

AUTOTETHER™

***BOAT SAFER.
BOAT SMARTER.***

Questions?

Please contact us using our toll free number or
through email.

We look forward to hearing from you!

Autotether, Inc.
145 Dividend Road
Rocky Hill, CT 06067-0432
Phone: (888) 593-4181
Fax: (860) 721-0794
Email: info@autotether.com
www.autotether.com



Autotether™ Owner's Manual



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Thank you for purchasing AUTOTETHER™ – the most advanced user-friendly wireless lanyard safety system on the water. Your AUTOTETHER™ system is a multifunctional 2.4 GHz radio integrated into an 8 bit microprocessor. This system has been designed to assist you and your guests in having a safer boating experience.

The AUTOTETHER™ System package comes with the following components:

- 1 Transmitter/Receiver (Host) with attached ignition switch clip
- 2 Personal Sensors (FOBs), one yellow (for the operator) and one white (for the passenger)
 - *Additional FOBs can be ordered from the AUTOTETHER™ website – <http://www.autotether.com>*
- 12 AAA Alkaline batteries
- 1 Screw Driver
- 1 Alcohol Cleaning Packet

Before we get started, please pay attention to the following IMPORTANT INSTRUCTIONS

Read the manual thoroughly and if you have any questions call Autotether support at (888)593-4181

subassemblies, or any configuration not sold by Autotether, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Autotether service personal for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Autotether, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

Statement of Remedy: In the event this product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representative in conjunction with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit.

The limited warranty set forth above is the sole and entire warranty pertaining to the product and is in lieu of and excludes all other warranties of any nature whatsoever, whether express, implied or arising by operation of law, including, but not limited to any implied warranties of merchantability or fitness for a particular purpose. This warranty does not cover or provide for the reimbursement or payment of incidental or consequential damages.

Legal remedies: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Procedure for obtaining performance of warranty: If after following the instructions in the owner's manual you are certain the product is defective, call customer service, toll free at (888) 593-4181 to obtain a **Return Authorization Number (RAN)**. Remove the batteries from the units and pack the product with the batteries carefully (preferably in its original packaging). The product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to:

Autotether, Inc.

RAN: (insert Return Authorization Number)

145 Dividend Road, Building 10

Rocky Hill, CT 06067

The FCC Wants You To Know

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this product not expressly approved by Autotether, Inc., or operation of this product in any way other than as detailed by the owner's manual, could void your authority to operate this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

One Year Limited Warrantee

Evidence of original purchase is required for warrantee service.

Autotether, Inc. (Autotether) warrants for a period of one year, to the original retail owner this Autotether product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below. The warranty to the original owner shall terminate and be of no further effect 12 months after the date of the original retail sale. The warranty is invalid if the product is (A) damaged or not maintained as reasonable or necessary, (B) modified or altered, or used as part of any conversion kits,

Important Instructions

- Prior to setting up the system and starting your engine(s) make certain the area around the propeller(s) is clear; AUTOTETHER™ will not prevent drowning or being struck by a propeller.
- When boating, always wear a Coast Guard approved personal flotation device.
- If the system is not installed properly it may not stop the boat's engine(s) as designed.
- AUTOTETHER™ is **only designed** to work with factory installed, fully operational emergency stop ("kill") switches. AUTOTETHER™ may not function properly if used with an aftermarket system or a malfunctioning system.
- Retain the Original Equipment kill switch clip on the vessel as a back-up safety device.
- Stopping the engine(s) may not stop the motion of the boat.
- AUTOTETHER™ does not provide a means to re-enter the vessel from the water.
- The distance at which the signal is diminished may depend on obstructions, other electromagnetic signals or other environmental conditions.
- Do not shield or cover the Fob with wet clothing, your arm ,leg or another person or pets body, which may cause the Fob to act as if under water, resulting in sudden accidental stopping of the vessel.
- If the Host case and/or gasket or the FOB case and/or gasket are damaged, the system may not function properly. The Host and the FOBs are water resistant to 3 feet (one meter) when the cases and gaskets are intact and properly installed.
- The Host unit and the FOBs **DO NOT** float.
- Part of the AUTOTETHER™ warning system is an audible, high pitch alarm. Hearing impaired individuals may not be able to hear the audio alarm.
- When picking up a person from the water, always use Coast Guard approved boating procedures and shut off the engine when the individual is within swimming distance from your vessel.
- Operating Temperature Range: 36°F -120°F

