

## TOVERTAFEL INSTALLATION REQUIREMENTS

Below are the basic principles for a seamless installation – please let us know if there are any issues in relation to the following requirements:

- The distance floor to ceiling should be at least 2.70m. Any shorter distance may decrease movement detection. It is also safer for the projector to be high enough to be out of reach.
- If your ceiling is lower, it is important that you let us know as we have various solutions. See the attachment 'Power Supply' to see low ceiling preparation examples. If you decide to build an encased box such as on the attachment, please allow 15cm on each side of Tovertafel. Tovertafel's measurements are 34(h) x 38(l) x 24(w)cm and the encased box should therefore measure 68(l) x 54(w)cm.
- There are no obstructions such as pipes, wires etc. to the Tovertafel's suspension to the ceiling. If there is heating through the ceiling we must proceed to a specific assessment.
- The ceiling is horizontal and made out of concrete, wood or plasterboard (min. 12.5mm) through which we will be able to drill and screw in the different mounts.
- There is no layer in the ceiling that is less than 4cm deep from the bottom of the ceiling.
- The ceiling has sufficient strength to support the Tovertafel system (about 12kg) to hang on to a mounting plate 12 x 12 cm with a maximum of four screws / bolts (see photos in the attached instructions).. **Please note: it is the client's responsibility to ensure the ceiling can safely hold the Tovertafel system (approx. 12kg).**
- The exact spots where the Tovertafel will be hung have been identified (it would be great if these could be marked in advance of our installation team visiting the premises e.g. with a piece of tape).
- There is a socket with a constant 230V power supply within 1.5m of the desired point of suspension. In order for the projector to cool down properly this socket should not be connected to the room light switch. Please forward the attachment to your electrician. It shows a socket. The power

socket should be 3.5 AMP. The projector's specifications are: AC 220V 50HZ. In use: 375W. Stand by: 8W.

- There are no chandeliers hanging in the intended projection field and no smoke detector within a 0.5m radius of the point of suspension.
- People on site are informed of our visit.
- There is an available Wi-Fi network, which is necessary for future software and game updates. If there is no available Wi-Fi or if it is weak or can be accessed only through a login screen: you must install a data point close to the suspension point and connect the Tovertafel with an Ethernet cable. We advise the data point be ready on the installation day but it is acceptable to install it at a later date.
- The attached instruction manual will be at your team's disposal as it contains user instructions and technical specifications.
- If the ceiling height exceeds 3.2m then safe and appropriate climbing equipment will be provided on site.
- **Choose the best location(s) for your Tovertafel:** You are entitled to four ceiling mounts per Tovertafel. It is very important to choose the best locations:
- Our experience shows that once a routine has been established, the Tovertafel is rarely moved around. If moved at all it is usually from one room to another (e.g. the lounge to dining room or small family room) but very rarely to more than two locations unless it is organised and included in the home routine (for example in a care home with several dementia units where it would be moved on certain days). It is best to have a table and chairs permanently placed under the Tovertafel in an area that residents, carers and families can easily access and see.

We would not advise installing the Tovertafel somewhere where you have to move the table and chairs every time you

want to turn it on. The magic of Tovertafel comes from its integration in your resident's home and how it can effortlessly be turned on. Avoid installing it in a separate room at the end of a corridor for example.

- The best spot for the Tovertafel is usually the lounge as it is where most people spend the day. The dining room can be a wise second choice as it is quieter, especially if the lounge is very busy. It is also nice for people who would benefit from one to one sessions or struggle to participate in activities with fellow residents. As Tovertafel's projections cannot work under direct sunlight, avoid installing it right next to a window and make sure there is enough room around the table to get people in and out and for wheelchairs.
- The distance floor to ceiling should be at least 2.70m. Any shorter distance may decrease movement detection. It is also safer for the projector to be high enough to be out of reach.
- If your ceiling is lower, it is important that you let us know as we have various solutions. See the attachment 'Power Supply' to see low ceiling preparation examples. If you decide to build an encased box such as on the attachment, please allow 15cm on each side of Tovertafel. Tovertafel's measurements are 34(h) x 38(l) x 24(w)cm and the encased box should therefore measure 68(l) x 54(w)cm.