Product Specification Sheet

APS578

Rev. 1 - 01/04

NC501 Master Station Computer

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Master Station Computer(s) shall be Alpha Communications®/Tektone NC501 or approved equal. The NC501 shall use the Windows XP or Windows 2000 operating system and shall have at minimum an 800 MHz processor, 128 MB or RAM, a CD-ROM drive, an SVGA 800x600 minimum video adaptor and monitor, a keyboard and a mouse. The NC501 Master Station Computer shall be a dedicated system for the Tek-CARE®500 Wireless Emergency Call System.

The NC501 shall support up to 65,533 system addresses. The central computer and software shall interpret data received by the NC510 Receiver, and shall display all patient/resident, transmitter and pager information. The software shall alert staff via video display and speaker audio if transmitter is activated, develops a problem, or leaves the coverage location. The monitor shall display the location of placed calls (exact location for wall-mounted transmitters; assigned location or nearest NC512 Locator for pendant transmitters) and other pertinent information about calls in progress. Call information shall be stored in a historical record for later retrieval and analysis. The NC501 shall be able to send event information to optional NC397 staff pagers via the optional NC365A Pager Transmitter.

As with all computer systems, we strongly recommend a surge protector, lightning arrester and UPS be installed by the installer. We also recommend regular disk back-ups be performed.

NC501 Master Station Computer

The Alpha Communications® NC501 Master Station Computer is the Tek-CARE®500 Wireless Emergency Call System's central point for component integration. The NC501 interprets data received by the NC510 Receiver and alerts staff via video display and audio if a transmitter is activated, develops a problem, or leaves the coverage area. The monitor displays the locations of placed calls (exact location for wall-mounted transmitters; assigned location or nearest NC512 Locator for pendant transmitters) and other pertinent information about calls in progress. Call information is stored in a historical record for later retrieval and analysis. The NC501 also sends event information to optional staff pagers via the optional NC365A Pager Transmitter.

The NC501 supports thousands of system devices, including receivers, repeaters, locators, pendant call transmitters, wall-mounted call transmitters, wireless smoke detectors, motion detectors, door/window egress transmitters, maintained NO and momentary NO universal transmitters, emergency stations, and pocket pagers with pager transmitter.

SPECIFICATIONS

PC using Windows XP or Windows 2000 with:

- 800 MHz minimum processor
- 128 MB of RAM or higher
- SVGA 800x600 minimum video adaptor and monitor
- CD-ROM drive
- Keyboard and Mouse

REQUIRED COMPONENTS

NC510 Receiver and Tek-Care®500 peripherals (note: each NC510 requires the PK510 Power Supply unit)

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS574

Rev. 1 - 01/04

NC500SK
Site Survey Kit

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Site Survey Kit(s) shall be Alpha Communications®/Tektone NC500SK or approved equal. The NC500SK shall measure transmitter signal strength and signal margin (dBm above background noise of received signals). The site survey kit shall be able to determine if the performance of the transmitters to be installed, and if necessary, the amount and location(s) of NC511 wireless repeaters. The site survey kit shall be portable and easy to use.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

NC500SK
Site Survey Kit

The Alpha Communications® NC500SK is a portable, easy-to-use site survey kit that takes the guesswork out of creating a wireless installation plan with a quick and accurate site survey. The NC500SK is used to determine the optimum location for transmitters and repeaters in a Tek-CARE®500 Wireless Emergency Call System. The NC500SK demonstrates the superior range, performance and reliability in virtually any environment. The NC500SK is powered by a rechargeable battery and is complete portable.

FEATURES

- Survey any facility quickly and easily
- Completely portable
- Rechargeable battery operates up to 6 hours
- Demonstrates the range of Frequency Agile® transmitters

SPECIFICATIONS

Transformer:	Powers the battery charger when plugged in. The Survey Kit can be operated by 110VAC or by self-contained battery.
Programmer:	Programs the transmitters, diagnoses receivers, and determines signal margin.
Instructions:	A step-by-step detailed guide through the survey process.
Continuous Alarm Trigger:	Turns site survey into a one-person job.
Universal Contact Transmitter:	Activated by the Continuous Alarm Trigger, the Universal Transmitter sends a near-continuous stream of signals to the receiver.
Receiver:	Processes radio signals from transmitters and displays status.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

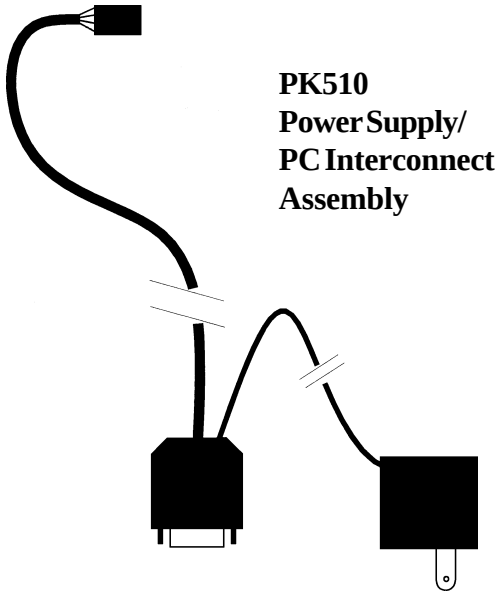
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS572

Rev. 1 - 01/04



PK510 Power Supply/ PC Interconnect Assembly

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Power Supply/PC Interconnect Assembly shall be Alpha Communications®/Tek-tone PK510 or approved equal. The PK510 shall provide 12 VDC (200mA) power to the NC510 Receiver. The PK510 shall also provide the serial data interface between the NC510 Receiver and the NC501 Master Station Computer in the Tek-CARE®500 Wireless Emergency Call System.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

PK510 Power Supply/PC Interconnect Assembly

The Alpha Communications® PK510 Power Supply/PC Interconnect Assembly supplies 12VDC at 200mA to the NC510 Receiver. The PK510 also enables communication between the NC510 Receiver and the NC501 Master Station Computer in the Tek-CARE®500 Wireless Emergency Call System.

