

**SERVICE MANUAL**

**FOR**

**MODEL SSP-351-X**  
(FORMERLY SSP-310-X)

**STAINLESS STEEL PANEL  
TELEPHONE**



*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-351-X STAINLESS STEEL PANEL TELEPHONE.
SERIAL NUMBER	
DATE MANUFACTURED	
LOCATION INSTALLED	

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

## CEEEO

*Communication Equipment and 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 Model SSP 351-X Stainless Steel Panel 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 351-X Stainless Steel Panel Telephone is designed for special applications where a telephone must fit into a standard 4 gang mounting box. The SSP-351-X will accept incoming calls only, the user cannot initiate a call. This telephone could, however, be used in conjunction with external automatic dialing equipment, which would allow phone calls to be made when the handset is lifted.

## 3.0 OPERATION

An incoming call is indicated by an audible ringer. When the phone rings, lift the handset. Normal operation will follow.

## 4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT

Volt/Ohm Meter  
1/4" Nut Driver  
Flat Blade Screw Driver  
Security Tool, CEECO Part Number 301-064

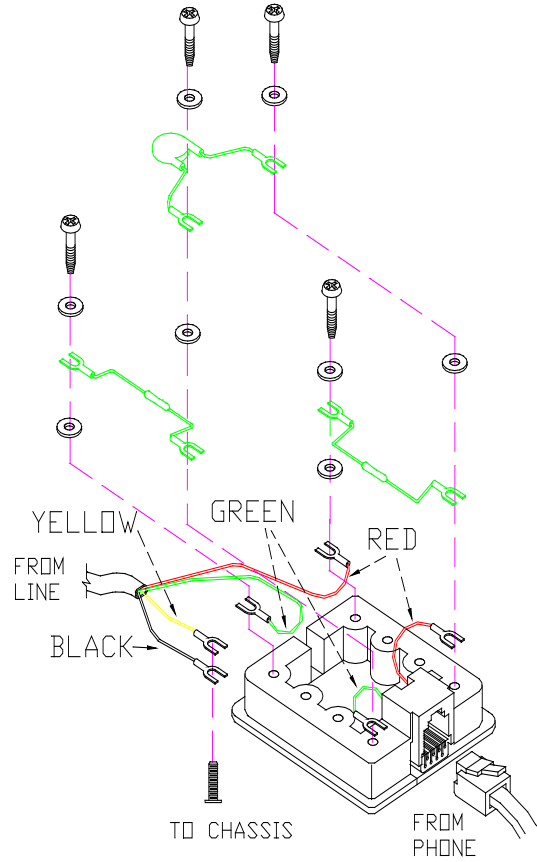
## 5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

- 5.1 Using a 301-064 security tool (sold separately) loosen and remove the security screws. The security tool is for a standard 5/32" button head screw generally used on the framework of the phone booths.
- 5.2 Carefully separate the faceplate assembly from the mounting box by gently pulling the faceplate forward.
- 5.3 Determine and remove the desired knock out hole for running the telephone wire, and mount the masonry box as needed.
- 5.4 Run the telephone wire into the box and terminate on the provided RJ11C **must** be used, as it contains required over-voltage protection circuitry.
- 5.5 The use of a gas tube or carbon station protector is recommended. The station ground should not exceed 50 ohms.
- 5.6 Plug the modular line cord from the faceplate assembly into the RJ11C terminal block.
- 5.7 Dress the line cable and modular jack away from the security screws and seat the faceplate into the housing enclosure.
- 5.8 Secure the faceplate assembly by tightening the security screws.

### **WARNING**

- A. Never install telephone wiring 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.**

### 5.9 OVER-VOLTAGE PROTECTION DIAGRAM



PROPRIETARY

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## 6.0 TESTING

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

## 7.0 SPECIFICATIONS

INPUT POWER:	C.O. Line Powered
LOOP CURRENT:	23mA min to 80mA max
IMPEDANCE:	600 ohms
HEARING AID COMPATIBLE:	Meets EIA standards
ENVIRONMENTAL:	Temperature 0°C to 50°C Humidity 20%-90% non-condensating
TELEPHONE COVER:	Brushed 16 ga. Stainless Steel
PANEL TELEPHONE DIMENSIONS	4.55" Wide x 8 1/4" High x 2.60" inside box x 3.10" outside box with handset on hook
MOUNTING:	Standard 4 gang electrical <b>MASONRY</b> box 7 13/32"H x 3 3/4"W x 3 1/2"D 1/2 & 3/4" Knockouts.
WEIGHT:	Approximately 3 lb.
RINGER EQUIVALENCY:	0.4A
FCC REGISTRATION:	BW-88T7-13716-TE-T
UL LISTED NO.:	6OF5
TYPE JACK:	RJ11C

**8.0 PARTS LIST**

<b><u>QUANTITY</u></b>	<b><u>PART NUMBER</u></b>	<b><u>DESCRIPTION</u></b>
1	301-004	Handset with Armored Cord
1	301-009	Network
1	301-588	Hookswitch Cradle
1	301-581	Tongue and Bracket
2	301-570	Microswitch
1	301-018	Modular Cord
1	331-003	Stainless steel panel
1	401-009	Electronic Ringer
4	311-008	Security Screw #6-32 x 1 1/2"
1	301-001	Mounting Box (Standard, 4-Gang, Electrical Masonry Box)
<b><u>OPTIONS:</u></b>		
1	301-064	Security Tool



## **9.0 FCC NOTICE**

### **9.1 FCC REGISTRATION AND REPAIR INFORMATION**

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

### **9.2 CONNECTION 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.

### **9.3 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 (your phone number) and the telephone's FCC registration number and ringer equivalence number. These numbers are listed in Section 9.0.

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

## **10.0 REPAIR AND RETURN INFORMATION**

### **10.1 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.

### **10.2 DIRECT ALL INQUIRES TO:**

**CEECO  
Repair Department  
519 SW 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)

### **10.3 NON-WARRANTY REPAIR**

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

### **10.4 RETURN FOR CREDIT**

Material may be returned for credit only with prior approval. Material not authorized for return is subject to a 20% restocking charge based on the manufacturers list price. Return RMA must be requested no later than 30 days after original shipment.

## **11.0 WARRANTY POLICY**

### **11.1 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 and improper use or improper installation. 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 them to the buyer free of charge.

### **11.2 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 any one other than CEECO will void the warranty.