3-in-1 Event Screen

Available as an option on some TXi models, the 3-in-1 Event Screen is a combination touch and push button control. The display unit is a multi-functional tool that provides GPS tracking and multi-media functions. It also enables operators to view various engine parameters and service codes.

CARE AND MAINTENANCE

General maintenance is not required. However, a soft cloth can be used for cleaning the unit face. Window cleaner or alcohol can also be used to clean the glass portion of the display. Do not use harsh or abrasive cleaners on the unit.

NAVIGATION FEATURES

All product features are easily accessible through Quick Access Keys and Touch Point commands.

Home Screen and Buttons

The following information is displayed:

- Actual speed
- RPM
- MPH/KPH
- Number of detectable satellites
- Type of satellite signal
- ZeroOff GPS Speed Control® switch
- Set speed increase/decrease touch points
- Pull-out section for ski options
- Pop-up sccreen for slalom settings

GPS INFORMATION

Satellite Signals

The unit depends on satellite signals to enable the GPS. A minimum of four satellites is required to get a fix or clear signal. Satellite scenarios are described as follow:

Differential Satellite Fix: A Differential fix means that not only does the GPS have enough satellite information to calculate a position, but it also has information from ground-based reference stations. This is the most accurate type of fix. Accuracy can be as good as 10 centimeters.

Non-differential Fix: A Non-differential fix means the GPS has enough satellite information to calculate a position but not information from the ground-based reference stations. Average accuracy with this type of fix is usually 15 meters.

No Fix: A No Fix means the GPS cannot detect any satellites and therefore doesn't have enough information to calculate a position.

ZERO OFF GPS SPEED CONTROL®

To turn on or off Zero Off Speed Control, touch the On/Off button at the bottom of the screen.

Adjust the Set Speed with these arrows.

THREE EVENT INFORMATION

The unit is named for the three events that can be monitored: Slalom, Jump, and Trick.

Touch the right arrow and the screen will shift to show the following Change Event options:

Slalom

When Slalom is chosen, the screen shifts again and the following appears:

When in Training mode, the Set Speed may be set to any value.

When in Tournament mode, the Set Speeds are pre-defined and limited to the following values:

15.5	17.4	19.3	21.1	23.0	24.9
26.7	28.6	30.4	32.3	34.2	36.0

When in Tournament mode, the buoy times will be displayed while running a course:

SLALOM SETTINGS

Select Slalom, then touch the symbol in the upper left corner of the screen. The following will appear:

BUZZER VOLUME

The buzzer volume adjustment compensates for increased engine noise. As the boat speed increases, and therefore the noises from the engine increase, the volume of the buzzer will increase proportionately to the boat's speed between 0 and 25 mph (40.2 km/h). No further increase occurs at speeds above 25 mph (40.2 km/h). The buzzer emits a sound when the set speed is reached and when reaching the buoys at a course. Select Buzzer Volume, and the following appears:

Select the volume for High and Low speed by utilizing the up and down arrows. Touch Back to return to the Slalom Settings screen.

TIMING RECAP

The timing recap will display the buoy times for the last two course runs.

Touch Exit to return to the Home screen.

SLALOM WAIT TIME

Wait Time is the amount of time a skier can wait in the water before the warning timer starts to beep, indicating it is time to pull up the skier. As the warning timer nears the end, a beeper start to indicate the amount of warning time is close to the end. The beeping continues to increase in speed and volume in relation to the amount of warning time remaining. Each press of the up or down arrow increases or decreases the time by five seconds.

JUMP SETTINGS

Select Jump, then touch the symbol in the upper left corner of the screen, and the following will appear:

BUZZER VOLUME

The buzzer volume adjustment compensates for increased engine noise. As the boat speed increases, and therefore the noises from the engine increase, the volume of the buzzer will increase proportionately to the boat's speed between 0 and 25 mph (40.2 km/h). No further increase occurs at speeds above 25 mph (40.2 km/h). The buzzer emits a sound when the set speed is reached and when reaching the buoys at a course. Select Buzzer Volume, and the following appears:

Select the volume for High and Low speed by utilizing the up and down arrows. Touch Back to return to the Slalom Settings screen.

TIMING RECAP

The timing recap will display the buoy times for the last two course runs.

Touch Exit to return to the Home screen.

JUMP SWITCH

This number either increases or decreases the intensity of the "bump" value upon jump switch engagement.

The number on the left side of the colon is for the first segment in the jump and the number on the right side of the colon is for the second segment of the jump. Depending on the boat, it can help jumpers achieve a balanced time.

Touch each number to view and select an alternative number.

Your authorized Malibu dealer can help you detrmine the strength number that is best for your boat.

JUMP SWITCH TIMEOUT

This is the amount of time that the boat will apply the accelerator on the jumpers counter cut (or anytime the jumper is out of the actual jump course).

This setting is adjustable for extreme headwinds or tailwinds, but it is

recommended that it be left at 1.8 in nearly all instances.

Touch Back to return to the Jump Settings screen.