Getting Started

Basic Operation. The AUTOTETHER™ system comes with a transmitter (Host) that is attached to your vessel's dashboard and two (2) Personal Sensors (FOBs) one yellow for the operator and one white for the passengers. Additional white passenger FOBs can be ordered from the AUTOTETHER™ website. AUTOTETHER™ can monitor up to four (4) FOBs simultaneously. Both the Host and each FOB are powered by alkaline AAA batteries.

AUTOTETHER™ FOBs are worn by the vessel's operator and up to three (3) passengers. When the Host is properly installed and activated, it automatically establishes communications with each active FOB and continuously monitors each active FOB. If an active yellow (operator) FOB is submerged for more than 0.5 seconds, the Host triggers the AUTOTETHER™ audio alarm and shuts off the engine(s) by activating the spring-loaded AUTOTETHER™ kill switch clip, if a active white (passenger) Fob is submerged it will trigger the audible and flashing light alarm mode only, allowing the operator to respond quickly and pick up the passenger. In addition, if an active and registered FOB goes beyond the Host detectable range (typically 50 to 200 feet) the appropriate FOB alarm mode will be triggered, or if an active and registered FOB is manually turned off by pushing and holding the off button for more than 2 seconds, the AUTOTETHER™ audio alarm sounds and the spring-loaded AUTOTETHER™ kill switch clip is triggered, shutting off the vessel's engine(s)

It is important to note that for both yellow and white FOBs, if the off button on the FOB is pushed and held for more than 2 seconds when they are in contact with the Host this will trigger a full alarm mode shutting off the vessel kill switch. This is the only time when the white FOBs are capable of triggering the kill switch to shut off the engines

Installing Batteries. AUTOTETHER™ comes with 12 AAA heavy duty batteries that you must install in the Host and in each FOB.

- Using the screw driver supplied with the AUTOTETHER™ System, remove the back covers from the Host and each FOB. The covers are designed to retain the screws so they can't get lost.

- The 4 position switch as illustrate on page 11, defines the radio channel that the FOB and Host will communicate on. The FOB and Host will only communicate with each other if they are on the same channel settings. By moving the toggles to the "on" or "off" position will give 16 combinations (or channels).

OPERATION

- If the FOB turns on and no host is available on the same radio channel within 3 minutes it will turn off.
- If the FOB sees a boot message from a host within 3 minutes, it will reset it's timers and begin communication at the time slot indicated by it's FOB_ID
- FOB will communicate with the host every 0.5s
- If it misses 2 communications with the host, it will wait for new synchronization from the host. If it has not been synchronized within 3 minutes it will turn itself off.
- If the Fob receives a turn-off command from the host, it will turn itself off. The FOB cannot be manually turned off. The Host automatically turns off the FOB when it is turned off.

Troubleshooting

- The AUTOTETHER™ system is designed to be maintained by factory trained representatives. The system has extensive self-test capabilities.
 - The system will alert you when the batteries require changing.

WARNING

NEVER use partially discharged batteries.