FEATURES

- UL Listed Power Supply
- Easy installation
- Cables included

SPECIFICATIONS

Input:	120 VAC
Output:	12 VDC, 200mA
Power Cable:	6', runs between the NC510 Receiver and a 120 VAC outlet
Serial Cable:	40', runs between the NC510 Receiver and the NC501 Master Station Computer

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS575

Rev. 1 - 01/04

NC510 Receiver

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The receiver(s) shall be Alpha Communications®/Tek-tone NC510 or approved equal. The receiver shall interface with the NC501 Master Station Computer. A serial data interface shall translate messages from the wireless receiver to the NC501. The receiver shall send communications from up to 65,532 transmitters to the NC501 Master Station Computer. The receiver shall report the following transmitter fault conditions: low battery, tamper and missing-with a programmable supervision window of 1 to 24 hours. The receiver shall use a frequency-hopping spread spectrum with an operating frequency of 902-928 MHz.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

NC510 Receiver

The Alpha Communications® NC510 Receiver enables communication between transmitters and the NC501 Master Station Computer in a Tek-CARE®500 Wireless Emergency Call System. The NC510 facilitates the supervision of all transmitters. The NC510's Frequency Agile® 900 MHz spread-spectrum radio provides reliability, even in hostile or difficult radio environments. Dual antennas, combined with Frequency Agile® technology, minimizes nulls or dead spots. The NC510 Receiver includes a slot through the bottom of the case for wiring, and has a metal case with side-set screws for easy access to the reset button and programming cable header. Transmitters are programmed using default information stored in the receiver.

FEATURES

- Facilitates supervision of transmitters
- Frequency Agile® 900 MHz spread-spectrum radio
- Dual antennas
- Knockouts for wiring
- Snap-on/pry-off cover

SPECIFICATIONS

Dimensions:	Height: 10.00" (254mm) Width: 3.73" (95mm) Depth: 1.06" (27mm)
Weight:	6.9 oz.
Power Required:	12 VDC, provided by PK510 Power Supply/PC Interconnect Assembly
Frequency:	902-928 MHz frequency-hopping spread spectrum
Environment:	0°C-60°C (32°F-140°F) and up to 95% non-condensing relative humidity

REQUIRED COMPONENTS

Tek-Care®500	Wireless Emergency Call System
PK510	Power Supply/PC Interconnect Assembly

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS576

Rev. 1 - 01/04

NC511 Repeater

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Repeater(s) shall be Alpha Communications®/Tek-tone NC511 or approved equal. The Repeater shall increase the alarm transmission range. The repeater shall provide at least 200 milliwatts of effective radiated RF power. The repeater(s) shall have the ability to communicate with other repeaters, thus allowing for multiple repeaters to be installed as a micro-cellular network. Alarm and supervisory check-in signals from transmitters shall be maintained reliably with multiple repeaters in the system. The repeater shall not require a home-run wire back to the receiver or panel.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

NC511 Repeater

The Alpha Communications® NC511 is a high power repeater for the Tek-CARE®500 Wireless Emergency Call System. The NC511 repeater allows greater distances between the Tek-CARE®500 Transmitters and Receiver. The repeater's transmitter offers up to four (4) miles of open field range. This dramatic increase in range makes this transceiver a practical wireless solution for open-air installations such as campuses, multi-story buildings, and other large wireless projects. Wireless radio protocols and Signal Synchronization Technology™ allow the repeater to act intelligently, amplifying transmissions from any Tek-CARE®500 transmitter, while ignoring background noise.

FEATURES

- Enhances wireless transmission range
- Signal synchronization processing to minimize excessive signal generation
- Easy to install - just mount and plug in
- Supervised radio link to home receiver
- Attractive enclosure for indoor use

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 6.38" (163mm) Depth: 1.10" (28mm)
Weight:	5.3 oz.
Power Required:	14VAC (14VAC @20VA transformer included)
Current:	approx. 70 mA typical consumption
Range:	4 miles Open Field Transmission Range (line of sight)
Environment:	0°C-60°C (32°F-140°F) and up to 95% non-condensing relative humidity

REQUIRED COMPONENTS

Tek-Care®500	Wireless Emergency Call System

OPTIONAL COMPONENTS

IH511	Weatherproof Housing (surface)
BA510	Backup Battery

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

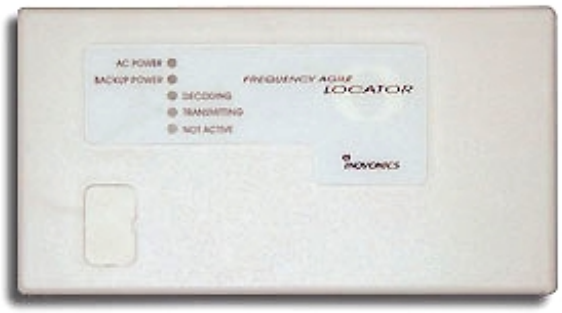
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS577

Rev. 1 - 01/04



NC512 Locator

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Locator(s) shall be Alpha Communications®/Tektone NC512 or approved equal. The Locator shall determine the general area from which an alarm transmission is sent and shall transmit that information to the NC510 Receiver and NC511 Repeater(s). The NC512 Locator shall not retransmit signals received from the NC511 Repeater(s) or other NC512 Locators, to ensure that the NC510 is sent accurate location information. Alarm signals from multiple locations from transmitters shall maintain reliably with multiple locators in the system. The Locator shall provide at least 200 milliwatts of effective radiated RF power. The locator shall not require a home-run wire back to the receiver or a repeater.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

NC512 Locator

The Alpha Communications® NC512 is a high power locator for the Tek-CARE®500 Wireless Emergency Call System. The NC512 Locator provides general transmitter location information for the Tek-CARE®500 Wireless Emergency Call System. The locator's range makes it a practical wireless resident/patient locating solution for open-air installations such as campuses, buildings with multiple wings, and other large wireless projects. Wireless radio protocols and Signal Synchronization Technology™ allow the locator to act intelligently, distinguishing between virgin and retransmitted signals, to that the NC512 doesn't retransmit signals received from NC511 Repeaters or other NC512 Locators. The ensures that the NC510 Receiver is sent accurate location information.

