Avalon / Tahoe
Waketoon User Guide
(Quick Reference Surf Guide)

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Before You Surf Reminders

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Pre-Surfing Reminders

- Check and review all local and state laws regarding boating and towing for water sports in your area.
- Understand towing rules, distance from docks, marinas and other boats (200-400 ft)

- Before starting to tow: Talk to Surfer, discuss towing plan, which direction you are headed, review boat settings (surf speed, side to tow (port-starboard) review hand signs.

- Discuss seating positions with passengers, Start with evenly distributed weight and locations. Adjust passenger locations to enhance surf side wake performance, experiment and adjust locations (side to side, front to back.

- Ensure Surfer is ready prior to entering water: Legal life jacket on, Surf rope ready, Surf -Board ready (off rack) and assign flag person.

Boat Trailer Operation (Launching- Loading)

- When launching your Waketoon ensure adequate water depth (min 4 feet when finished launching). Launch and idle off trailer **with outdrive trim up ,** ensure correct water depth before lowering outdrive into down position. Double check outdrive will clear any obstacles.

- When loading Waketoon onto trailer**, trim outdrive up** ensuring adequate clearance is provided, do not impact trailer with outdrive. Get familiar with outdrive trim positions while on trailer ensuring safe operation while launching and loading.

ENSURE OUTDRIVE DOES NOT IMPACT TRAILER

Waketoon Boat Set Up (for Surfing)

**Safely launch boat , drive to surf area (recommend low traffic areas)
Ensure minimum draft of 6 feet is maintained to avoid any outdrive
damage (impact issues) , Check your distance to docks and shore
minimum 200 ft (review local lake regulations)**

Start to prepare Waketoon for Surfing:

Stop boat and ensure area to surf is safe to start set up (no traffic, out of the way of other boaters)

A depth greater than 15 feet is recommended for best surf wake results

Engage Surf Screen , Locate ballast icon/ switch,   fill ballast tank to 100%, average fill time is 14 minutes (see following pages for instructions)

You can over-ride factory default setting as needed .See following pages for instructions)

Need to experiment and find the best wake for surfer experience

Set surf speed (cruise control) : Recommend 10.8 to start (range 10.6 to 10.9)

See Next Page For Recommended Settings

Select a Launch Profile (1 thru 5)

LAUNCH PROFILES:
We offer 5 different launch profile settings and these are based on surfers experience and size. From #1 being a slow steady increase for smaller surfers to #5, an aggressive hole shot for larger more experienced surfer. Select desired profile by pushing the 10.9 speed in picture, swiftly move throttle position from forward in gear detent to wide open throttle for desired results.

Recommended Surf Settings:
3 Skill Levels (getting started)

- **Beginner:**
- Trim angle: Use default
- Cruise Speed: 10.4- 10.6
- Tab Setting: use default
- Ballast level: 50%
- Passengers and equipment location:
- Evenly distributed

- **Intermediate:**
- Trim angle: Use default
- Cruise Speed: 10.6-10.8
- Tab Setting: Use default
- Ballast level: 75%
- Passengers and equipment location:
- Evenly distributed

- **Advanced**
- Trim angle: Default to custom
- Cruise Speed: 10.8 – 11.0
- Tab Setting: Default to customer preferred setting
- Ballast level: 100%
- Passengers and equipment location:
- Bias to surf side

