



INSTALLATION MANUAL

for Bars



Copyright 2013-2023 Sit N Charge, LLC

FEBRUARY 2023

This manual will explain how to install a Sit N Charge charging system at your bar.

First, the tools you will need are as follows. One **electric screwdriver** with a **hex head** attachment for the screws. We include RG6 Cable Clips with screws attached (20), one inch screws (12), and 1-1/2 inch #8 screws for power box (2).

The parts you will find in your kit from Sit N Charge are the 108 Watt charging power box, USB Smart Pucks that have 3 or 6 foot cables, Cable Clips to fasten cables under bar, and screws of appropriate sizes to finish the job.



Sit N Charge USB Smart Puck

INSTALLATION

First, find a source for power (AC) behind the bar. The power box will include a 10 foot power cord. Your Smart Pucks will be installed either behind the bar (on the bartender side) so the bartender provides the charger service to the customer, or on the customer side where the customer can connect their own phone cable. The smart pucks will be spaced about 2 ft apart, so the distance from the first puck to the last puck will be about 12 feet. The power box will be in the center of the pucks.

Determine where in the bar you intend to install the USBs and lay them out evenly. Put the power box in the middle of pucks. Now make sure that there is AC power within 10 feet of the power box.

Using 1-1/2 inch screws, mount the 6 port power box under the bar against the back wall or where it suits your needs. Bars have a hard coating surface behind the bar, so you'll have to push hard to start the screw. You can make a starter hole with a small drill bit if you need to, but we use an impact style screw gun, so we don't need to do this. Once the charger box is installed, you can now add the power cord to it and plug it in. The box should now be powered. Use the Cable Clips to fasten the power cord off the floor and against the back inside wall of the bar.



Cable Clips

Make sure your 1st and last smart pucks are within range of the power box when you mount them. (up to 6 feet, the length of the puck cord). You may just plug them into the power box before you mount them to be sure. Using the 1 inch screws, mount the smart pucks up under the bar, flush with the bar edge so the bartender can easily see and find the blue USB socket. Be sure not to over tighten as you can power the screw through the smart puck as it is like a hard rubber material. Snug is good enough.

Use Cable Clips along the cord to fasten the cord to the underside of the bar. Mount the other smart pucks, and cable clip the cables in the same fashion. The Cable Clips come with their own screws attached.

Your bar charging system is now ready to use.

HELPFUL INSTALL TIPS

Here are some thoughts as to how and where to install the Sit N Charge Bar system. Placement will be a 12 to 14 foot section of the bar where the owner or bartender feels will be best served. Ideally, the entire bar will have chargers spaced every 3 feet or so, but that's up to the owner.

One must consider access to the underside of the bar, and what obstacles you may encounter. So, you and the bar owner will have to agree on a location and spacing that you have access to. If the bar has no open AC outlets, tell the bar owner so he or she can contact an electrician to possibly install another outlet. Let the bar owner solve the power issue as you don't want to start ganging up more plugs into an outlet that is full of cooler plugs. By the way, our power box when charging the max number of phones or tablets, only pulls about 108 watts of power. Our equipment is not likely to pop any breakers.

Some bars tops may not have wood under them. So, you can use Gorilla Glue and simply glued the Smart Puck up under the bar and used a clamp or duct tape for about a day until it sets. We have not had any break free, but if it did, we can just glue it again.

If you have an owner who wishes to place the pucks under the front of the bar where the patrons can have free access to them, you may have to drill a hole for the power cord to go from the 6 port USB power box back inside the bar to get to an AC outlet. Improvise if necessary.



The new **108 Watt 6 Port charger** with the Lock Tight retaining bar has two screw holes for mounting. Plug in all the cables and then drop the lock bar over the cables. This new design will keep all the cables in place, which is very important.

CHARGING TIPS

The 6 port USB charging box is fused at each USB port. If a customer or employee plugs in a bad or shorted charging cable. The remaining ports should continue to work as each USB port is independent of the next. When the shorted charging cable is removed, the port should go back online. The system is 5 to 9 Volts DC at the puck. This is a very low voltage set-up which is why it should not be necessary for an electrician to be needed. Our chargers will not overcharge a phone or tablet, and cannot burn up, or blow up a phone battery. If a customer complains about a phone not charging, then they have either a defective phone or defective charging cables. We have seen many cases where customer cables get frayed or wear out and stop working. A new cable fixes the problem.

Customers will not need to be concerned about hooking into a system where their data is at risk. We have designed the 6 port charger with 6 independent transformers inside. This means that the data wires in the cables that go to the charger are not in a “hub” with the other phones on the charger at the same time. There is no cross feeding of data. The data wires end at the transformer and are used only to communicate with the phone or tablet to tell the device to start charging and accept the power from the 108 watt charger.

If you have any questions about this installation guide,
please call or text John Hefty at 702-630 2764. Thank you!

SIT N CHARGE WARRANTY

Thank you for choosing our charging equipment for your business. We are confident that our Smart Pucks, Stingrays, barrel cables, and 108 watt 6 port chargers will provide you with reliable and efficient charging for your customer's phones.

We offer a limited warranty for a period of two years from the date of purchase against any manufacturing defects that may arise with the charging equipment. If your charging equipment fails to function due to any manufacturing defect, we will replace it free of charge within the warranty period.

This warranty covers our Smart Pucks, Stingrays, barrel cables, and 108 watt 6 port chargers. However, please note that LED lights are not covered under this warranty.

For warranty claims, please contact our customer service department for further instructions. We may require you to return the defective charging equipment to us for inspection before a replacement can be issued.

Please note that this warranty does not cover any damage caused by improper use, abuse, neglect, or normal wear and tear. This warranty is limited to the replacement of the charging equipment and does not cover any incidental or consequential damages.

Thank you for choosing Sit N Charge for your charging equipment. We are committed to providing you with high-quality products and excellent customer service.