FEATURES

- Wireless alarm location enhancement
- Provides general location of calling transmitter(s)
- Easy to install - just mount and plug in
- Supervised radio link to home receiver
- Attractive enclosure for indoor use

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 6.38" (163mm) Depth: 1.10" (28mm)
Weight:	5.3 oz.
Power Required:	14VAC (14VAC @20VA transformer included)
Current:	approx. 70 mA typical consumption
Range:	4 miles Open Field Transmission Range (line of sight)
Environment:	0°C-60°C (32°F-140°F) and up to 95% non-condensing relative humidity

REQUIRED COMPONENTS

Tek-Care®500	Wireless Emergency Call System

OPTIONAL COMPONENTS

IH511	Weatherproof Housing (surface)
BA510	Backup Battery

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS561

Rev. 2 - 12/05

SF501 Single Button Call Transmitter Pendant

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless call pendant transmitter(s) shall be Alpha Communications®/Tektone SF501 or approved equal. It shall use the 900 MHz frequency for signal transmission, and shall include a transmission indicator LED. No physical wiring connections shall be required to transmit a call. When activated, the SF501 pendant shall continue to send an alarm signal until its reset button, located on the back, is pressed. The SF501 shall also include a neck chain, belt clip and a 3V lithium battery. The transmitter shall be no larger than 2.2" x 1.9" x 0.72" and shall be lightweight enough to be worn comfortably. An optional model RP503 small (ladies) or RP504 large (mens) wristband can be utilized, if resident wishes to wear the pendant on their wrist.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF501 Water-Resistant Single Button Call Transmitter

The Alpha Communications® SF501 Single Button Call Pendant Transmitter features the great range and reliability of 900 MHz in a small, water-resistant package. Users can wear the pendant in the shower or bathtub, outside in the rain, or other environments where the pendant may be splashed with water, or momentarily submerged. A single-button design with "press and on-second hold" activation makes the pendant very easy to use, yet still reduces false alarms. When the SF501 is activated, it continues to send an alarm signal until its reset button, located on the back, is pressed.

The SF501 is especially suited for assisted living installations. Weighing only 1.4 ounces, it includes both a neck cord and a belt clip, and can easily be converted by the end user. An optional model RP503 small (ladies) or RP504 large (mens) wristband allows the pendant to be worn on the wrist or the arm.

The SF501 features a fully supervised RF link to ensure reliability. The built-in LED flashes with all transmissions, including supervision, so the user can see the transmitter is still functioning. The battery is a field-replaceable long-life 3V lithium type, and is included.

FEATURES

- Fully supervised wireless 900MHz Agile® transmitter
- Water-Resistant
- Large alarm button with alarm activation delay
- Low battery warning before battery depletion
- Flashing LED indicator during alarm activation
- Continuous alarm signal until reset button pressed
- Field-replaceable, 3V lithium battery (model #BA501)

SPECIFICATIONS

Dimensions:	Height: 2.2" (56mm) Width: 1.9" (49mm) Depth: 0.72" (19mm)
Weight:	1.4 oz.
Range:	1 mile, open field
Environment:	0°C-60°C (32°F-140°F)
Power:	3V Lithium battery (included)
Battery Life:	1-2 years

REQUIRED COMPONENTS

Tek-Care®500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004-2005, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS562

Rev. 2 - 08s/08

SF502 Wall-Mounted Call Transmitter

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wall-mounted call transmitter(s) shall be Alpha Communications®/Tektone SF502 or approved equal. It shall use the 900 MHz frequency for signal transmission, and shall include a transmission indicator LED. No physical wiring connections shall be required to transmit a call. The SF502 shall also include a neck chain and a 3V lithium battery. The transmitter shall be no larger than 3.0" x 1.6" x 0.72".

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF502 Wall-Mounted Call Transmitter

The Alpha Communications® SF502 Wall-Mounted Call Transmitter is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF502 Transmitter has a sleek, smart design with simple, single-button activation. The SF502 requires no wiring connections and operates on the 900 MHz frequency.

The built-in LED flashes with all transmissions, including supervision, so the user has a visual signal that the unit is transmitting. The SF502 can be supervised. It can be mounted for fixed position signaling, and also includes a neck cord for use as a pendant. The battery is a field-replaceable long-life 3V lithium type, and is included.

FEATURES

- Fully supervised wireless 900MHz Agile® transmitter
- Large alarm button with alarm activation delay
- Low battery warning before battery depletion
- Flashing LED indicator during alarm activation
- Field-replaceable, 3V lithium battery (model #BA502)

SPECIFICATIONS

Dimensions:	Height: 3.0" (77mm)
	Width: 1.6" (41mm)
	Depth: 0.72" (19mm)
Weight:	1.7 oz.
Power:	3V Lithium battery (included)
Battery Life:	3-5 years (typical)

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004-2008, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Web: www.AlphaCommunications.com • Email: info@alphacommunications.com

Product Specification Sheet

APS563

Rev. 1 - 01/04

SF505 Wireless Smoke Detector

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless Smoke Detector(s) shall be Alpha Communications®/Tektone SF505 or approved equal. It shall use the 900 MHz frequency for signal transmission, and shall monitor its own sensitivity and operational status. No physical wiring connections shall be required to transmit an alarm call. Two (2) 3V lithium batteries shall be included. The transmitter shall be no larger than 5.50" diameter x 2.63" deep.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF505 Wireless Smoke Detector

The Alpha Communications® SF505 Wireless Smoke Detector is for use with the Tek-CARE®500 Wireless Emergency Call System.

The SF505 is built upon photoelectric ESL technology, that continually monitors its own sensitivity and operational status. The detector provides drift compensation and visual display of over- or under-sensitivity so that corrective action can be taken to reduce false alarms. Wireless frequency hopping technology maximizes range and reliability. The SF505 is powered by two (2) included 3V Lithium batteries, and battery life is estimated at up to five (5) years, reducing the inconvenience and cost of replacing batteries. The SF505 Wireless Smoke Detector features a low profile design and blends in with any decor.

FEATURES

- Fully supervised wireless 900MHz frequency transmitter
- Low profile design
- Disposable optical block chamber for on-site cleaning
- Operates on two (2) field-replaceable, 3V lithium batteries (model #BA505)

SPECIFICATIONS

Dimensions:	Diameter: 5.5" (150mm) Depth: 2.63" (67mm)
Weight:	9.9 oz. (with batteries)
Power:	Two (3) 3V Lithium batteries (included)
Battery Life:	3-5 years (typical) (non-condensing)
Environment:	4°C-37°C (39°F-98°F); up to 95% relative humidity

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS564

Rev. 1 - 01/04

SF515 Wireless
Passive Infra-Red Detector

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless Passive Infra-Red Detector(s) shall be Alpha Communications®/Tektone SF515 or approved equal. It shall use the 900 MHz frequency for signal transmission. The SF515's opaque Fresnel lens shall focus infrared energy on pyroelectric sensors, reducing false alarms caused by stray light or heat sources.