SEE FOLLOWING PAGES FOR SET UP INSTRUCTIONS

Surf Profile Customization

- To save different values to a surf profile, set your desired values first, press and hold the preset you wish to change, and click save.
- You can also change the name of the preset by pressing and holding a surf preset, then click the name as shown. Use the pop-up keyboard to rename the preset and click save once done.
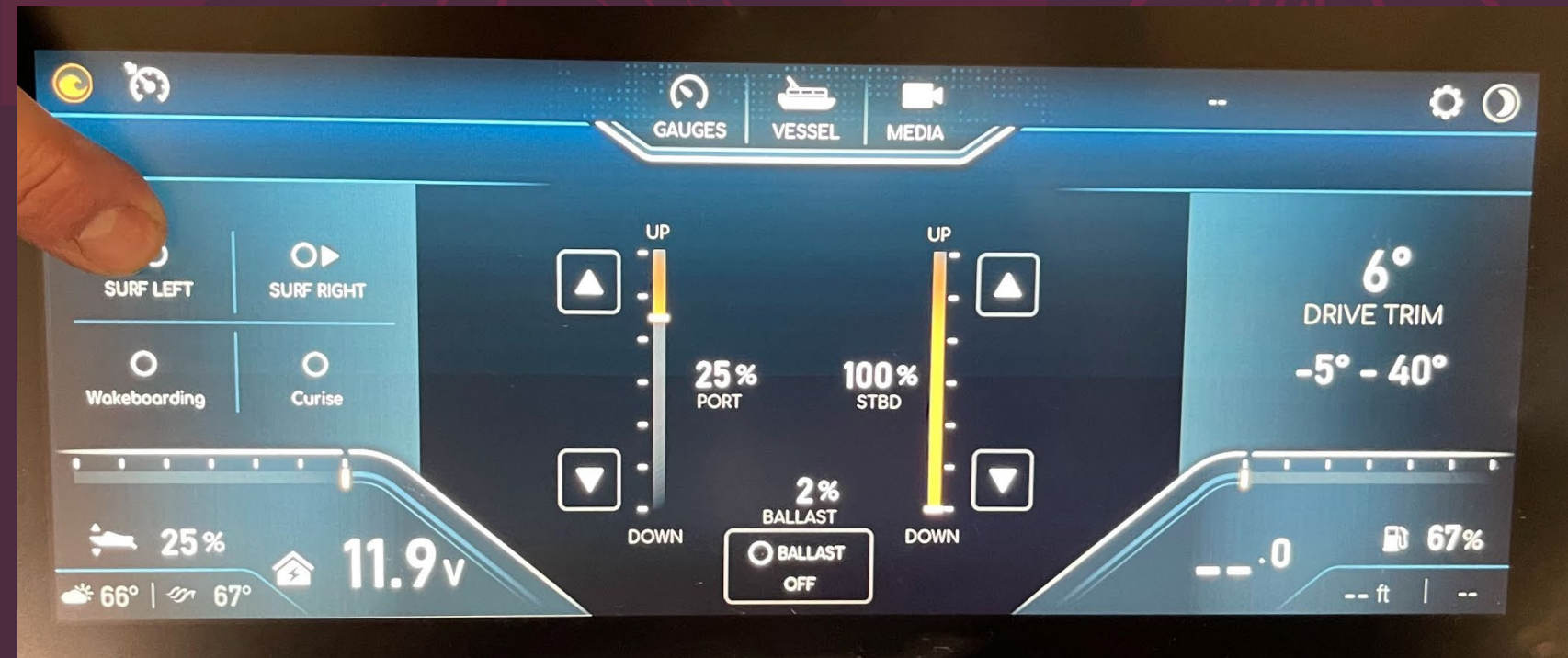
Surf Profile Defaults

- Default values for SURF LEFT are shown at 25% and 100%. Inversely, default values for SURF RIGHT are 100% and 25%. ***Disclaimer*** actual values may vary by 5%