TRICK SETTINGS

Select Trick, then touch the symbol in the upper left corner of the screen. The following will appear:

BUZZER VOLUME

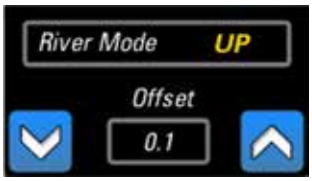
The buzzer volume adjustment compensates for increased engine noise. As the boat speed increases, and therefore the noises from the engine increase, the volume of the buzzer will increase proportionately to the boat's speed between 0 and 25 mph (40.2 km/h). No further increase occurs at speeds above 25 mph (40.2 km/h). The buzzer emits a sound when the set speed is reached and when reaching the buoys at a course. Select Buzzer Volume, and the following appears:

Select the volume for High and Low speed by utilizing the up and down arrows. Touch Back to return to the Slalom Settings screen.

RIVER MODE AND OFFSET

This feature provides speed adjustment compensation for the water current. Choices are Off, Down and Up.

Offset is the speed of the water flow used in the correction.



COURSE MANAGER

Touch Course Manager and the screen will expand to display the following:

Utilize the up and down arrows on the right to scroll through the available courses. press Select Course when the desired course is highlighted (as in Course 3 shown in the image).

To delete a course, highlight the specific course and touch Delete.

To edit the name of a course, highlight that course and touch Edit. A keyboard will appear to rename the course.

To map or remap a course, touch Map (if not previously mapped) or Re-Map (if previously mapped) Course. The following screen will appear:

Touch the preferred course type, and the highlighting will be bright white (as shown for Slalom - 6 Buoy in the image).

Touch Continue, and the following screen will appear:

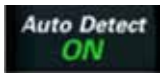
Follow the prompts as you run the course.

The blue bar will show the progress through the expected course.

Press the End Gate button when crossing the final gate. If the mapping was unsuccessful, this screen will appear.

If the remap was successful, this screen will appear.

Touching Continue will display a keyboard for the user to name the course that was just mapped.

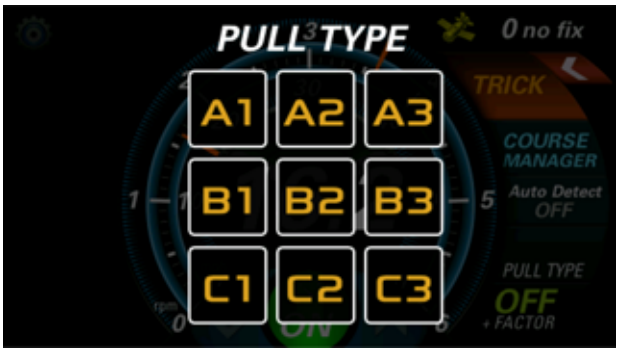


AUTO DETECT

Zero Off auto-detects previously mapped courses within a 1-km radius of the boat. When an auto-detected course should be over-ridden, simply touch Auto Detect to turn it off.

Auto detect will be re-enabled any time the user changes modes between slalom, jump or trick.

PULL TYPE



Touch the Pull Type Off (which means it is currently not operating) to turn this feature on, and the following screen will appear:

No two skiers are alike. Therefore the pull types exist to customize the ride to the skier.

Keep in mind the concepts of Pull and Release. As you begin your pull, the boat speed begins to drop below the set/target speed. As you let up on your pull, the boat speed begins to rise higher than the set/target speed. The letter tells the engine how quickly to begin the apply or reduce power to get back to the set speed. The lower the letter (A being the lowest) the longer it will take for the engine to respond to the speed drop. The higher the letter (C being the highest) the faster the engine will respond to the speed drop.

Choose the appropriate type based on the following criteria:

Category A—This provides a slower engine response out of the buoy, but the boat will tend to move ahead as the skier approaches the buoy.

Category B—This provides a moderate engine response compared to A and C.

Category C—This provides a fastr engine response out of the buoy, but the boat will tend to hold back as the skier approaches the buoy.

The numbers decide how strong the pull of the boat will be felt by the skier.

Setting 1—This requires the lowest amount of load before the system initiates an RPM spread, and provides for a softer pull behind the boat.

Setting 2—This provides for a moderate pull behind the boat as compared to 1 and 3.

Setting 3—this requires the highest amount of load before the system initiates an RPM spread.

PLUS (+) FACTOR

For each letter setting, the + provides faster engine response. This will benefit skiers looking for immediate react from the engine/throttle.

NOTE: The engine will respond quicker on A+ than on C.

Touch the + Factor to turn On and Off.

TROUBLESHOOTING GUIDE

Display appears not to work or doesn't come on.

1. Display could be in SLEEP mode. Touch a key on the keypad to activate the display.
2. Check for loose connections at the battery and display unit.
3. Check for reversed polarity on the power connections.
4. Verify the battery has a minimum voltage of six (6) volts.

Display resets or goes OFF when starting the engine.

1. Check that the display supply wires are connected properly to the battery.
2. Verify that the battery is charged properly.
3. Check the battery for efficient starter current.

Display has no backlight.

1. Contact your authorized Malibu dealer for assistance.