No physical wiring connections shall be required to transmit an alarm call. The SF515 Shall be powered by a 3V lithium battery. Mounting hardware and housing shall permit flat wall, corner or hallway mounting, with swivel adjustments for aiming for nominal coverage. The transmitter shall be no larger than 2.875"w x 3.688"h x 2.063"d.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF515 Wireless Passive Infra-Red Detector

The Alpha Communications® SF515 Wireless Passive Infra-Red Detector is for use with the Tek-CARE®500 Wireless Emergency Call System. The detector features advanced digital signal processing to recognize "human signature" size and movement, reducing false alarms. The SF515 has a tamper-protected case and the 3V lithium battery is included.

The SF515 Wireless Passive Infra-Red Detector is ideal for residential and low-traffic commercial applications. With GEInterlogix's 'premier Sharpshooter™', the SF515 has increased immunity to radio interference, vibration, static, stray light, rapid temperature changes and other false alarm sources. It provides 90° x 45' coverage.

FEATURES

- Reliable 900MHz frequency operation
- Dual pyroelectric sensors
- Sequence processor with bi-directional pulse counting and event verification
- Flat wall, corner or hallway mounting, with swivel adjustments
- Fire-retardant antique white ABS plastic housing

SPECIFICATIONS

Dimensions:	Height: 3.688" (94mm) Width: 2.875" (74mm) Depth: 2.063" (53mm)
Coverage Area:	45' x 90°
Power:	Two (3) 3V Lithium batteries (included)
Battery Life:	2 years (32°F-120°F)
Environment:	12°C-49°C (10°F-120°F); 10% to 90% non-condensing relative humidity
Swivel:	± 10° right or left, 15° down
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS565

Rev. 1 - 01/04

SF520 Door/Window Egress Wireless Transmitter

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Door/Window Egress Wireless Transmitter(s) shall be Alpha Communications®/Tektone SF520 or approved equal. The SF520 shall use the 900 MHz frequency for signal transmission. The SF520 shall include two (2) built-in magnetic reed switches - one on top, and one on the side - for maximum flexibility. The magnet shall support a 5/8" (.625") gap, and the reed switches shall support a NO or a NC external contact. No physical wiring connections shall be required to transmit an alarm call. The SF520 Shall be powered by a 3V lithium battery. A mounting bracket shall also be provided.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF520 Door/Window Egress Wireless Transmitter

The Alpha Communications® SF520 Door/Window Egress Wireless Transmitter is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF520 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. The SF520 sends supervised signals to the Tek-CARE®500 system at a selectable interval, making it ideal for both high security installations and residential installations.

The SF520 includes two built-in magnetic reed switches in a tamper-proof case for maximum flexibility. The magnet supports a 5/8" (.625") gap, and the reed switches support a NO or a NC external contact. The SF520 requires no physical wiring connections to transmit an alarm call and is powered by a 3V lithium battery. A mounting bracket is also provided.

FEATURES

- Reliable 900MHz frequency operation
- Supervised signals
- Tamper-Proof case
- Mounting bracket included
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Contact Closure:	1.5 seconds minimum
Battery Life:	4-5 years
Environment:	0°C-60°C (32°F-140°F)
Distance:	10 feet maximum between transmitter and switch
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS566

Rev. 1 - 01/04

SF525 Maintained NO Universal Contact Wireless Transmitter

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Maintained NO Universal Contact Wireless Transmitter(s) shall be Alpha Communications®/ Tektone SF525 or approved equal. The SF525 shall use the 900 MHz frequency for signal transmission. The SF525 shall support a NO *maintained* external contact closure. No physical wiring connections shall be required to transmit an alarm call. The SF525 Shall be powered by a 3V lithium battery. A mounting bracket shall also be provided.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF525 Maintained NO Universal Contact Transmitter

The Alpha Communications® SF525 Maintained NO Universal Contact Wireless Transmitter is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF525 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. The SF525 sends supervised signals to the Tek-CARE®500 system at a selectable interval, making it ideal for both high security installations and residential installations. It supports a NO *maintained* external contact closure.

The SF525 requires no physical wiring connections to transmit an alarm call and is powered by a 3V lithium battery. The SF525 has a tamper-proof case and includes a mounting bracket.

FEATURES

- Reliable 900MHz frequency operation
- Supervised signals
- Tamper-Proof case
- Mounting bracket included
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Battery Life:	4-5 years
Environment:	0°C-60°C (32°F-140°F)
Contact Closure:	1.5 seconds minimum
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS567

Rev. 1 - 01/04

SF526 Momentary NO Universal Contact Wireless Transmitter

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Momentary NO Universal Contact Wireless Transmitter(s) shall be Alpha Communications®/ Tektone SF526 or approved equal. The SF526 shall use the 900 MHz frequency for signal transmission. The SF526 shall support a NO *momentary* switch with a fast-contact closure. No physical wiring connections shall be required to transmit an alarm call. The SF526 Shall be powered by a 3V lithium battery. A mounting bracket shall also be provided.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF526 Momentary NO Universal Contact Transmitter

The Alpha Communications® SF526 Momentary NO Universal Contact Wireless Transmitter is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF526 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. The SF526 sends supervised signals to the Tek-CARE®500 system at a selectable interval, making it ideal for both high security installations and residential installations. It supports a NO *momentary* external contact switch with a fast-contact closure, and is ideal for pushbutton signal applications.

The SF526 requires no physical wiring connections to transmit an alarm call and is powered by a 3V lithium battery. The SF526 has a tamper-proof case and includes a mounting bracket.