- If you have overwritten a profile and wish to restore factory settings, press and hold the desired icon until the options menu appears and click RESET. This will also reset any renaming of profiles.
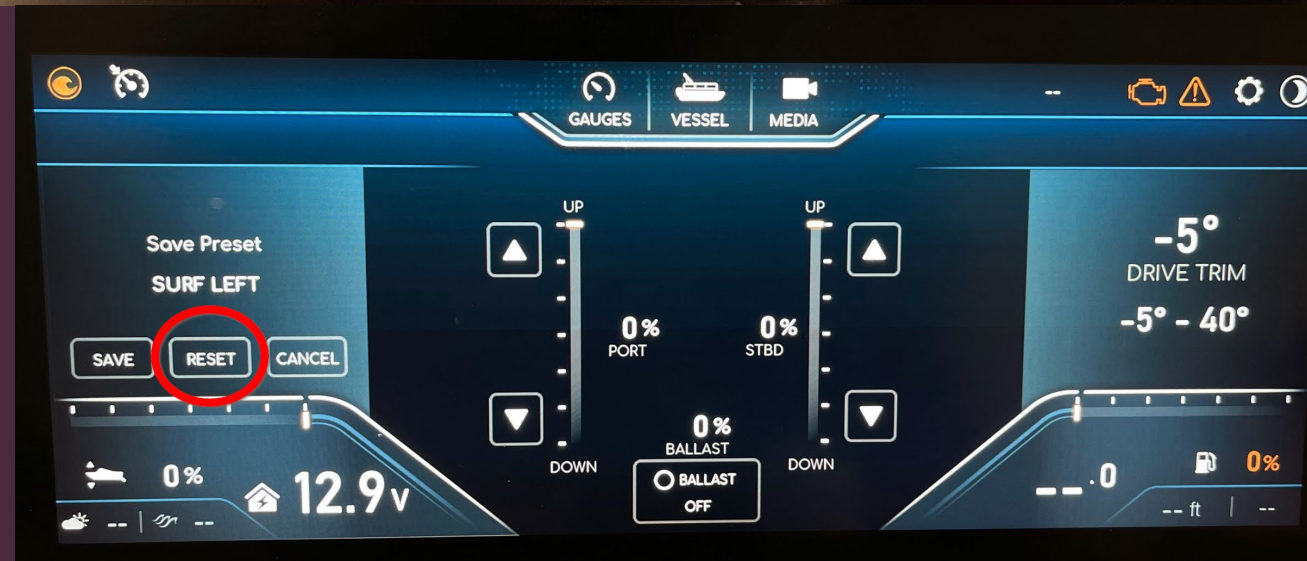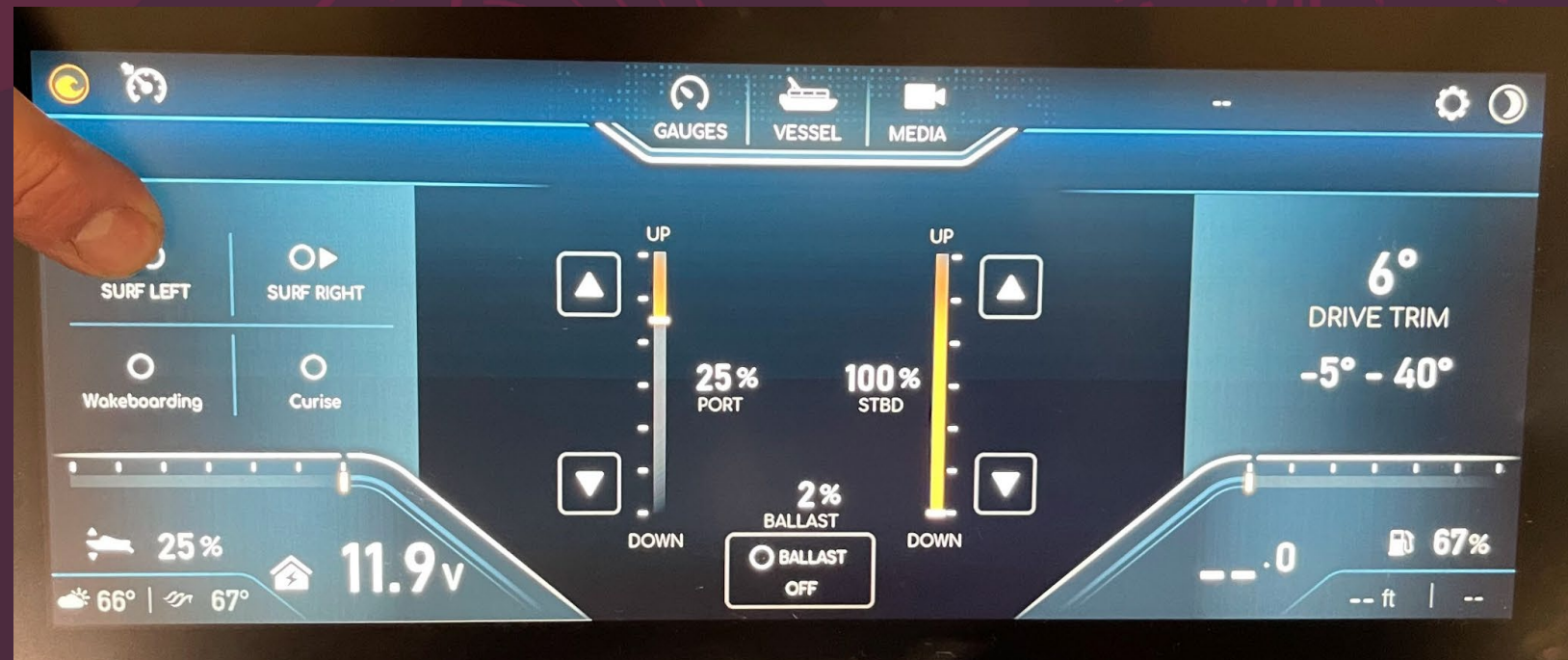
Dash Display and Settings

