

SERVICE MANUAL
FOR
MODEL SSW-321-X
STAINLESS STEEL WALL TELEPHONE



Serving the Telephone Industry Since 1930

*Communication Equipment
& Engineering Company*

519 W South Park Street

Okeechobee, FL 34972

Voice: 863-357-0798

Fax: 863-357-0006

IMPORTANT INFORMATION FOR CUSTOMER

Please fill in before you continue.

The following information is necessary when calling CEECO for assistance.

MODEL NUMBER	MODEL SSW-321-X STAINLESS STEEL WALL TELEPHONE.
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 and Engineering Company

519 W South Park Street
Okeechobee, FL 34972
863-357-0798- telephone
863-357-0006- facsimile

info@ceeco.net

www.ceeco.net

CEECO

Communication Equipment & Engineering Company

PROPRIETARY

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 INTRODUCTION.....	4
2.0 GENERAL DESCRIPTION	4
3.0 OPERATION	4
4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT	4
5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS	5
6.0 TESTING.....	6
7.0 TROUBLESHOOTING GUIDE	6
8.0 SPECIFICATIONS.....	7
10.0 FCC NOTICE.....	9
11.0 REPAIR AND RETURN INFORMATION.....	10
12.0 WARRANTY POLICY	11

1.0 INTRODUCTION

The practices in this manual provide installation and maintenance information for the Model SSW-321-X Stainless Steel Wall 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
www.ceeco.net

2.0 GENERAL DESCRIPTION

The CEECO Model SSW 321-X is a Stainless Steel Telephone designed for special applications where a durable telephone instrument must be sturdy and attractive. The SSW 321-X will accept incoming calls only. The user cannot initiate a call. Please note, however, that external automatic dialing equipment could be used in conjunction with this phone, which would allow it to automatically dial a number 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 301-037

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

- 5.1 Using a 301-037 security tool (sold separately), loosen and remove the security screw located in the bottom of the phone case.
- 5.2 The security tool is for a standard 5/32" button head screw generally used on the framework of the phone booths.
- 5.3 Separate the telephone housing from the backplate by pulling the bottom of the housing forward and lifting up on the housing.
- 5.4 The backplate is designed to be mounted on a flat vertical surface. Four mounting holes are provided.
- 5.5 Run the inside station wire through the backplate and terminate on the RJ11C terminal block inside.
- 5.6 The use of a gas tube station protector is recommended. The station ground should not exceed 50 ohms.
- 5.7 Plug the modular line cord from the telephone into the RJ11C terminal block.
- 5.8 Dress the line cable away from the locking screw and seat the case onto the backplate. Secure the case by tightening the security screw.

*******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.**

6.0 TESTING

- 6.1 Connect the phone to a phone line or a DTMF phone test set.
- 6.2 From the test set or another phone place a call into the 321-X.
- 6.3 Verify that the ringer is working.
- 6.4 Lift the handset and check that a normal conversation is allowed.

7.0 TROUBLESHOOTING GUIDE

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
HOOKSWITCH ASSEMBLY

PROBLEM: DIAL TONE IS DISTORTED

POSSIBLE CAUSE:

NETWORK
HANDSET

PROBLEM: TRANSMITTER DOES NOT TURN ON

POSSIBLE CAUSE:

HANDSET
NETWORK

PROBLEM: RINGER DOES NOT OPERATE

POSSIBLE CAUSE:

RINGER
NETWORK

8.0 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
DIMENSIONS:	5" Wide x 10 3/4" High x 5 1/2" Deep (Handset On Hook)
MOUNTING:	Vertical Surface Mount
WEIGHT:	6 lbs.
FCC REGISTRATION:	BW88T7-68413-TE-T
UL LISTED NO.:	6OF5
RINGER EQUIVALENCY:	0.4A
TYPE JACK:	RJ11C

9.0 PARTS LIST

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	301-004	Handset with armored cord
1	401-009	Ringer
1	301-009	Network
1	301-581	Tongue & Bracket
1	301-528	Hookswitch & Cradle assembly
1	321-012	Stainless Steel Housing
1	321-017	Stainless Steel Backplate
2	301-570	Microswitch
1	321-016	1/4"x 20"x 3/4" Security Screw
1	301-018	Modular cord
1	301-054	Modular jack

ACCESSORIES:

1	301-037	Security tool, 1/8" button head
---	---------	---------------------------------

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) and the telephone's FCC registration number and ringer equivalence number. These numbers are listed in Section 8.0.

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

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 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 manufacturers 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, act of God or improper operation of equipment. This warranty is limited to the value of material only.

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.