FEATURES

- Reliable 900MHz frequency operation
- Supervised signals
- Tamper-Proof case
- Mounting bracket included
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Battery Life:	4-5 years
Environment:	0°C-60°C (32°F-140°F)
Contact Closure:	1.5 seconds minimum
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

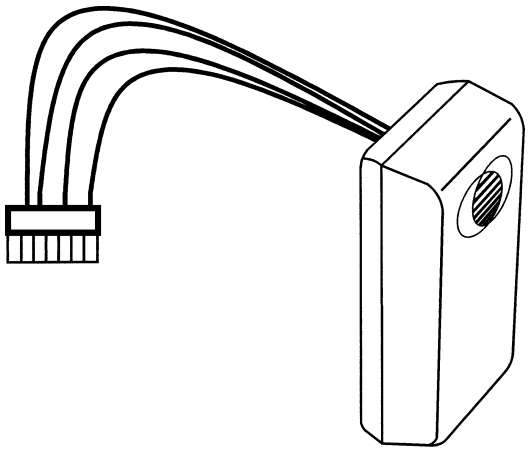
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS568

Rev. 1 - 01/04



SF527
Wireless Support Module

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Wireless Support Module(s) shall be Alpha Communications®/Tektone SF527 or approved equal. When the SF527 is connected to the SF337C Waterproof Emergency Station, the SF337C shall operate as a wireless device when used with the Tek-CARE®500 Emergency Call System. The SF527 shall use the 900 MHz frequency for signal transmission. The SF527 shall include a 7-pin wiring harness for connection to the SF337C Emergency Station. The SF527 shall require no other wiring connections and shall be powered by a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF527
Wireless Support Module

The Alpha Communications® SF527 Wireless Support Module is for use with the Tek-CARE®500 Wireless Emergency Call System. When the SF527 is connected to a SF337C Waterproof Emergency Station, the SF337C operates as a wireless device in the Tek-CARE®500 system. When properly installed, the SF527/SF337C assembly may be located in a shower, bath or tub room, regardless of environmental conditions (stainless steel and other metal fixtures may interfere with signal transmission).

The SF527 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. It includes a universal transmitter and a pre-assembled 7-pin wiring harness for connection to the SF337C Emergency Station. The SF527 requires no other wiring connections and is powered by a user-replaceable 3V lithium battery.

For surface mount applications, the SF337C and SF527 assembly can be mounted inside the optional model IH527 surface plastic housing.

FEATURES

- Reliable 900MHz frequency operation
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Connections:	Plug-in type
Battery Life:	4-5 years
Housing:	Plastic single-gang box
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System
SF337C	Waterproof Emergency Station

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

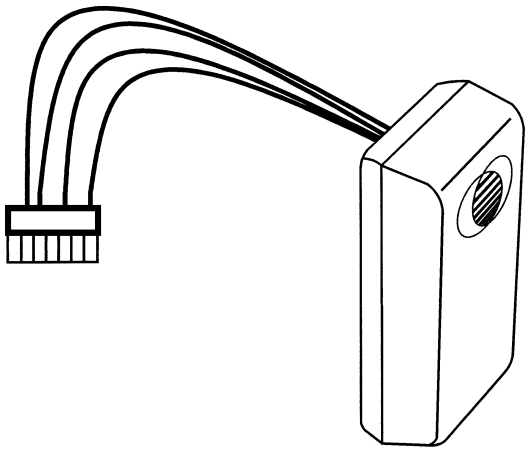
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS569

Rev. 1 - 01/04



SF528
Wireless Support Module

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Wireless Support Module(s) shall be Alpha Communications®/Tektone SF528 or approved equal. When the SF528 is connected to the SF340B Emergency Station, the SF340B shall operate as a wireless device when used with the Tek-CARE®500 Emergency Call System. The SF528 shall use the 900 MHz frequency for signal transmission. The SF528 shall include a 7-pin wiring harness for connection to the SF340B Emergency Station. The SF528 shall require no other wiring connections and shall be powered by a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF528
Wireless Support Module

The Alpha Communications® SF528 Wireless Support Module is for use with the Tek-CARE®500 Wireless Emergency Call System. When the SF528 is connected to a SF340B Emergency Station, the SF340B operates as a wireless device in the Tek-CARE®500 system. When properly installed, the SF528/SF340B assembly may be located anywhere a non-waterproof emergency switch is required (stainless steel and other metal fixtures may interfere with signal transmission).

The SF528 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. It includes a universal transmitter and a pre-assembled 7-pin wiring harness for connection to the SF340B Emergency Station. The SF528 requires no other wiring connections and is powered by a user-replaceable 3V lithium battery.

For surface mount applications, the SF340B and SF528 assembly can be mounted inside the optional model IH527 surface plastic housing.

FEATURES

- Reliable 900MHz frequency operation
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Connections:	Plug-in type
Battery Life:	4-5 years
Housing:	Plastic single-gang box
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System
SF340B	Emergency Station

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS600

Rev. 1 - 08/05

SF529 Wireless Assistance Call and Resident Check-In Station

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Wireless Assistance Call and Resident Check-In Station(s) shall be Alpha Communications®/ Tektone SF529 or approved equal. It shall use the 900MHz frequency for signal transmission and shall include an LED call assurance indicator. Calls shall be locally latched and require local reset to clear. Check-ins shall be placed by pressing the Check-In push button during set check-in times. No physical wiring connections shall be required to transmit a call. The station shall include a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF529 Wireless Assistance Call and Resident Check-In Station

The Alpha Communications® SF529 Wireless Assistance Call and Resident Check-In Station is for use with the Tek-CARE®500 Wireless Assistance Call and Check-In System. The SF529 features the great range and reliability of 900MHz signaling. This unit can be wall mounted near any resident location for call placement (stainless steel and other metal fixtures may interfere with the signal transmission).

Calls are latched locally to ensure that residents receive direct staff attention. The device includes a call assurance LED. Check-ins are placed by pressing the Check-In push button during set check-in times. The SF529 features a fully supervised RF link to ensure reliability and to monitor battery state. The battery is a customer replaceable 3V lithium.

FEATURES

- Fully supervised wireless 900MHz Agile® transmitter
- Low battery warning before battery depletion
- Call assurance LED
- Resident Check-In capability
- Field-replaceable, 3V lithium battery (model #BA505)

SPECIFICATIONS

Dimensions:	Height: 4.5" (115mm) Width: 2.75" (70mm) Depth: 2.25" (58mm) Projects: 0.50" (13mm)
Construction:	Attractive, flame retardant (UL® 94V-0) plastic
Housing:	Plastic single-gang box
Power:	3V Lithium battery (model BA505) (included)
Battery Life:	4-5 years (typical)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Assistance Call and Check-In System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2005, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS596

Rev. 1 - 06/05

SF530 Single Resident Bed Station

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The single resident bed station(s) shall be Alpha Communications®/Tektone SF530 or approved equal. It shall use the 900MHz frequency for signal transmission and shall include an LED call assurance indicator. The station shall provide a ¼" call cord jack and a reset button. Calls shall be locally latched and require local reset to clear a call state. Unit shall also detect cord out state. No physical wiring connections shall be required to transmit a call. The station shall include a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF530 Single Resident Bed Station

The Alpha Communications® SF530 Single Resident Bed Station is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF530 features the great range and reliability of 900MHz signaling. This unit can be wall mounted near any resident location for call placement. It provides a standard ¼" call cord receptacle along with a reset button. Calls are latched locally to ensure that residents receive direct staff attention. The device includes a call assurance LED as well as cord out detection. The SF530 features a fully supervised RF link to ensure reliability and to monitor for battery low condition. The battery is a customer replaceable 3V lithium.

