

Smart Jigger Quick Reference Guide

This information can be found at <https://sunfran.com/support>

Safety Warning:

- Always keep a safe distance when operating the Smart Jigger. The motor can move suddenly to restore or reset to a certain position when the unit is powered on or connected, and movement of the motor arm may cause injury. Never put your hands inside the box when the Jigger is in jiggling motion. Sunfran.com is not responsible for any injury caused by the device.
- Stainless case has sharp edges, wear gloves to avoid possible cuts or other injury.
- Unplug the back connector to disconnect power. The stop (red) button does not turn off power, it only stops movement of the motor.

Installation:

Please refer to our support page sunfran.com/support for mounting options.

- The Smart Jigger comes with over 12' of power cable. One end connects to the back of the Jigger box, the other has two battery terminals with a 10A fuse. Please connect the red wire to battery positive, and black to negative. It can be connected to either 12v to 24v of DC power source.
- If necessary, the roller arm attached to the motor can be gently rotated by hand during installation. **Power must be disconnected from Jigger when moving the motor arm manually.**
- Be careful not to disconnect any of the wiring inside the box during installation

Basic Operation:

The Smart Jigger can execute one of the two recorded presentations A or B, plus the Random mode. Touch/Short pressing A, B, or Random will start/switch over to that presentation.



If you have properly connected the device to a battery for the first time.

- Press A (or B) should replay factory programmed moves for A (or B)
 - *Note: The factory programmed moves are very basic. We recommend you always reprogram A and B according to your jigging cadance, based on the species and weather condition etc.*
- Press R to move randomly. Turn the TEACH dial up clockwise to allow wider range of movements
 - *Note: If you press R, and nothing happens, it's most likely the teach dial needs to be turned clockwise to increase the range.*
- Press STOP to stop

There is no ON/OFF switch, once it is plugged into power, the jigger is ready to use.

When the Jigger is overpowered by a fish or snag or a heavy setup, please press stop immediately, and turn the Teach dial counterclockwise all the way to 12 oclock position. Press A, B, or Random again to restart jigging.

How to TEACH A and B to move your way

Note: The factory programmed moves are very basic. We recommend you always reprogram A and B according to your jigging cadance, based on the species and weather condition etc.

- TEACH dial.
 - Moves the cover up and down, used to record presentations
 - Controls the range of random movements

- When not in use, it should be turned all the way counterclockwise to move the cover to lowest level
- STOP button: It stops the movement. It does not disconnect power. To disconnect power, please unplug the cord from the back of the box.
- Button A: This is one of the “presents”, or memorized presentations.
 - To Replay: Touch/Short press (less than 1 second) will replay this presentation.
 - To Record a presentation
 - Long press A (1 second or more) to start a new recording. It will erase/overwrite the previously recorded presentation.
 - Use the TEACH button to move the rod up and down, and when you are done...
 - Short press A to complete recording. And Jigger will immediately replay A automatically and repeatedly
- Button B: This is one of the “presents”, or memorized presentations.
 - To Replay: Touch/Short press (less than 1 second) will replay this presentation.
 - To Record a presentation:
 - Long press B (1 second or more) to start a new recording. It will erase/overwrite the previously recorded presentation.
 - Use the TEACH button to move the rod up and down, and when you are done...
 - Short press B to complete recording. And Jigger will immediately replay B automatically, and repeatedly
- R: This button moves the rod in random pattern
 - The TEACH dial controls the range of the movements. When the dial is in low position, the movement range is smaller, and in high positions, the movement range is bigger.
 - Touch/short press does random moves
 - Longer press (between 1 to 3 seconds) will trigger faster random moves.
 - When you press R and don't see any reaction, it's probably that the TEACH button needs to be turned up, as it controls the range or random movements

Factory reset

- Press R and hold for about 7 seconds, and release when you see the jigger starts to move. Factory reset will restore factor A and B presentation.

Usage and tips:

- Keep a relatively loose drag to protect the gear, allowing the fish to pull the line before it applies brute force on the jigger.
- The unit is not waterproof. Do not use it in rain, and close the cover while driving. Avoid splashing it with water at all times.
- The Jigger can support up to 7' medium rod, and up to 2.5 oz lure weight. If overloaded, the Jigger may stop functioning. We found that the KastKing Perigee II medium casting rod (<https://www.amazon.com/KastKing-Perigee-Fishing-Rods-Ring/dp/B07DC66GNK>) and Cannon rod holder worked well for us as the combo allows different positioning of rod over the

on the holder, you could move it forward or backward a notch or two according to the situation. We have no relationship with KastKing or Cannon besides that we purchase their products.

- Even when the Jigger is not hooking fish, it may attract a following of fish underneath. We found if you manually drop a rod to the bottom next to a Smart Jigger, oftentimes you get a hit.
- The factory programmed moves are very basic. We recommend you always reprogram A and B according to your jigging cadance, based on the species and weather condition etc.
- It takes some practice to TEACH a presentation. Move slower if the load (rod and lure) is heavy.
- For heavier load, try a shorter rod, or move back the rod inboard so that the weight is closer to the jigger hinge.
- When the wind and current are too strong, your line is far from vertical for jigging. You may try trolling with the device.
- Jigging would not work well in shallow (less than 6 ft or 2 meters of depths) water. The device would lift the lure above water. However, you may try trolling with the device.
- Trolling. Device must be pointed straight to the back of the boat, it should not be perpendicular to the boat, as it will damage the hinge of the device.
- One nice thing about the Scotty #368 sounder mount itself: it comes in two pieces, the top black plastic plate and the vertical black stem/rod, joined by a 1/4 in bolt and a nut. If you don't tighten the joint too much, the top plate pivots like a swivel
- Scotty #368 sounder mount is a light duty option. It should not be used during trolling or heavy duty purposes. It's recommended to tie a rope to the device so it does not fall overboard in case the sounder mount breaks off.
- We found scent on the the jigging spoon attracts more fish