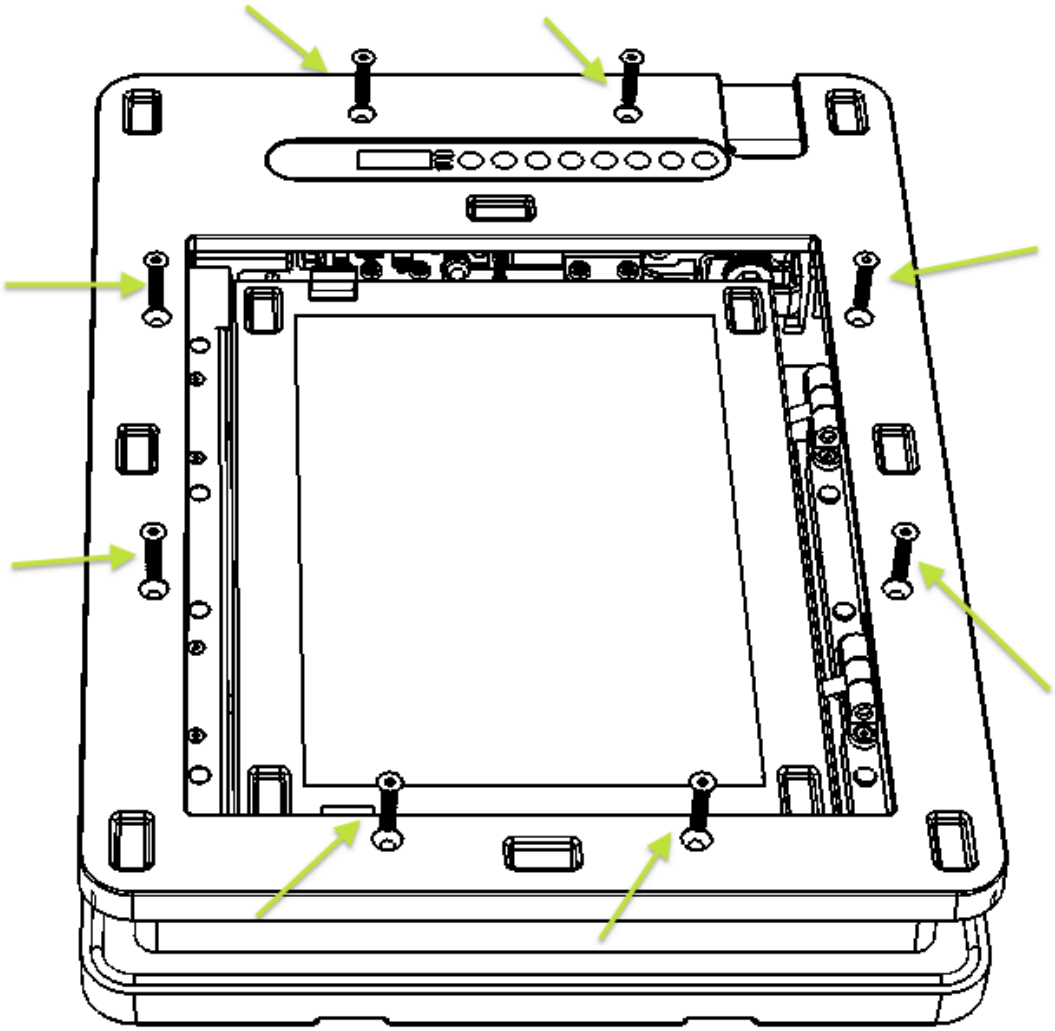
The way of installation would be the same, when installing this door into a panel (of a front door) with plain surface.

If a very high degree of insulation is necessary, the doorframe of the pet door can be equipped with an optional additional thermal insulation kit.

1. Remove the 8 screws (M6x30) with an Allen wrench size SW4.0, to separate the two frames (see figure below). Keep these screws aside because you will need them again at the end of the assembly process.

NOTE!

