

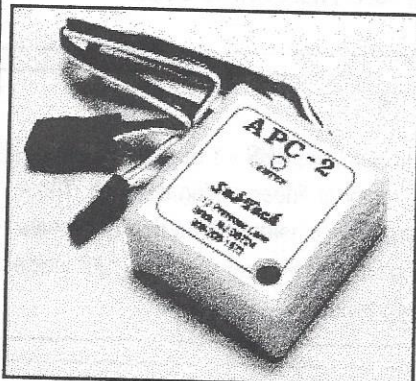
SubTech

Specializing In Model Submarine Technologies

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SubTech is dedicated to meeting the needs of the serious (and not so serious) model sub-mariner. With over seventeen years of "hands on" experience, our products are designed to help you operate your model submarine in its most demanding and difficult environment - under water. We have some great stuff for surface boats, too!



Automatic Pitch Control - 2

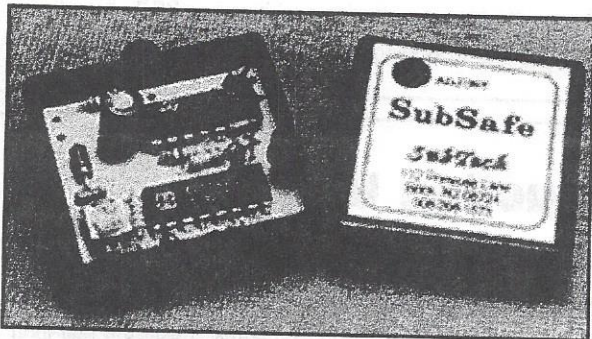
Specifically designed for model submarines, the **APC - 2** is an on-board control system which will **AUTOMATICALLY** keep your boat on an even keel when submerged. Connected between the receiver and the stern planes servo, **APC - 2** senses the slightest change in the boat's angle and proportionally moves the stern planes as much, or as little, as required to compensate. Control from the transmitter is available at all times allowing stern planes trim adjustment or that emergency 'hard dive' command allowing you to get out of the way of the inevitable 'target'. Thanks to a tiny liquid level ('tilt') sensor, **APC - 2** easily fits inside virtually any size pressure hull, from the smallest to the largest! **APC - 2** measures only 1 1/2" x 1 1/2" x 3/4" and is compatible with all positive pulse radio systems.

APC - 2 works great with horizontal stabilizers, too!

Photo not available

Automatic Depth Control - 1

Combining a state-of-the-art pressure sensor with microprocessor control, the **ADC - 1** will do for depth control what **APC - 2** has done for level control. Now you can keep your boat at periscope depth **AUTOMATICALLY** all day long! Want to run deeper? Just push the stick forward! **ADC - 1** features proportional servo control, the ability to maintain any depth up to approximately 3 feet, can be turned on and off from the transmitter, easy installation, and small size.

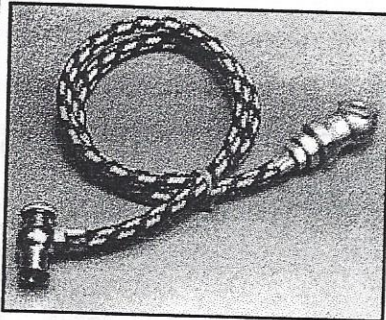


SubSafe

SubSafe is a missing pulse detector-type 'failsafe' which monitors the output from the receiver. When connected between the receiver and the 'ballast blow' switch, **SubSafe** will automatically bring your boat back to the surface. Can be used to control a servo, electronic switch, or any device which is normally operated from the receiver. Servo position or electronic switch 'on' point can be easily adjusted. To prevent false activation in case of a momentary 'glitch', **SubSafe** has a built-in delay of 7 seconds (easily changed). **Tired of losing your gas powered boat to that bulkhead? SubSafe works great there, too!**

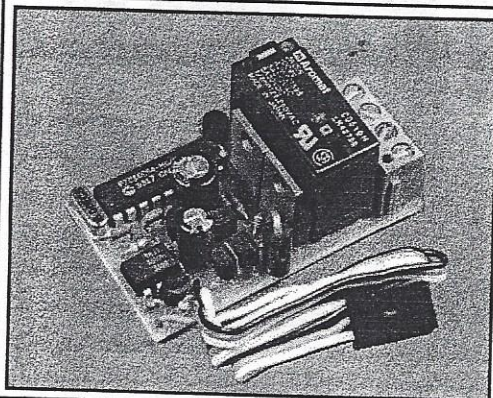
SubSafe measures only 1 1/2" x 1 1/2" x 3/4" and is compatible with all positive pulse radio systems.

VISA and MasterCard accepted



Universal Ballast System

- UBS** Universal Ballast System - Contains all components listed below plus various fittings and instructions detailing how to determine size and location of the ballast tank.
- SCA** Supply Can adaptor/Fill Hose assembly - Adaptor to fit all airbrush propellant cans. With 24" high pressure hose and female fill valve.
- VVA** Vent Valve Assembly - Complete one-piece assembly ready to install.
- CSV** Solenoid Valve - For airbrush propellant ballast systems. Rated 60 psi. Available 6 or 12 volts.



