

Connecting Power and Timer to Large Alpha Sun Tanning Beds

This applies to the Power 36, Elegance, Executive, Cab 36 and other Alpha Sun beds that use 30A or more power input. Please note that the power input for these units is at the ballast tray and no cord is provided. They are designed to be hard wired by an electrician, and a plug should not be used.

DANGER, HIGH VOLTAGE! RISK OF ELECTROCUTION OR DEATH. ONLY A CERTIFIED ELECTRICIAN SHOULD ATTEMPT TO CONNECT THE TANNING BED.

Each Alpha Sun bed uses a similar method for timer connection, using two wires. You will need to refer to the owners manual for the exact location of the wires. When these two wires are joined (have continuity) then the bed is ON. When these two wires are disconnected, the bed is off. Some beds have a short cord with these two wires, some require you wire direct to the ballast tray.

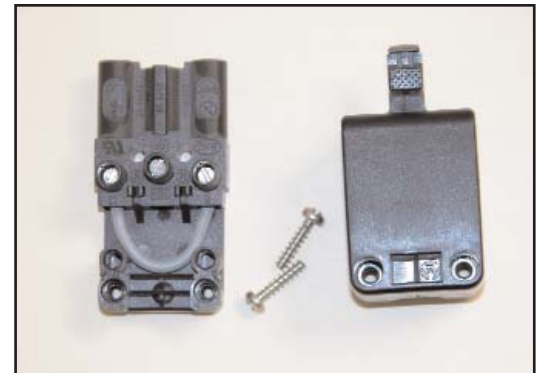
Most beds have an “overrule timer” that will shut off the bed in the event the remote timer fails or if the two wires are accidentally shorted. This should not be relied upon as a timer as it is only a safety device. The two remote timer wires can be shorted only for testing purposes and to test the overrule timer, as the bed is always on when the wires are connected.

Most people use the T-Max timer for a remote timer system, and these instructions assume you are doing the same. Do NOT use the “phone wire” that comes in the packaging. This is for low voltage applications, and presents a fire hazard if used. The two wires that are used as a remote timer cable must be capable of 240VAC at less than 1 AMP, and meet all local codes. 18 guage SO cable is commonly used, but check local regulations first.

The two timer wires on the ballast tray or cable should be run to the remote switching box of the T-Max timer and connected to the J3 contact (shown in image), and connected using the screw set built onto the timer board.

The timer connects these two wires to turn the bed ON, and disconnects them to turn the bed OFF using an internal relay/contacter. This should only be used for switching and not to carry the bed load as the max current it will carry is less than 3 amps.

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Most beds have a remote timer cable and a plug like this one. It is shown with the wires SHORTED for testing only.