FEATURES

- Fully supervised wireless 900MHz Agile® transmitter
- Provides standard 1/4" receptacle, suitable for use with SF301/8 or equivalent call cord types
- Checks for cord-out state
- Low battery warning before battery depletion
- Call assurance LED
- Field-replaceable, 3V lithium battery (model #BA505)

SPECIFICATIONS

Dimensions:	Height: 4.5" (115mm) Width: 2.75" (70mm) Depth: 2.25" (58mm) Projects: 0.50" (13mm)
Construction:	Attractive, flame retardant ABS plastic
Housing:	Plastic single-gang box
Power:	3V Lithium battery (model BA505) (included)
Battery Life:	4-5 years

REQUIRED COMPONENTS

Tek-CARE500 Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2005, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS599

Rev. 1 - 08/05

SF531 Wireless Emergency Call Station

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Wireless Emergency Call station(s) shall be Alpha Communications®/Tektone SF531 or approved equal. It shall use the 900MHz frequency for signal transmission and shall include an LED call assurance indicator. Calls shall be locally latched and require local reset to clear. No physical wiring connections shall be required to transmit a call. The station shall include a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF531 Wireless Emergency Call Station

The Alpha Communications® SF531 Wireless Emergency Call station is for use with the Tek-CARE®500 Wireless Emergency Call System. The SF531 features the great range and reliability of 900MHz signaling. This unit can be wall mounted near any resident location for call placement (stainless steel and other metal fixtures may interfere with the signal transmission).

Calls are latched locally to ensure that residents receive direct staff attention. The device includes a call assurance LED. The SF531 features a fully supervised RF link to ensure reliability and to monitor battery state. The battery is a customer replaceable 3V lithium.

FEATURES

- Fully supervised wireless 900MHz Agile® transmitter
- Low battery warning before battery depletion
- Call assurance LED
- Field-replaceable, 3V lithium battery (model #BA505)

SPECIFICATIONS

Dimensions:	Height: 4.5" (115mm) Width: 2.75" (70mm) Depth: 2.25" (58mm) Projects: 0.50" (13mm)
Construction:	Attractive, flame retardant (UL® 94V-0) plastic
Housing:	Plastic single-gang box
Power:	3V Lithium battery (model BA505) (included)
Battery Life:	4-5 years (typical)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

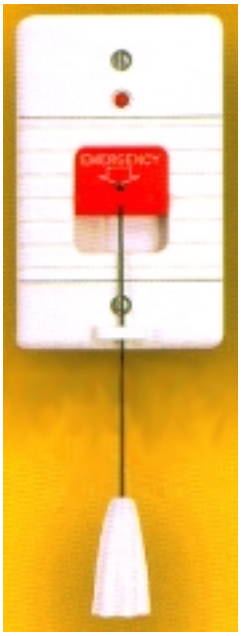
Copyright© 2005, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS093

Rev. 3 - 04/01



SF337C

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

Emergency pull/push station(s) shall be Alpha Communications®/Tektone SF337C or approved equal. Operation of emergency signals shall be accomplished by a short pull on the nylon cord or by pulling/pushing down on the RED lever marked "EMERGENCY".

The red "CALL-PLACED" L.E.D. indicator shall flash to assure the patient that the call has been placed.

The Emergency station shall be WATERPROOF if mounted according to manufacturer's instructions. If mounted correctly, the faceplate shall be sealed from the electronic components.

Switching mechanism shall consist of a reliable REED switch with a sealed MAGNET actuator.

The SF337C shall be UL 1069 listed to the latest 4th Edition standards. Contractor shall observe all local and national electrical and building codes.

Copyright© 1997-2001, Alpha Communications®, All Rights Reserved

SF337C Emergency Pull/Push Shower Station

The SF337C may be used in any location where activation of an emergency signal is required. The design is such that it may be located anywhere in a shower, bath, or tub room regardless of environmental conditions.

The combination of rubber grommetted mounting screws, rubber mounting gasket, and completely sealed front faceplate make it WATERPROOF (if properly installed). All electronic components are mounted on a circuit board, including an industry-proven reliable reed switch for circuit initiation. The activating magnet is mounted on the large pull-down lever which is completely sealed.

Due to the flexibility of its design , the SF337C may be used as a PULL CORD EMERGENCY STATION, a NON-PULL CORD EMERGENCY STATION, or a STAFF ASSIST EMERGENCY CALL STATION. The pull cord supplied may be used for emergency call activation or, if so desired, the LARGE 1.5" Red pull down lever may be used for 'push' activation.

Dome light and system annunciation vary according to manner in which the SF337C is connected, and which system it is used with.

The SF337C is typically used with the HC345C, NC110N, NC150N, NC200N, NC205 and NC300 systems. The SF337C is designed for use in a shower or 'moist' environment.

FEATURES

- UL 1069 Listed - 4th Edition Standards
- Simple and flexible operation
- Flame-retardant type KJB Cycolac Plastic
- 1.5" wide, pull-down lever
- "Call-Placed" LED indicator
- Call cancel only at point of origin

SPECIFICATIONS

Dimensions:	Height: 4.50" (114mm) Width: 2.81" (72mm) Depth: 1.63" (41mm) Projects: 0.69" (17mm) from mounting surface (including RED pull down lever)
Construction:	Electronic components and reed switch, circuit board mounted
Connections:	Plug-in connector
Housing:	Steel City #52171 box with Steel City #52C14 plaster ring, or Alpha Communications® Model #IH358 box with IH357 ring, or EXACT EQUAL. Vertical mount.

