

# SERVICE MANUAL

FOR

## MODEL SSP-371-X

STAINLESS STEEL PANEL ELEVATOR  
TELEPHONE

FOR MANUAL RING-DOWN OPERATION



*Serving the Telephone Industry Since 1930*

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*Communication Equipment  
& Engineering Company*

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519 W South Park Street  
Okeechobee, FL 34972

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Voice: 863-357-0798

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Fax: 863-357-0006

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# IMPORTANT INFORMATION FOR CUSTOMER

Please fill in before you continue.

The following information is necessary when calling CEECO for assistance.

|                    |   |
|--------------------|---|
| MODEL NUMBER       | MODEL SSP-371-X STAINLESS STEEL PANEL<br>ELEVATOR PHONE |
| SERIAL NUMBER      |   |
| DATE MANUFACTURED  |   |
| LOCATION INSTALLED |   |

For us to better serve you, please have this information available when calling for technical support.

## CEECO Communication Equipment & Engineering Company

519 W South Park Street  
Okeechobee, FL 34972  
863-357-0798- telephone  
863-357-0006- facsimile  
[info@ceeco.net](mailto:info@ceeco.net)  
[www.ceeco.net](http://www.ceeco.net)

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## 1.0 INTRODUCTION

The practices in this manual provide installation and maintenance information for the Model SSP-371-X Elevator Telephone.

The information in this manual is subject to change without notification.

For information not included in this manual, please call or write:

### **CEECO**

#### **Customer Service**

519 W South Park Street

Okeechobee, FL 34972

863-357-0798- telephone

863-357-0006- facsimile

[info@ceeco.net](mailto:info@ceeco.net)

[www.ceeco.net](http://www.ceeco.net)

## 2.0 GENERAL DESCRIPTION

The CEECO Model SSP-371-X Elevator Telephone is a Special Service Telephone designed for elevator installations, where a telephone must be both sturdy and vandal resistant. The telephone is designed to accept incoming calls only. The user cannot initiate a call. Any other type of operation would require the use of external dialing equipment.

## 3.0 OPERATION

An audible ringer indicates an incoming call. When the phone rings, lift the handset. Normal telephone operation will follow. When the call is completed, return the handset to the cradle.

## 4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT

Volt/Ohm Meter

1/4" Nut Driver

Flat Blade Screw Driver

Security Tool (sold separately)- CEECO P/N 301-037

## 5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

- 5.1 The SSP-371-X is designed to be mounted inside any apparatus box with dimensions of  $6 \frac{7}{8} \nabla W \times 9 \frac{3}{4} \nabla H \times 3 \nabla D$  or greater. CEECO part number 371-011 is an apparatus box, which is well suited for this purpose. Four mounting holes are required inside the box. If the holes are not tapped, then self-tapping screws should be used when mounting the panel. It is best to use the security screws, which do require tapped mounting holes.
- 5.2 Mount the two mounting support brackets provided to the apparatus box being used. Route the inside station wire and terminate to an RJ11C modular jack or terminal block.
- 5.3 The use of a gas tube station protector is recommended. The station ground should not exceed 50 ohms.
- 5.4 Plug the modular line cord from the telephone assembly into the RJ11C modular jack or terminal block. Dress the line cable away from the mounting holes. Install the telephone assembly by placing it into its mounting box and securing it with the four security screws.

### \*\*\*\*\*WARNING\*\*\*\*\*

- A. **Never install telephone lines during a lightning storm.**
- B. **Never install telephone jacks in wet locations, unless the jack is Specifically designed for wet locations.**
- C. **Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.**
- D. **Use caution when installing or modifying telephone lines.**

## 6.0 TESTING

- 6.1 Connect the phone to a working phone line or a DTMF test set.
- 6.2 From another phone or the DTMF test set, place a call to the SSP-371-X telephone.
- 6.3 Verify that the ringer is working.
- 6.4 Lift the handset and check that normal phone conversation is allowed.

## 7.0 TROUBLESHOOTING

Always visually check the phone for loose or shorted wires, damaged terminals or damaged parts,

PROBLEM: No dial tone. POSSIBLE CAUSE: Line cord  
RJ11C Connector  
Network  
Handset