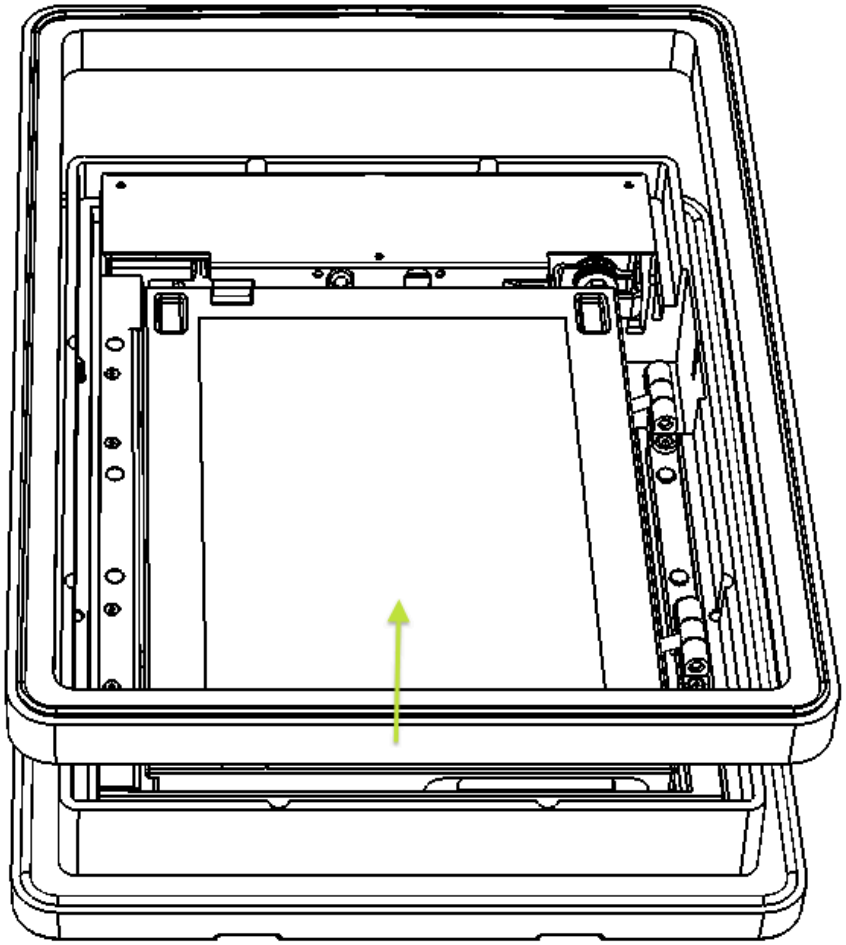
If the two parts of the device are connected at the top by the connecting cable, gently pull out the 3 plugs of the sockets at the board in the inner frame before removing the frame.



2. Lift the inner frame (part with the display) carefully with an upward movement.

3. Now pull the spacer off the device.

   – If the component shows a thickness of less than 5cm a spacer has to be mounted. Now you can decide whether you prefer to use the spacer at the outer frame or at the inner frame. Depending on your selection, the pet door will protrude a little further from the component at the side where the spacer is installed. We recommend an installation at the inside of the device.

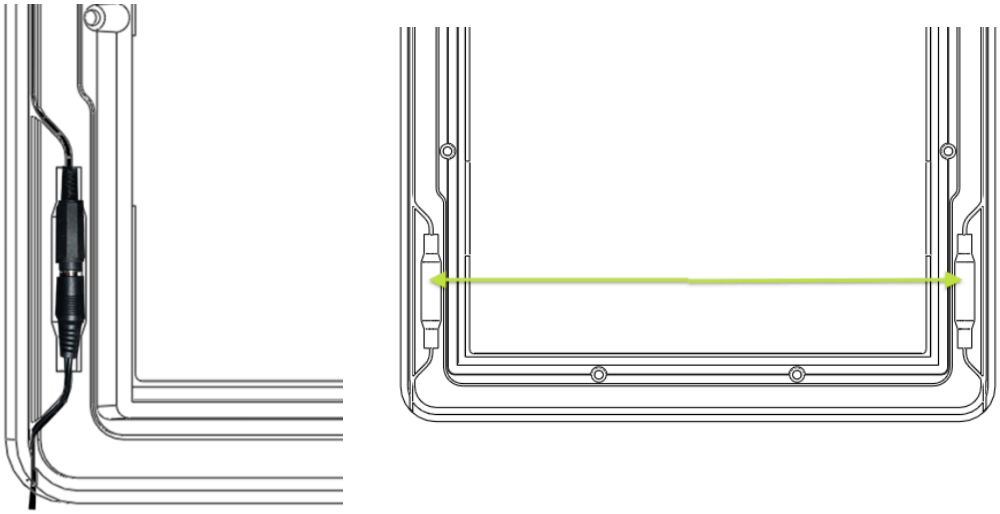


NOTE! In case the spacer should be installed on the outside please carefully seal the tongue-and-groove joint between spacer and outer frame with silicone!