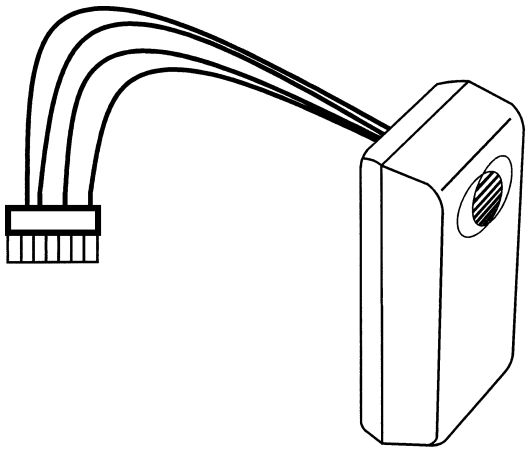
Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS569

Rev. 1 - 01/04



SF528
Wireless Support Module

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Wireless Support Module(s) shall be Alpha Communications®/Tektone SF528 or approved equal. When the SF528 is connected to the SF340B Emergency Station, the SF340B shall operate as a wireless device when used with the Tek-CARE®500 Emergency Call System. The SF528 shall use the 900 MHz frequency for signal transmission. The SF528 shall include a 7-pin wiring harness for connection to the SF340B Emergency Station. The SF528 shall require no other wiring connections and shall be powered by a 3V lithium battery.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

SF528
Wireless Support Module

The Alpha Communications® SF528 Wireless Support Module is for use with the Tek-CARE®500 Wireless Emergency Call System. When the SF528 is connected to a SF340B Emergency Station, the SF340B operates as a wireless device in the Tek-CARE®500 system. When properly installed, the SF528/SF340B assembly may be located anywhere a non-waterproof emergency switch is required (stainless steel and other metal fixtures may interfere with signal transmission).

The SF528 is based on Frequency Agile® spread spectrum technology and transmits signals at the 900 MHz frequency. It includes a universal transmitter and a pre-assembled 7-pin wiring harness for connection to the SF340B Emergency Station. The SF528 requires no other wiring connections and is powered by a user-replaceable 3V lithium battery.

For surface mount applications, the SF340B and SF528 assembly can be mounted inside the optional model IH527 surface plastic housing.

FEATURES

- Reliable 900MHz frequency operation
- 3V Lithium battery included

SPECIFICATIONS

Dimensions:	Height: 3.60" (92mm) Width: 1.70" (44mm) Depth: 0.96" (25mm)
Construction:	Attractive, flame retardant ABS plastic
Connections:	Plug-in type
Battery Life:	4-5 years
Housing:	Plastic single-gang box
Battery:	3V Lithium (model # BA505)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System
SF340B	Emergency Station

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS090

Rev. 2 - 04/01

SF340B

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

Emergency pull/push station(s) shall be Alpha Communications®/TekTone SF340B or approved equal. Operation of emergency signals shall be accomplished by a short pull of the nylon cord, or by pulling/pushing down on the RED lever marked "EMERGENCY".

The red "CALL PLACED" L.E.D. indicator shall flash to assure the patient that the call has been placed.

Switching mechanism shall consist of a reliable DPDT switch.

The SF340B shall be UL 1069 Listed to the Latest 4th Edition Standards. Contractor shall observe all local and national electrical codes.

SF340B Emergency Pull/Push Station

The Alpha Communications® SF340B may be used in any area where activation of an emergency station is required. All electronic components are mounted on a circuit board. The specially designed and mounted LED is completely sealed in plastic.

Due to the flexibility of its design , the SF340B may be used as a PULL CORD EMERGENCY STATION, a NON-PULL CORD EMERGENCY STATION, or a STAFF ASSIST EMERGENCY CALL STATION. The pull cord supplied may be used for emergency call activation or, if so desired, the LARGE 1.5" Red pull down lever may be used for 'push' activation.

Dome light and system annunciation vary according to manner in which the SF340B is connected, and which system it is used with.

The SF340B is typically used with the HC345C, NC205 and NC300 systems. The SF340B is not designed for use in a shower or 'moist' environment.

FEATURES

- U.L. 1069 Listed - 4th Edition Standards
- Simple and flexible operation
- Red "Call-Placed" L.E.D. indicator
- Call cancel at point of origin only
- Flame retardant type KJB Cycolac in White color
- 1.5" wide, Pull-Down lever

SPECIFICATIONS

Dimensions:	Height: 4.50" (114mm) Width: 2.81" (72mm) Depth: 1.63" (41mm) Projects: 0.69" (17mm) from mounting surface (including pull down lever)
Construction:	Electronic components and DPDT switch, circuit board mounted
Connections:	Plug-in connector
Housing:	Steel City #52171 box with Steel City #52C14 plaster ring, or Alpha Communications® Model #IH358 box with IH357 ring, or EXACT EQUAL. Vertical mount.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

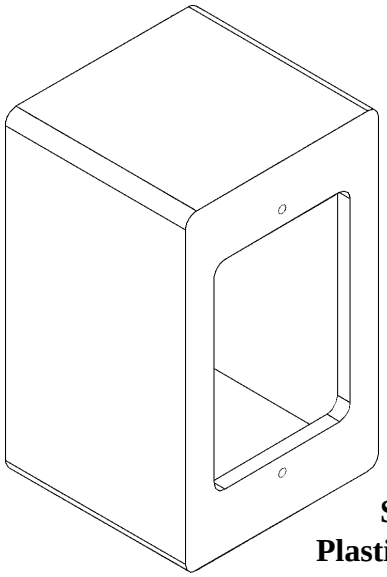
Copyright© 1997-2001, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS573

Rev. 1 - 01/04



IH527 Surface Mount Single-Gang Plastic Back Box

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The surface-mount single-gang plastic back box shall be Alpha Communications®/Tektone IH527 or approved equal. The IH527 shall be of plastic construction for durability and for unhindered wireless signal transmission. The IH527 shall be used in wireless applications for mounting the SF337C Waterproof Emergency Switch with the SF527 Wireless Support Module, or for mounting the SF340B Emergency Switch with the SF528 Wireless Support Module. Mounting holes shall be provided on the back for easy mounting to the wall, and on the front for easy mounting of the emergency switch to the IH527 back box.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

IH527 Surface-Mount Single-Gang Plastic Back Box

The Alpha Communications® IH527 Surface-Mount Single-Gang Plastic Back Box is for use with the Tek-CARE®500 Wireless Emergency Call System. The back box is used to surface mount the SF527/SF337C Waterproof Emergency Switch assembly and the SF528/SF340B Emergency Switch assembly.