PROBLEM: Dial tone distorted. POSSIBLE CAUSE: Network  
Handset

PROBLEM: Transmitter not on. POSSIBLE CAUSE: Handset  
Network

PROBLEM: Ringer doesn't work. POSSIBLE CAUSE: Ringer  
Network

## 8.0 SPECIFICATIONS

|                               |  |
|-------------------------------|--|
| INPUT POWER:                  | C.O. Line Powered  |
| LOOP CURRENT:                 | 23 mA min. to 80 mA max.                                     |
| IMPEDANCE:                    | 600 ohms   |
| SIGNALING:                    | DTMF, 70ms tone, 50ms spacing                                |
| HEARING AID<br>COMPATIBILITY: | Meets EIA standards  |
| ENVIRONMENTAL:                | Temperature 0°C to 50°C<br>Humidity 20%-90% non-condensating |
| TELEPHONE PANEL:              | Brushed 16 gauge stainless steel                             |
| DIMENSIONS:                   | 6 7/8" W x 9 3/4" H x 3" D<br>(handset on hook)              |
| MOUNTING:                     | Vertical surface or enclosure mount                          |
| WEIGHT:                       | Approximately 4 lb.  |
| RINGER EQUIVALENCY:           | 0.8A   |
| FCC REGISTRATION NO.:         | BW-88T7-13717-TE-T   |
| UL LISTED NO.:                | 60F5   |
| TYPE JACK:                    | RJ11C  |

## 9.0 PARTS LIST

| <u>QUANTITY</u> | <u>PART NUMBER</u> | <u>DESCRIPTION</u>                        |
|-----------------|--------------------|---|
| 1               | 371-014            | Handset with coiled cord & magnetic plate |
| 1               | 928-001            | Strain relief bushing                     |
| 1               | 401-009            | Ringer                                    |
| 1               | 301-009            | Network                                   |
| 1               | 945-001            | Magnetic reed switch assembly             |
| 1               | 341-018            | Modular cord                              |
| 1               | 371-003            | Stainless steel panel                     |
| 2               | 371-009            | Mounting support bracket                  |
| 4               | 406-019            | 10-32 x 1/2" Security Screws              |

### OPTIONAL

|         |                                       |
|---------|---------------------------------------|
| 730-103 | Model 730-LNB MBTD                    |
| 371-011 | Mounting box                          |
| 371-012 | Frame assembly for mounting box       |
| 406-019 | 10-32 x 1/2" Security screw (4 req'd) |
| 301-037 | Security tool                         |



## **10.0 FCC NOTICE**

### **10.1 FCC REGISTRATION AND REPAIR INFORMATION**

Your new telephone has been registered with the Federal Communication Commission (FCC) in accordance with Part 68 of its rules. The FCC requires that you be advised of certain requirements involving the use of this telephone.

### **10.2 CONNECTION AND USE WITH THE NATIONWIDE TELEPHONE NETWORK**

The FCC requires that you connect this telephone to the Nationwide Telephone Network through a registered jack provided by the Telephone Company in your area. This jack is a modular outlet, which you can order from your local telephone company.

### **10.3 NOTIFICATION TO THE TELEPHONE COMPANY**

Before connecting this telephone, the FCC requires that you notify your local telephone company business office. The number is in the front of your phone book.

Tell them:

The "line" to which you will connect the telephone (that is, your phone number), the telephone's FCC registration number and ringer equivalence number. These numbers are listed in section 7.0

The FCC further requires that you notify your local telephone company when permanently disconnecting this telephone.

## 11.0 REPAIR AND RETURN INFORMATION

### 11.1 WARRANTY REPAIR

Any device returned requiring warranty service, repair or credit must be accompanied with a "Return Material Authorization" (RMA) FORM. It must include: return shipping instructions, original purchase order number and special marking instruction. A description of the trouble observed must be attached to the defective unit. This information must be inside the shipping container.

### 11.2 DIRECT ALL INQUIRES TO:

**CEECO**  
**Repair Department**  
863-357-0798- telephone  
863-357-0006- facsimile  
[info@ceeco.net](mailto:info@ceeco.net)  
[www.ceeco.net](http://www.ceeco.net)

### 11.3 NON-WARRANTY REPAIR

CEECO will repair equipment out of warranty for a set charge plus parts. The customer must pay the shipping costs for both directions.

### 11.4 RETURN FOR CREDIT

Material may be returned for credit only with prior approval. Material authorized for return is subject to a 20% restocking charge based on the manufacturer's list price. Return Material Authorization must be requested no later than 30 days after original shipment.

## **12.0 WARRANTY POLICY**

### **12.1 GENERAL**

CEECO products are guaranteed to be free of defects in material and workmanship for a period of 365 days from the date of original purchase. CEECO's obligation under this warranty is limited to repair or replacement of any part found to be defective by CEECO. Under no circumstances shall CEECO be liable for loss, damage, cost of repair, or consequential damages of any kind which have been caused by neglect, abuse, acts of GOD, or improper operation of equipment.

CEECO will repair or replace any unit during this period if found to be defective for reasons other than abuse, neglect, acts of GOD, or improper operation. It is the buyer's responsibility to return the defective unit to the factory. CEECO will then repair or replace any defective parts and return the unit to the buyer free of charge.

### **12.2 PRINTED CIRCUIT BOARDS**

Printed circuit boards should not be field repaired. If a unit is found to be faulty, replace it with another unit and return the faulty unit to CEECO for repair. Modifications by anyone other than CEECO will void the warranty.