NEVER mix partially discharged batteries with new batteries

- Two AUTOTETHER™ systems operating close to each other on the same communication channel will cause erratic behavior. See the FOB Dipswitch # 3 section of this manual to resolve this problem.
- If the YELLOW gasket installed on each FOB and the Host becomes damaged, please contact us for a replacement.
- For all other issues, please call us Toll Free at (888) 593-4181

- If the reset switch is held down for greater than 6 seconds and then the power switch is held down for greater than 1 second, unit enters test mode
- In Test mode, all LEDs will be amber, buzzer will be on for 1-2 seconds, then the unit will cause a watchdog fault.
- In watchdog Fault, after reset, buzzer chirps, reset LED blinks red
- Unit will try to re-acquire fobs, reset turns off buzzer/led fault indication (5sec on, 1 sec off)

FOB OPERATION

POWER SWITCH

- If the Fob is turned off, pressing the power switch immediately turns it on.
- If the Fob is turned on and the power switch is held for less than 2 seconds, nothing will happen
- If the Fob is turned on and the power switch is held for more than 2 seconds, the unit goes into a full alarm mode. A full alarm trips the actuator, audible alarm and flashing LEDs

LED

- If the unit is on and has not been registered with a host, the LED will be steady on.
- If the unit is on and registered with a host the LED will blink.
- If the battery is good (>3.5V) the LED will be flashing green. each 4 s
- If the battery is low (>3V, <3.5V) the LED will be flashing amber each 2 s
- If the battery is bad (<3V) the LED will be steady red when on

DIPSWITCH 1 – Mode 2 position

- Modifications to be performed by authorized Autotether representative only.

DIPSWITCH 2 – FOB_ID

- Modifications to be performed by authorized Autotether representative only.

DIPSWITCH 3 – RADIO CHANNEL

- Install six new (6) AAA batteries in the Host unit. Make certain to install the batteries according to the "+" and "-" markings on the battery tray.
- Install three (3) new AAA batteries in each of the FOBs. Make certain to install the batteries according to the "+" and "-" markings on the battery tray.
- Once the batteries are properly installed, replace the back covers of the Host unit and the FOBs. The Host unit back cover only installs in one direction.

NOTE

Prior to replacing the battery covers, carefully inspect the yellow gasket around the edge of Host unit and each FOB to make certain it is properly positioned. If a replacement is required, please call our toll free number to order a replacement.

Mounting the Host Unit.

- Locate a flat surface within 12 inches of your vessel's emergency stop ("kill") switch. **Make certain that the mounting area is clearly visible to the vessel operator.**
- Clean the surface using the alcohol cleaning packet (provided).
- Peel the backing off of the Dual Lock strips located on the back of the Host unit.
- Carefully position the Host unit and press it into place.

NOTE

Once the Host unit has been pressed into place, it can be easily removed for storage or for use elsewhere by pulling it away from the mounting surface.

DO NOT pull using the Host unit cord!

Initializing the AUTOTETHER™ System.

- Once the batteries are installed and the Host unit is securely mounted, remove your Original Equipment clip from your vessel's Emergency Stop ("kill") switch

CAUTION

DO NOT discard your Original Equipment clip!

Store it near the engine start switch; it serves as a back-up to the AUTOTETHER™ System switch.

- Push the Actuator clip on the end of the Host unit cord, onto the kill switch..As you push the Actuator clip on, note that the plunger pin inside the end clip needs to be fully compressed and locked. You should hear a click when it locks . *Because the clip is spring-loaded, it will take more force to position it on the switch than your Original Equipment clip.*
- Press the recessed ON/OFF button on each FOB; the light on each FOB should illuminate steady GREEN.
- Press the POWER button on the Host unit – AUTOTETHER™ will automatically initiate a system check, battery test and searches for active FOBs.
 - Host POWER light flashes GREEN – the HOST batteries are good
 - Host RESET light flashes AMBER - the system is searching for active FOBs

WARNING!!

If the POWER light is AMBER, the batteries are low and should be replaced.

If the light is RED, replace the batteries in the HOST.

It is strongly recommended that all of the batteries in the AUTOTETHER™ system be replaced at the same time.