The IH527 is constructed of durable ABS plastic to coordinate with the emergency switches, and does not interfere with wireless transmission signals. The back box includes mounting holes on the back for attachment to the wall. The SF527 or SF528 Wireless Support Module is placed inside the IH527, and then the SF337C or SF340B Emergency Switch (respectively) is attached to the mounting holes on the front of the IH527.

FEATURES

- ABS Plastic
- Easy installation
- Mounting holes included
- Strong and durable

SPECIFICATIONS

Material:	ABS plastic	
Dimensions:	Height:	4.50" (115mm)
	Width:	2.85" (73mm)
	Depth:	2.65" (68mm)
	Plastic:	4.83mm thick

REQUIRED COMPONENTS

Tek-CARE•®500	Wireless Emergency Call System
SF527	Wireless Support Module
SF337C	Waterproof Emergency Switch

--or--

Tek-CARE•®500	Wireless Emergency Call System
SF528	Wireless Support Module
SF340B	Emergency Switch

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

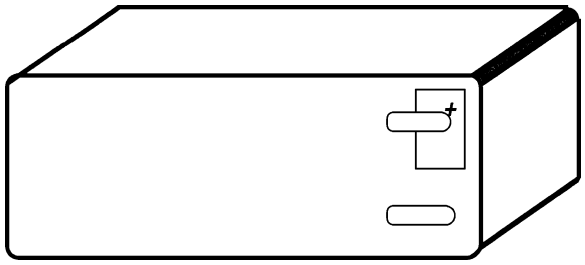
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS570

Rev. 1 - 01/04



BA510
Backup Battery

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Backup Battery unit(s) shall be Alpha Communications®/ Tektone BA510 or approved equal. The BA510 shall be a lead acid "gel cell" battery for maintenance-free operation and reliability. The BA510 shall be used as a temporary power source in the event of power outages and shall support the NC511 and/ or NC512 component operations in the Tek-CARE®500 Wireless Emergency Call System.

Operation of the BA510 Backup Battery shall be automatic in the event of a power failure. Recharge of the BA510 batteries shall be automatic, upon restoration of normal power to the system. When used with the IH511 Outdoor Housing, BA510 mounting shall be waterproof.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

BA510
Backup Battery

The Alpha Communications® BA510 Backup Battery is for use with the Tek-CARE®500 Wireless Emergency Call System, and provides uninterrupted, temporary 12 volt DC power to the NC511 Repeater or NC512 Locator, in the event of primary power failure. Switch-over from primary power to the BA510 is automatic, as is the recharge of the system's batteries upon restoration of normal power.

Backup power is supplied through the use of one (1) sealed, lead-acid "gel cell" battery, rated at 12 volts for at least 1.2 amp-hours. The battery is replaceable, with connections made via male quick-disconnect terminals. Mount the BA510 in an IH511 Waterproof Outdoor Housing to allow protected electrical connections.

FEATURES

- Maintenance free
- Automatic, uninterrupted operation
- Easy installation
- Replaceable
- Plug-in connectors

SPECIFICATIONS

Battery:	Sealed, lead-acid "gel cell" 12 volt, 1.2 amp-hours
Connections:	Quick disconnect

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System

OPTIONAL COMPONENTS

IH511	Waterproof Enclosure (surface mount)

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

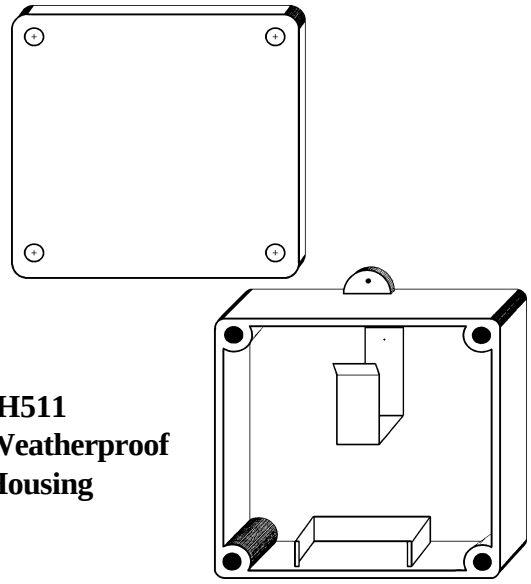
Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com

Product Specification Sheet

APS571

Rev. 1 - 01/04



IH511 Weatherproof Housing

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Weatherproof Housing(s) shall be Alpha Communications®/Tektone IH511 or approved equal. The IH511 shall be of plastic construction for durability and for unhindered signal reception and transmission. The IH511 shall be used for weatherproof indoor or outdoor mounting of the NC511 Repeater or NC512 Locator in the Tek-CARE®500 Wireless Emergency Call System. Knockouts shall be provided on the back to facilitate easy connection of the AC transformer. The IH511 shall also accommodate mounting of the BA510 Backup Battery when used in conjunction with the NC511 Repeater or NC512 Locator.

TekTone® has designed the Tek-CARE®500 to work as a system. Its NC501 Master Station Computer has been carefully designed and matched to work with Tek-CARE®500 wireless and wired peripherals. TekTone® will not warrant or support components of Tek-CARE®500 that are purchased separately unless the components are add-ons to previously sold systems. TekTone® will also not warrant or support a system that is a mix of TekTone® and Non-TekTone® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and NC501 warranty number will also be required when requesting technical support.

IH511 Surface Weatherproof Housing

The Alpha Communications® IH511 Weatherproof Housing is an attractive indoor or outdoor surface housing for the Tek-CARE®500 Wireless Emergency Call System. The IH511 accommodates an NC511 Repeater or NC512 Locator, along with a BA510 Backup Battery.

The IH511 surface housing is constructed of plastic for durability, and for unhindered signal reception and transmission. Knockouts are included on the back to allow the connection of an AC transformer.

FEATURES

- Maintenance free
- Easy installation
- Knockouts provided

SPECIFICATIONS

Dimensions:	Height:	7.00"	(178mm)
	Width:	7.00"	(178mm)
	Depth:	3.00"	(77mm)

REQUIRED COMPONENTS

Tek-CARE500	Wireless Emergency Call System
BA510	Backup Battery (with NC511 or NC512)

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.

Copyright© 2004, Alpha Communications®, All Rights Reserved

42 Central Drive • Farmingdale NY 11735-1202 • Phone (631) 777-5500 • Fax (631) 777-5599
TOLL-FREE 1-800-666-4800 • Website: http://www.alpha-comm.com • Email: info@alpha-comm.com