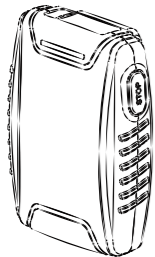




Operating Instructions Staff pager



Model No. SP-01

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Introduction:

Thank you for purchasing ARCT SP-01 staff pager. The operating instruction is for SP-01 staff pager. Before connecting and operating pager, please read following instructions completely, and save this manual for future use.



Here by, we declare that ARCTSP-01 is in compliance with Part 15 of the FCC Rules and essential requirements and other relevant provisions of directive 1999/5/EC. Operation is the subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warranty Policy:

The warranty period is 18 months of service time from date of invoice.
(For further warranty period, please contact your distributor or dealer)


Note:

The following damages are not covered by the warranty, including dropping, water contact or any other wrong use, other than the purpose designed for.

Safety precautions:

To prevent severe injury and loss of life/property, read this section carefully before using the unit to ensure proper and safe operation of your unit.

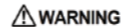
The section explains the graphic symbols used in this manual.

 **WARNING** Denotes a potential hazard that could result in serious injury or death.

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Staff pager: SP-01



WARNING

- **Do not throw the SP-01 into fire or heat the device. The same applies to the used Ni-HM battery.**
There is the risk of heat generation, fire, or explosion.
- **Do not short positive (+) and negative (-) contact of Ni-HM battery.**
- **Dispose of the Ni-HM battery after insulating positive (+) and Negative (-) contacts by friction tape.**
There is the risk of heat generation, fire, or explosion.
- **Do not charge, use, or leave the SP-01 away from fire and direct sunlight. The same applies to the used Ni-HM battery.**
There is the risk of heat generation, fire, or explosion.
- **Do not splash water on the SP-01 or moisten on the device.**
There is the risk of heat generation, fire, or explosion.
- **If the Ni-HM battery of SP-01 leaks liquid or smells, do not charge the SP-01 or bring it close to fire.**
There is the risk of heat generation, fire, or explosion.
- **Do not touch the electrolyte leaked from the Ni-HM battery.**
Entry of the electrolyte into an eye may lead to blindness. In case, rinse the affected eye thoroughly with clean water, and then seek medical attention immediately.
- **Do not touch the electrolyte leaked from the Ni-HM battery.**
Entry of the electrolyte into an eye may lead to blindness. In case, rinse the affected eye thoroughly with clean water, and then seek medical attention immediately.
- **Do not put the SP-01 into a microwave oven or pressurized chamber.**
There is the risk of heat generation, fire, or explosion.

REPLACED BY AN INCORRECT TYPE WILL CAUSE THE RISK OF EXPLOSION.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

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Use Precautions:

Read the following instructions to use this product correctly.

Staff pager

- Do not open or modify the main unit case.
- The Ni-HM battery of SP-01 is a consumable. The Ni-MH battery life, which varies with using conditions, is approximately a year as a guideline, and after a year or approximately over 500 times of recharging, the recharging capability becomes weak. If the battery is exhausted in a short time after full recharging, replace the Ni-MH battery with new one.
- Be sure to use the specified Ni-MH battery.
- Do not touch the contact portions of the Ni-MH. Failure to observe the may cause poor contact.
- Recharge the battery pack at ambient temperatures from 5°C to 35°C.
- Charging the SP-01 before using.
- When the terminal of charging pin becomes defaced, use a dry soft cloth to clean the terminal pin. Failure use may cause poor contact with the device and cut power supply.

Operation environment and service place

- Keep the device away from high temperature or excessive dust.
- Do not put this device where static is likely to be generated or where magnetism generating devices as TV set and radio are nearby.
- Do not leave this product under direct sunshine or at excessive high or low temperatures of long time.
- Protect this product from rain or water

How to maintain the device:

- Use a dry soft cloth to remove dirt from this product. When stubborn stains are observed, use a tightly twisted water soaked cloth to wipe the point softly and use dry another cloth to wipe the point again.
- Do not use thinner, benzene, wax, kerosene, polish, hot water, chemical cloth and the like.
- The dirty connector may cause charging failure.

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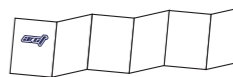
Accessories Confirmation:

Before using, examine the following accessories.
If there missing any items, please contact your dealer.