The System is ready when:

- Host POWER light flashes GREEN – the HOST batteries are good
- The FOB Signal lights on the HOST flash GREEN for each FOB recognized
- The light on each FOB flashes GREEN every 4 seconds

After about 2 minutes, the RESET light and the FOB Signal lights on the HOST will go out

System Test

A complete system test should be performed before initially getting underway. This check is performed dockside with the vessel's engine(s) OFF. Once the AUTOTETHER™ system is ready (POWER light GREEN; each active FOB light GREEN; and the Kill Switch actuator in place):

- Press the recessed ON/OFF button on one of the FOBs for 2 seconds

CHARGE & ACTUATOR (HARDWARE) SELFTEST

- The host will monitor the capacitor voltage at the actuator to test charger circuit and presence of the actuator coil.
- If voltage stays below 90V for greater than 30 seconds) it will be a Fault
- If the Voltage is greater than 106V for 3.5 seconds , it will be a fault
- If A/D converter self-test fails, it will be a fault

ALARMS AND FAULTS

ALARM OPERATION – LOST FOB

- The audible alarm chirp (0.5sec on 0.5sec off)
- If the missing FOB is armed, the actuator will be tripped upon entering alarm mode using the yellow operator FOB.
- If the missing FOB is armed, the audible alarm and flashing LEDs will be energized upon entering alarm mode using the white passenger FOB.
- The RESET LED will be flashing red. (0.5sec on 0.5sec off)
- If the RESET button is pressed, the audible alarm will be turned off, the missing FOB will be unregistered and Surveillance will continue of the remaining FOBs.
- If the Power switch button is pressed (less than 2 s) during the alarm state, it will be ignored. Reset button must be pushed first before power switch button will respond.
- The system is immediately re-armed and will trip in the appropriate alarm mode again if a second FOB is lost.

BATTERY FAULT – Host or Fob

- POWER LED blinks Red (for unit with bad battery), buzzer chirps (1sec on, 0.5sec off)
- Operation otherwise normal.

CHARGE & ACTUATOR (HARDWARE) FAULT

- In Fault Condition, All LEDs blink Red, the buzzer chirps, the capacitor charging is disabled and the unit waits to be shut off. (2.5sec on 0.5sec off)

TEST MODE (LEDs, BUZZER, WATCHDOG)

RESET SWITCH LED

- If the system is searching for FOBs, the LED flashes amber. 2s
- If the system is in alarm mode and needs to be reset it flashes red. 1s
- In all other situations, this LED is off.

FOB LEDs ON THE HOST

- Each LED is associated with one FOB
- If FOB is unregistered, its LED is off
- If the FOB is registered and OK, Flash green 1s in search mode
- If the FOB battery is low, Flash amber 1s in search mode
- If the FOB has a bad battery, it blinks Red 1s in search mode
- If the FOB is missing and in Alarm mode, On steady Red.
- If the host is not in search mode or alarm mode, the LEDs are off

AUDIO BUZZER

- When in Alarm Mode, the buzzer chirps (0.5sec on / 0.5sec off)
- Battery Fault, audio chirps synchronized with red Flashing LED (1.0sec on / 0.5sec off)
- Hardware FAULT Condition, (Capacitor or coil is bad), buzzer chirps (2 .5sec on 0.5sec off)

OPERATION – SEARCH

- When the host is turned on it searches for FOBs.
- As soon as at least one FOB is registered, the system will be armed.
- If the host finds a FOB during its search, it will register the FOB and light up its associated LED.
- If the host finds all four FOBs it will stop searching
- After 3 minutes of searching, the host will stop searching. If no FOBs have been found it will turn itself off.