Jomar Nautical Throttle

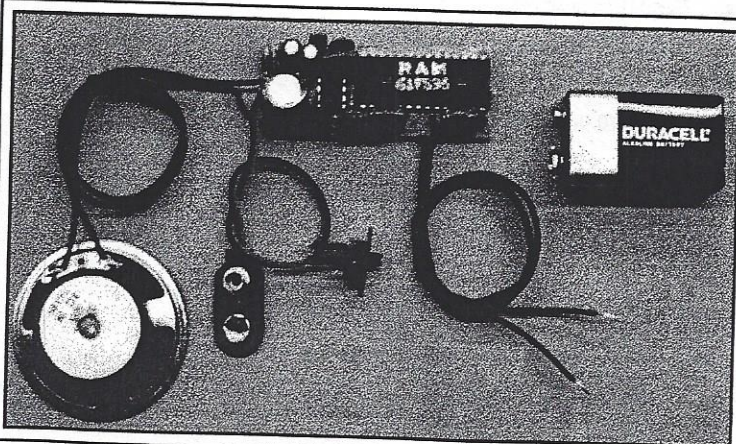
Simple, reliable electronic speed control which features microprocessor control, 30 continuous amps capacity, high-rate "chop" frequency for better efficiency and precision speed control, and "Throttle Guard" which will not allow the motor to turn on if the transmitter stick is not in neutral when the system is first turned on. Because of the microprocessor "soft start" control circuitry, going from full reverse to full forward (or vice versa) will not "slam" the drive train. Optical isolation prevents motor "noise" from reaching the receiver which results in smooth, reliable operation. Measures 1 1/4" x 2 1/8" x 3/4"

Fiberglass Sheet

Flat polyester panels in .040", .060", and .090" thickness. Translucent, waterproof, and extremely durable. Easy to work with (.040 and .060 can be cut with tin snips). Ideal for decks, bulkheads, or just about anything else you can think of! Thickness tolerance is +/- .005. Panel sizes available: 6" x 12", 12" x 12", 12" x 24", 12" x 36"

Pressure Hull Plans

This is a step-by-step, illustrated guide for constructing a universal pressure hull for virtually any size boat. Using easily obtained components and requiring only basic tools, a strong, dry pressure hull can be assembled in far less time than it takes to build watertight compartments into your boat's hull. The result is also much stronger which means that there's no loss of buoyancy as your boat goes deeper, a common problem with large, flat bulkheads and hatches. This also allows you to have more than one boat without duplicating all the gear that goes inside.



Sounds

Looking for that extra touch of realism? These are high quality digital recordings of the actual search pulse (ping) and submarine diving alarm.. Each system consists of a circuit board, a 2" speaker, and an on/off switch. 9 - 18 volts required for proper operation. Size is 1" x 2 1/2"

- SP 68 Sonar Ping
- SA 69 Diving Alarm

NEW Products!

ST-10 Electronic Speed Control

Simple, reliable electronic speed control which features microprocessor control, 8 amp (continuous) capacity, high-rate pulse frequency for better efficiency and precision speed control, and "Throttle Guard" which will not allow the motor to turn on if the transmitter stick is not in neutral when the system is first turned on. Because of the microprocessor "soft start" control circuitry, going from full reverse to full forward (or vice versa) will not "slam" the drive train. Measures 1 1/2" x 1 1/2" x 3/4". **\$74.95**

RS-5 Reversing Electronic Switch

The RS-5 Switch is ideal for applications that require reversing the rotation of small electric motors such as ballast pumps, thrusters, etc. Microprocessor control and low "on" resistance Mosfet assures reliable, efficient operation. Get rid of that servo and microswitch! **\$59.95**

Price List

Effective 2/1/96

APC - 2	Automatic Pitch Control	75.00
ADC - 1	Automatic Depth Control	109.95
SES - II	Dual Function Electronic Switch	37.00
BE/VR	Battery Eliminator	15.00
SubSafe	Missing Pulse Detect. Failsafe	29.00
BHS - 1	Bulkhead Seal	single 3.95
		set/4 14.95
SBS - 1	Stuffing Box w/Seal	15.00
Shaft Seal	Add on prop shaft Seal	6.50
DRU	Drive Reduction Unit	39.00
UBS	Universal Ballast System	80.00
SCA	Supply Can Adaptor	17.50
VVA	Vent Valve Assembly	37.50
CSV	Solenoid Valve	23.50
PHP - 1	Pressure Hull Plans Booklet	25.00
ST-10	Electronic Throttle	74.95
RS-5	Electronic Reversing Switch	59.95
Fiberglass Sheet	6" x 12" x .040"	3.00
	12" x 12" x .040"	5.00
	12" x 24" x .040"	8.00
	12" x 36" x .040"	11.00
	6" x 12" x .060"	3.30
	12" x 12" x .060"	6.00
	12" x 24" x .060"	10.00
	12" x 36" x .060"	14.00
	6" x 12" x .090"	3.50
	12" x 12" x .090"	6.00
	12" x 24" x .090"	12.00
	12" x 36" x .090"	17.00
Sub Commander	8 Ch. Submarine Radio System(FM)	239.95
Sea Farer	8 Ch. Nautical Radio System(FM)	239.95
Micro 2000 Receiver (FM)		79.95
SP 68	Sonar Ping Sound System	39.95
SA 69	Diving Alarm Sound System	39.95

Please add \$3.00 per order for shipping and handling. Canadian customers please add \$5.00 per order.
Sub Commander Systems require \$6.00 S&H in the U.S., \$12.00 in Canada.

Shipping is either UPS or U.S. Mail. Express Mail, UPS Next Day Air, and 2nd Day Air services are available at additional cost.

We accept VISA, MASTERCARD, check, or Money Order. When ordering with a credit card, please be sure to include the name as it appears on the card and the expiration date.

New Jersey residents please add 6% sales tax.