Main unit:



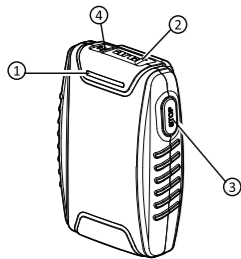
Operating instructions (this document)



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Unit parts and functions

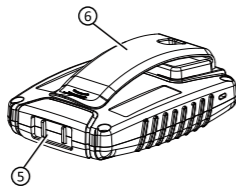
Main unit (front side)



No	Name	Details
1	Indicator	Blink Light green: Standby mode Blink Light red: Low battery alarming. Blink Light Orange: Out of range alarming. Flashed red and green: get a paging signal. Light red: Under way of charging Light green: Full charging of Battery Blink Green & Red alternately: Programming mode.
2	Alarm Indicator	Flashed red: get a paging signal.
3	Stop key	Press the button to stop an alarming page
4	Pager ID	Pager ID number

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Main unit (back side)



No	Name	Details
5	Charging terminal	Used for supply power and charging it.
6	Back clip	Clip on a belt and vest.

Effective Use of staff pager:

Remove the battery isolation film before using (as below)

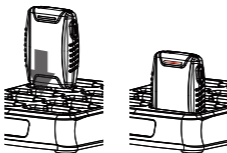


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Charging

The SP-01 can be placed on the charger (SPC-01).

1. Insert the unit into the charger, allow unit to charge fully overnight (the staff page must be charged at least 16 hours before using)
2. Pager will vibrate, beep and flash when remove from the charger.
3. Replace the pager in the charger at the end of each day.



Indicator	During charging
	Light red: Charging is under way
	Light green: Battery is full charging.

Messages:

The pager can vibrate, beep, and flash the alarm lights

Alarming:

The staff pager SP-01 will alarm a certain type and pattern depending on the alarm mode- A1, A2, or A3 of the ATX-01. That is selected from the ATX-01 keypad.

Programming

If a new staff pager number needs to be assigned to a pager, staff pager can be reprogrammed form the ATX-01 transmitter.

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Program Staff pager's ID number:

Be sure the staff pager is into programming mode -the pager's indicator LED – Green and Red LED will alternate blinking. ※ 1

The system support OTA to change Pager's ID.

1. Press FN
2. Press A2/CHG-ID
3. Enter #(= Pager ID number)
4. Press ENT

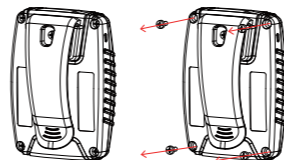
When Change ID over-the-air (OTA) command paging is received:
The Staff pager will beep one time and return back to charging mode

※ 1 : How does the staff pager into programming mode:
Press the "stop" button then put the staff pager into charger.
Release the stop key until the pager into programming mode—
the pager's indicator LED – Green and Red LED will alternate blinking

Replace a Battery Pack

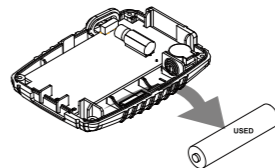
How to replace Ni-MH battery

1. Screwed the back cover of the SP-01 pager



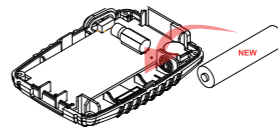
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2. Take out the Ni-HM battery



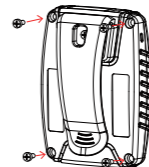
3. Replace a new Ni-HM battery

When inserting the Ni-HM battery into the unit, make sure that the terminals are correctly directed.



4. Close the back cover of SP-01

Put back the back cover of the SP-01, and fasten screws



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Troubleshooting

Symptom	Check items and solutions
Pager charger cannot light on.	<ul style="list-style-type: none"> ● Make sure the pager is completely inserted into the charging slot. ● Try plugging transmitter's power supply to the pager charger to figure this issue. It could be the power supply problem. ● If staff pager still cannot be charged, please contact your distributor or dealer for assistance
Pager does not receive any page.	<ul style="list-style-type: none"> ● Reset the SP-01, put the pager on the charger then take it out. The device will reset. ● Examine the battery status of Ni-HM is in well. ● If staff pager still does not receive any page, please contact your Distributor or dealer for assistance

Specifications

■ SP-01

Item	Specifications
Frequency	440–460MHz
Baud rate:	1200 bps
Modulation type	FSK
Channel Spacing	12.5K
Frequency stability	10ppm at -10°C~+60°C
Alert tone volume	85dBa @10cm
Current consumption	Standby: 3mA
Dimension	75mm x 56mm x 19mm
Weight	Approx..60g
Power supply	1.2V Ni-HM AAA
Battery Life	5 days (full charging)
Certification	

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