FOB SURVEILLANCE OPERATION

- FOB and host will communicate every 0.5 seconds
- If the host misses two communications from the FOB, it will set itself into ALARM mode
- If the host gets an emergency alarm request from the fob, it will set itself into ALARM mode

- The FOB will flash RED for full alarm mode
- AUTOTETHER™ senses a “man overboard” condition (signal loss)
- The AUTOTETHER™ alarm sounds
- The Kill Switch actuator is triggered for the operators yellow Fob
- Press the RESET button on the Host to silence the alarm
- Re-engage the actuator clip on the Kill Switch
- If more than 3 minutes elapses while the FOB and Host are in alarm mode the FOB will turn itself off to save battery life, so turn on the deactivated FOB by pressing the recessed ON/OFF switch; FOB light is steady GREEN again
- Press the Host POWER button to re-set the system
 - The Host will search for and recognized the re-activated FOB
 - FOB light flashes GREEN
 - Host POWER light flashes GREEN
 - Host FOB Signal lights flash GREEN for approximately 30 seconds, then goes out
 - Host RESET light flashes for approximately 30 seconds, then goes out
- Repeat this check for each FOB (maximum of 4)

System Distance Check

A system distance check should be performed before initially getting underway. This procedure verifies system range. This check is performed dockside with the vessel's engine(s) OFF. Once the AUTOTETHER™ system is ready (POWER light GREEN; each active FOB light GREEN; and the Kill Switch actuator in place):

- Take one activated FOB and walk away from the vessel until the AUTOTETHER™ alarm sounds
 - The FOB light will go from Flashing GREEN to Steady GREEN when the FOB has gone out of range

Note

The FOBs and Host communicate via a radio signal. If the signal is disrupted or goes beyond range, the AUTOTETHER™ alarm mode is activated. This procedure checks the range feature of the system. Radio signals are subject to interference by objects and various types of materials. For this reason, some variance in distance from the Host is acceptable.

- Return to the vessel and press the RESET button on the Host to silence the alarm
- Press the Host POWER button to re-initialize the system and register the FOB
- Repeat this check for each FOB

Controls & Indicators

Host Controls and Indicators

- POWER Button
 - Press the Power button to turn AUTOTETHER™ Host ON
 - When the Host is turned ON, it automatically begins searching for FOBs to register
 - If no FOBs are found after 3 minutes, the Host will turn itself OFF to conserve battery power
 - If Host is on, press and hold POWER button for 2 seconds to turn Host OFF, this will also turn off all FOBs automatically. There is no other way to turn off the FOBs other than turning off the HOST.
 - If Host is on, press and hold POWER button for less than 2 seconds to start FOB search mode
 - button is disabled when the AUTOTETHER™ alarm is sounding
- POWER Button Light Emitting Diode (LED)
 - Host OFF – LED OFF
 - Host ON, Batteries Low – LED Amber
 - Host ON, Batteries Bad – LED RED
 - Host ON, hardware fault – LED RED
 - Host ON, software fault – LED RED
 - Host ON, Batteries Good – LED GREEN
 - Host ON & 1 or more FOBs registered – LED Flashing GREEN

FOBs.

NOTE

DO NOT press the Host POWER button while the passenger is in the water – wait until the passenger is safely recovered. If you press the POWER button while the passenger is in the water, the overboard passenger's FOB will be recognized, until it goes back under water, triggering the alarm.

Operation – Detailed Outline

HOST OPERATION

POWER SWITCH

- If the Host is turned off, pressing the power switch immediately turns it on.
- If the Host is turned on, pressing the power switch and holding it for 2 seconds turns the host off. Any connected Fobs will also be turned off.
- If the Host is turned on and the power switch is held for less than 2 seconds, the host enters search mode
- In alarm mode, the power switch will do nothing. The reset switch must be pressed first.

RESET SWITCH

- If the system is in an alarm mode and the reset switch is pressed, this silences the audible alarm.
- If the system is not in alarm mode, the reset switch has no effect.

NOTE: LED Flash times indicate cycle time. On time is always 0.5s

POWER SWITCH LED

- If the unit is on and has not registered any fobs, the LED will be steady on
- If the unit is on has registered at least one FOB, LED blinks
- If the battery is good (>7V) the LED is green. Flash time 4s
- If the battery is low (>6V, <7V) the LED will be amber. 2s
- If the battery is bad (<6) the LED will flash red when on. 1.5s
- If the coil or the CAP is bad, the LED will be steady red.

