

WindowSwitch Installation Recommendations

Installation kit provided

- Squeegee
- Glass scraper
- Lint-free cloths
- PSU mounting jig
- Vinyl strips

Recommended items not included in the provided installation kit

- Acetone
- Isopropyl (99%) alcohol
- Plastic dust sheet roll
- Plastic/non-shedding table for film prep
- Ladder
- Masking tape

Steps

1. Preparing the space

- 1.1. Clear the area around the windows/ close off the room so that it is not in use during the installation
- 1.2. Move large objects away from the windows
- 1.3. Turn off ventilation in the space to reduce air movement
- 1.4. Ideally, if available, wear a non-shedding coverall (e.g. Tyvek). If unavailable, wear clean, short-sleeved, non shedding clothing and wash hands and forearms

2. Cleaning

Cleaning the window and surrounding area is crucial for the installation of WindowSwitch. Any dust near the film will be attracted to the electrostatic adhesive and will introduce bubbles when applied to the glass.

- 2.1. Vacuum the whole area well

- 2.2. Lay a plastic dust sheet from a roll on the floor near the glass



- 2.3. Clean the window
- 2.3.1. If there is significant stubborn dirt, use acetone first.
Only use acetone on glass surfaces.
- 2.3.2. Wipe the window frame/ surrounding areas with isopropyl alcohol and a lint-free cloth



- 2.3.3. Wipe the glass with isopropyl alcohol and a lint-free cloth



2.3.4. Scrape the glass with the glass scraper, using more isopropyl for caked-on dirt



2.3.5. Wipe the glass with isopropyl alcohol and a **new, unused** lint-free cloth

2.4. Clean the film

2.4.1. Wipe prep table with isopropyl alcohol and a lint-free cloth

2.4.2. Unpackage film from roll and lay on table



2.4.3. Clean the front face of the film (power bar facing up) with isopropyl alcohol and a lint-free cloth



2.4.4. Turn film over and repeat

3. Applying the film

3.1. Carry film to window by holding the power bar



3.2. Line film up with window to ensure it fits (all sides should have a ~2.5mm tolerance)



3.3. Peel back ~4 inches of the adhesive release liner, fold it down and pin it to glass with the film



- 3.4. Line up the top section of film parallel to the frame and push down the power bar to tack it on. Press squeegee along width of film under the power bar to tack down the remainder of the exposed adhesive



At this point the film will hold itself up so that its alignment down the two sides and bottom can be checked. If the film has the power bar going

vertically, one end will have to be held by a second person until the film is fully applied.

- 3.4.1. Check that film is aligned with frame - there should be 2.5mm clearance on all sides



- 3.4.1.1. Some frames may not be square, make sure that the film clears all gaskets and frames
- 3.4.2. If the film will hit a gasket/frame, pull film off glass and repeat from step 3.4

If there are bubbles under/around the power bar, it can be carefully peeled back and reapplied by pressing from the bottom edge of the power bar to the top to drive the bubbles out the top edge

- 3.5. Once alignment is achieved, apply the rest of the film
 - 3.5.1. Pull down the rear release liner a few inches
 - 3.5.2. Starting from the middle and holding the squeegee at 45°, push the film onto the glass in a sweeping motion to the edge



Make sure that some of the squeegee overlaps the already-applied film at all times. If bubbles are introduced, peel back the film and redo that section.

If dirt/dust is caught underneath the film it can be removed by pressing masking tape on it; ensure that this is done slowly, without touching the adhesive, as more dust can be introduced.

- 3.5.3. Continue this process until the last few inches
- 3.6. Apply the film in one corner first then move diagonally, finishing the application in the final corner



- 3.7. Apply a vinyl strip on the reverse side of the glass to cover the rear of the power bar

4. Mounting the Power Supply Unit (PSU)

- 4.1. Choose a location for the PSU
 - 4.1.1. Ensure it will fit with the mounting jig
 - 4.1.2. Ensure it is near enough to a usable outlet for the power cord to reach
- 4.2. Mark mounting locations with a pencil and PSU mounting jig



- 4.3. Fit screws into wall in mounting locations, leaving the head protruding
- 4.4. Set the PSU on the screws

5. Connecting up

- 5.1. Simply plug one end of a connecting cable into the PSU and one into the plug on the power bar of the film.



- 5.1.1. If using a connecting power bar, plug one end into the connecting power bar and one into the power bar to be supplied
- 5.2. Plug the PSU into the outlet using the power cord

The wiring route will vary for each case and so this is left at the discretion of the installing team.

6. Fitting the wireless switch

- 6.1. Choose a location for the switch(es)
 - 6.1.1. Make sure the location is clean
- 6.2. Remove the release on the two adhesive strips



6.3. Place it on the surface and apply pressure



6.4. Turn on WindowSwitch by pressing the switch

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