Display Screens:

TAP SURF ICON TO ENGAGE "SURF MODE" SCREEN

SURF SCREEN OPERATIONS

TAP TO SURF LEFT SIDE

TAP TO ENGAGE CRUISE (SURF SPEED)

THEN TAP (+ / -) TO ADJUST SPEED

Tap up / down icons to over-ride factory settings

TAP TO FILL / DRAIN BALLAST TANK

TAP TO SURF RIGHT SIDE

SURF SCREEN: OPERATION / STEPS

Step 1 : To expedite surfing experience: Once arrived at Surf location, Fill ballast tank to desired % first . At the same time , prepare "set up "for surf session. When you finish surf session, drain ballast tank prior to returning to cruise mode.

Step 2 : Understand your surfer, chose which side to surf on (select surf left or surf right icons)
Tabs will automatically adjust to factory settings. You can over -ride if needed to alter wake characteristics.

Step 3 : Set your cruise control speed. For beginner's, key in 10.4-10.6, for intermediate key in 10.6-10.9, advanced key in 10.8-11.0. Once surfing adjust cruise as needed to optimize wake characteristics.
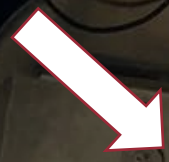
BALLAST TANK: FILL /DRAIN OPERATION/ ICON

TO FILL AND DRAIN BALLAST TANK, TAP BALLAST ICON, WATCH % FILL OR DRAIN (0-100 % adjust as needed)

Recommend filling Ballast to 75% and moving to 100% (as needed)

Tab locations and Settings

PORT SIDE TAB & ACTUATOR

STARBOARD SIDE TAB & ACTUATOR

Surf Tabs: When selecting (Surf Side) Tab settings Default To Factory Settings:

TAP TO SURF LEFT SIDE

TAP TO SURF RIGHT SIDE

TAP up/down icons to override factory settings as needed per surfer capability

Preparing to Surf

Take time to experiment with Surf settings, Try different settings, get familiar with operation and results.

Average time to adjust all surf settings prior to surfing can range from 5 to 15 minutes (for first time users) once familiar with settings, average time is 5 minutes

Experiment with Waketoon settings until you are comfortable with wake characteristics, once achieved, save and store for future rides.

Now that the wake is set, prepare to set Surf rope length.

Attach rope to pylon and cast line over transom into the wake (surf side).

Adjust the length so the handle is just hitting the curl of the wake, just before the white water (typically about 15 feet from end of boat . This will be a good starting point.

Basics of Surfing: How to Get Started

- Getting up:
    - Locate board perpendicular to the boat
    - Locate your heels towards the rear edge of the board
    - Let rope handle locate to the middle of the board
    - Bend your knees, hold on tight, give the ready sign, boat starts to accelerate, proceed to stand up

- Once up, continue to hold rope handle and maintain balance:

- Locate the Surf Pocket while your surfing (sweet spot) approximately middle of the wake. You should be able to ride (remain natural) Meaning, no need to lean forward or backward to surf, just maintain your position and coast with a slack rope (no tension on rope needed to surf)

- After holding the rope for a few rides, start to experiment (find the natural Position on the wake, When ready throw the rope off to the side. Maintain your position for a minute or two before moving around on the Wake while surfing.