- Using the Phillips screwdriver provided, remove the back covers of each FOB and the Host
- Using the tip of the Phillips screwdriver, carefully re-position the Dipswitch sliders to set **the same** new channel in each of the FOBs and the Host.
- Check the yellow gasket around each FOB and the Host and re-install the back covers.
- Test the Autotether™ system for proper operation.

Operation

Once your AUTOTETHER™ system has been installed, turned on and tested, it's ready for operation. The following scenarios are provided to give you an appreciation of the safety features provided by AUTOTETHER™.

Scenario # 1 – You are alone on the boat and getting ready to get underway. AUTOTETHER™ is ON and you are the operator and wearing your yellow FOB. The Host has registered the FOB, all system indicators are flashing GREEN and the kill switch actuator clip is installed. The engine is running as you move aft to pull up a fender. You trip and fall overboard.

When the FOB you are wearing is submerged, the AUTOTETHER™ alarm sounds and the kill switch actuator is released, shutting the engine off.

You climb back onboard. Press the RESET button to silence the alarm. Reconnect the kill switch clip and press the POWER button to re-initialize the system and register your FOB.

Scenario # 2 – You are enjoying a day of boating with three passengers. You are all wearing your AUTOTETHER™ FOBs and the system is flashing GREEN. One of your passengers falls overboard.

As soon as the AUTOTETHER™ FOB is submerged the AUTOTETHER™ alarm sounds and lights go steady red. You press the RESET button to silence the alarm. You maneuver to pick up your passenger, who is wearing a USCG approved flotation device.

While you are maneuvering to pick up your passenger you notice that one of the FOB Signal LEDs is RED – it belongs to the passenger who fell overboard. Everyone else in the boat is still being monitored by AUTOTETHER™. You pick up your overboard passenger and, once the passenger is safely aboard, you press the Host POWER button to re-initialize the system and register all of the

- RESET Button
 - Press the RESET button to silence AUTOTETHER™ alarm
- RESET Button LED
 - Host searching for FOBs – LED Flashing AMBER
 - Alarm activated – LED Flashing RED
- FOB Signal/FOB Battery Level LED's
 - One LED for each FOB (4 maximum)
 - Host OFF – LED's OFF
 - Host ON, hardware fault – All LED's Steady RED
 - Host ON, software fault – All LED's Flash RED
 - Host ON and
 - FOB OFF or Unregistered – LED OFF
 - FOB Registered & OK – LED Flash Green during Host search mode, then OFF
 - FOB Registered, batteries low – LED flashes AMBER during Host search mode, then OFF
 - FOB registered, batteries bad – LED flashes RED during Host search mode, then OFF
 - FOB registered, signal interrupted – LED steady RED (alarm mode)

FOB Controls and Indicators

- POWER Button
 - Press to turn FOB ON
 - If the Host is not found within 3 minutes, the FOB will automatically turn off to conserve battery power
 - The FOB communicates with the Host every 0.5 seconds
 - Hold OFF button for 2 seconds – alarm mode
 - LED will go steady RED

NOTE

You cannot turn off the FOB with the power button on the FOB. The FOBs will automatically go off 3 minutes after the Host is turned off.

- FOB LED
 - FOB OFF – LED OFF
 - FOB ON, Unregistered – LED Steady GREEN
 - FOB ON, low batteries – LED AMBER

- FOB ON, batteries bad – LED RED
- FOB ON, Registered – LED Flashing GREEN
 - If a registered FOB goes out of range or the signal to the Host is interrupted, the LED will change to Steady GREEN until the FOB is re-registered with the Host
 - If no Host is found after 3 minutes, the FOB will turn itself OFF

FOBs and Settings

The AUTOTETHER™ Host can monitor a maximum of four (4) FOBs simultaneously. The Host and FOBs come channelized and pre-set from the factory for normal operation. Once the AUTOTETHER™ system is properly installed and activated, the FOBs and Host communicate with each other every 0.5 seconds. If that communication is interrupted, the alarm mode sounds and for the operator or yellow FOB the kill switch actuator is triggered to stop the vessel's engine(s).