4. Now place the supplied EPMD round seal carefully into the grooves provided for this purpose (do not place it between spacer and door frame), which will later touch the component. These seals will connect the petWALK pet door with the component in an airtight way.

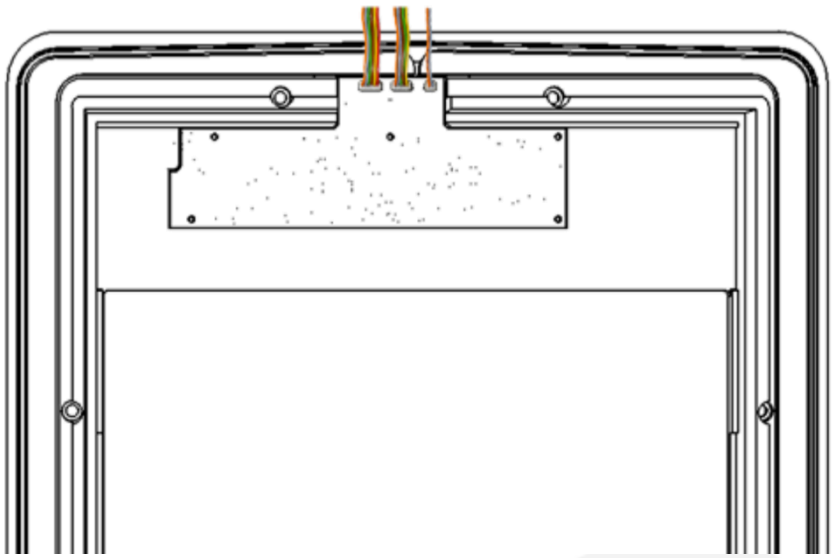
	NOTE!	Make sure that you do not stretch the seals when pressing them into the groove and be aware that they are not strained thereby.
	NOTE!	If you install the door into a door leaf, we recommend the use of an optional door-in-door contact, which ensures that the petWALK pet door closes and stays closed, when the door leaf is opened. The installation and connection to the device is described in another chapter.

5. Connect the connector of the power supply to the provided socket at the inner frame. If desired, you can route the cable to the left side of the door.



6. Now insert the outer frame from the outside into the aperture of the glass. The three connection cables have to be placed inside. The assistance of a second person in order to fix the outer frame at the outside is helpful in order to continue working at the inside.

7. Now proceed with the inner frame and insert the three different plugs of the connecting cables carefully into the corresponding sockets of the board.



⚠	**CAUTION!**	The plugs are direction bound, so that is they only fit into the socket in one position. If they cannot be inserted easily, DO **NOT** use force, but try again rotated by 180°.

8. After all three connectors have been plugged in safely and after the power cable has been connected, gently push the inner frame and the outer frame towards each other.

	NOTE!	For this step you need a helping hand. A second person is required to assist clipping the outer frame firmly until there is at least **one** mounting screw tightened. Alternatively you might temporarily fix the outer frame with a duct tape.

9. Now screw the two frames together carefully by using the 8 M6 x 30 countersunk screws. The screws must be tightened evenly at all sides. If the petWALK pet door is stuck loose in the opening, you have to recheck, if the horizontal placement of the door is correct.

10. Tighten the screws carefully and alternately and check constantly, that there is no tension. The 3 following safety instructions must be followed.

	CAUTION!	By tightening the screws the frame should move smoothly towards the component. If you notice any tension at the frame, stop the process!
	CAUTION!	Due to the circumferential seals on the inside and outside, the frame cannot and should not touch the component. There should be an at least 2-3mm wide gap between the wall and the frame, where the seal is visible.
	CAUTION!	RISK OF BREAKING GLASS! if the screws are tightened too much. Tighten the screws only so far that the circumferential seals touch the component and the device can no longer be moved. You can re-tighten the screws later, if necessary.

11. You can now connect the power supply.

    After a few seconds the display will show the time and the door leaf will be locked.

☺	Congratulations: You have successfully completed the installation. You can now use the device as intended!