See Photos for Reference (next page)

Pictures of Getting Started and Surfing

Perpendicular board, heels back, rope centered, let boat pull you up

Feet located, balance, bend knees, hold rope , move around wake with rope

Lean forward to speed up, lean back to slow down

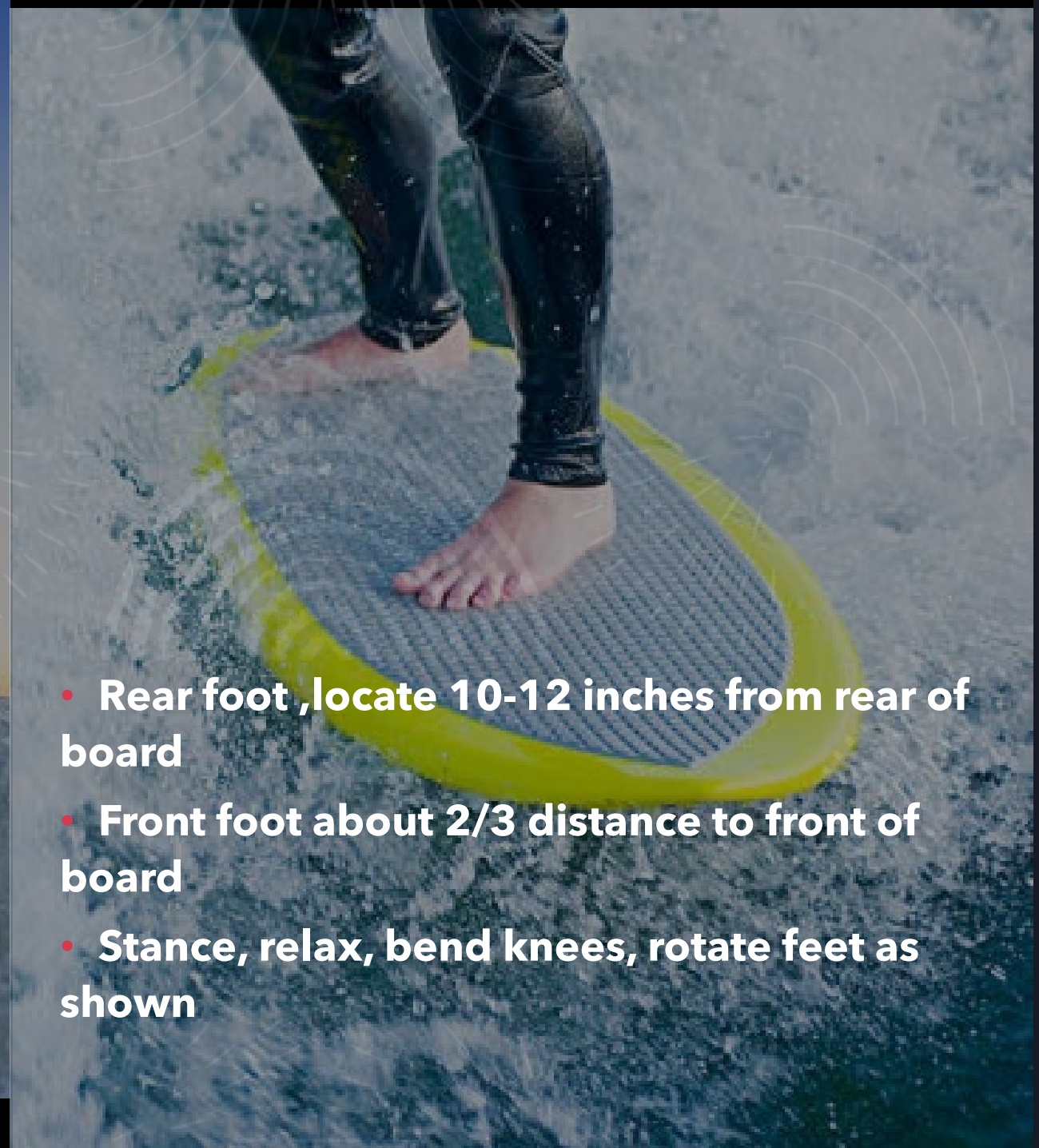Once comfortable, throw rope in, balance, ride wake

Start to move around on wake, experiment

Once up, stay perpendicular to the board, use hands and body to balance, lean forward to speed up, lean back to slow down.

- Rear foot ,locate 10-12 inches from rear of board
- Front foot about 2/3 distance to front of board
- Stance, relax, bend knees, rotate feet as shown