For proper AUTOTETHER™ operation and to prevent false alarms and inadvertent engine shutdown, it is critical that the FOBs be worn correctly by the vessel's operator and the passengers.

- The FOB should be worn so that it has uninterrupted communication with the host

WARNING!!

Covering a registered FOB with clothing, a flotation device or towel or with your arm or legs or another body of a person or pet may cause a disruption in communication and inadvertently trigger the alarm and kill switch actuator

- After the AUTOTETHER™ system is installed and before getting underway for the first time, it is recommended that you check onboard Host/FOB communication by carrying a registered FOB around all parts of your vessel – including below deck and into the head. Pay attention to any areas onboard that cause disruption of Host/FOB communication.

AUTOTETHER™ FOBs come pre-set at the factory for normal operation, however they can be tuned for specific purposes. Each FOB has three (3) separate Dipswitches that control specific FOB functions.

FOB Dipswitch # 1

Dipswitch #1 is preset at the factory and only authorized service personnel can modify.

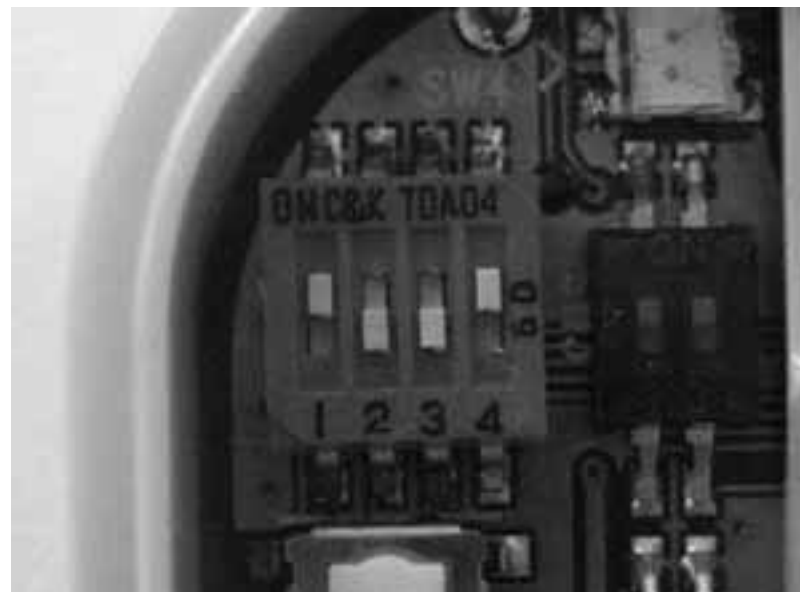
FOB Dipswitch # 2

- Two (2) sliders that set the FOB identification for the Host
- Dipswitch #2 is set at the factory and is sealed. No further adjustment is necessary.

FOB Dipswitch # 3

FOB Dipswitch #3 has four (4), two position sliders that control the channelization of the FOB. For the AUTOTETHER™ system to work properly, each FOB and the Host must be set to the same channel.

- There is an identical four (4) position Dipswitch in the Host unit



The Host and the FOBs channels are pre-set at the factory. In the rare occasion that two AUTOTETHER™ with the same frequency are operating in close proximity to each other, radio interference can occur and the units will operate erratically.

This malfunction can be corrected by simply separating the two systems so that their signals do not interfere with each other. As an alternative, the system channel can be changed using Dipswitch #3.

WARNING!!

Each FOB and the Host must be set to the same channel for the AUTOTETHER™ system to operate.