



Installation Instructions for Tek-PAGING® NC373 Zone Security Transmitter System

IL669
Section E
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IMPORTANT SAFETY INFORMATION

Tek-PAGING® products are designed to operate safely when installed and used according to general safety practices. Observe the following requirements at all times. DO NOT subject this equipment to:

1. Mechanical shock
 2. Excessive humidity or moisture
 3. Extremes of temperature
 4. Corrosive liquids
- This equipment is designed for indoor use only, unless expressly stated otherwise, and must not be used in classified Hazardous Areas, including areas containing explosive or flammable vapors, unless express authorization has been given in writing by the manufacturer.
 - Do not obstruct any slots or openings in the product. These are provided for ventilation to ensure reliable operation of the product and protect it from overheating.
 - Only use a damp cloth for cleaning (not liquid or aerosol based cleaners), and ensure the AC adapter is removed from the unit prior to beginning the cleaning operation.
 - Removal of covers from the equipment must only be undertaken by authorized service personnel.

LIABILITY

TekTone® does not accept any liability for any damage or injury howsoever resulting from misuse of this equipment. It is the responsibility of the user to ensure that the equipment is operated in the manner for which it was intended and that it is the correct item of equipment for the required task.

WARNING!

Alteration or modification of any part of this equipment, without the prior written consent of the manufacturer, will invalidate all manufacturer Approvals and Warranties. No adjustments can be undertaken except by a qualified and licensed person as defined by the FCC Rules and Regulations. Operation of altered equipment can result in fines, imprisonment, and/or confiscation of such equipment.

EQUIPMENT APPLICATIONS

It is the user's responsibility to determine the suitability of the Tek-PAGING® NC373 Zone Security Transmitter system for any given application. TekTone® cannot provide specific advice, since each application requires independent evaluation. The following information, however, may be of benefit.

EQUIPMENT TESTING

Conduct range tests at least once a week; more often when critical criteria apply. This involves testing the unit past the limit of its required working range, so as to ensure a measure of safety. TekTone® suggests keeping a log of all the test dates and the information gathered, together with the battery change data and service records.

The frequency of the tests required will vary between applications. If a pager has been dropped or is worn by a person involved in an accident, test the unit again before re-use. It must be stressed that the physical range tests are essential and any construction work or movement of plant or equipment could alter the signaling capability of the unit.

TROUBLESHOOTING

None of the pagers on the system will respond to a page:

1. Verify that the NC373 Transmitter has power. The power LED will pulse every 1.2 seconds.
2. Verify that the antenna is connected to the NC373 Transmitter.
3. Verify that all pagers are turned on.

Some of the pagers will not respond to a page:

1. Verify that the correct pager number is being used.
2. Verify that pager is turned on.
3. Verify that pager battery is not dead.
4. Check whether pager is out of range.

The NC373 Transmitter's light will not come on:

1. Verify that the NC373 Transmitter has power applied.
2. Verify that contact closures are occurring.
3. Check programming information for correctness.

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LITERATURE

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LICENSE

You are cleared to use this equipment within the USA under a license assigned to the exclusive importer, PIPs Holdings Inc., License number 200004R465779, issued on 04/27/2000 which expires on 06/26/2005. Certain restrictions apply in respect to output power and antenna installations. If you have any questions, contact TekTone® before installation and use. Alternate frequencies are available by formal license application (Form 600) via the FCC. These will not be subject to the same restrictions as the standard assigned license. You should obtain the FCC Rules and Regulations, Title 47, Part 80 to End, including Parts 90 and 95, available from the US Government Printing Office,

GPO bookstore or FCC Office.

SPECIFICATIONS

Manufacturer:

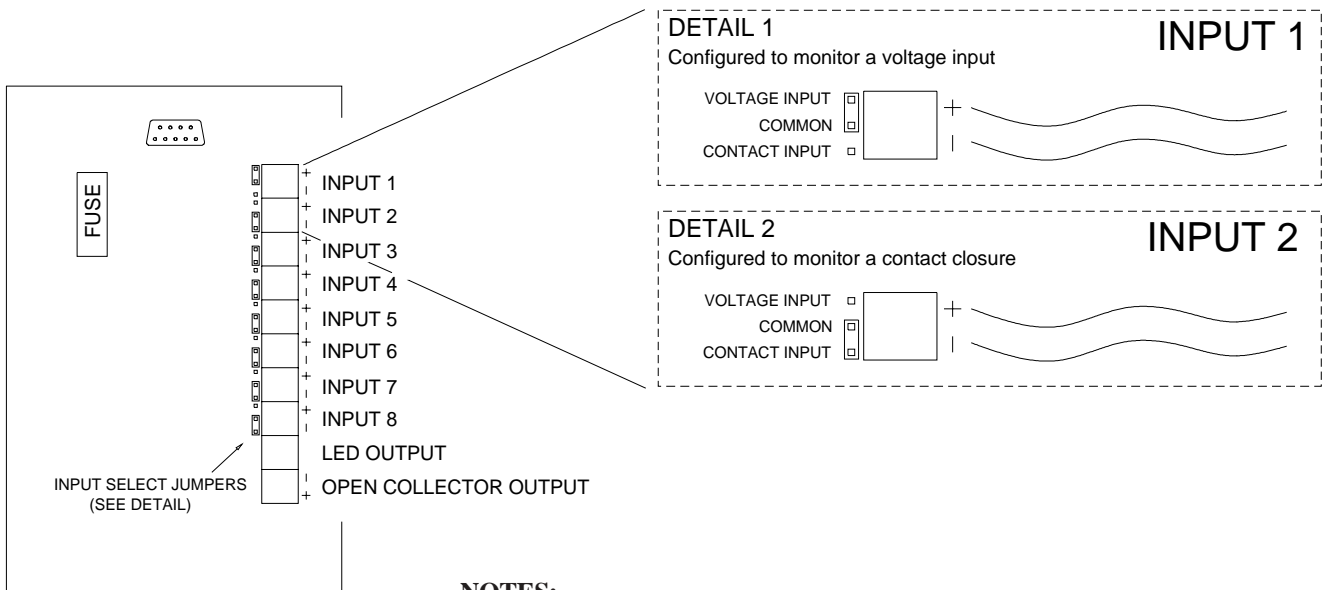
Scope Marketing (Communications UK) Ltd.
Totnes, Devon, England

Operating Frequency: 457.55 Mhz
RF Power output: 400–500mW
Deviation: ±4.5 Khz / 1200 Baud
Stability: ±2.5PPM over a range of 14°–131° F
Operating Voltage: 12 Volts DC
Current Consumption: 250 microamp standby,
300mA transmit @ 500mW

SERVICE

If your Tek-PAGING® NC373 Zone Security Transmitter or pagers require service, return them to TekTone® at the address listed in the front of this manual. Prior to returning the equipment, you must call TekTone®'s Sales Department at (800) 327-8466 and obtain a return authorization number (RMA number). **No returns will be accepted without an RMA number.**

Field Connection Diagram for Tek-PAGING® NC373 Zone Security Transmitter



NOTES:

1. Fuse is 2A, fast-blow.
2. Connect antenna before use.
3. **LED OUTPUT** polarity is marked A = Anode, K=Cathode.
4. Jumper must be set for voltage before applying voltage to any input.
5. **OPEN COLLECTOR OUTPUT** polarity is marked and rated at 1 amp/24 VDC maximum.
6. When used, input voltage should be 5-15 VDC (observing marked polarity).