SERVICE MANUAL

FOR

MODEL SSC-301-X
(FORMERLY 301-XS)

STAINLESS STEEL TELEPHONE

FOR MANUAL RING-DOWN OPERATION

Serving the Telephone Industry Since 1930

Communication Equipment	**519 SW Park Street**
& Engineering Company	**Okeechobee, FL 34972**
sales@ceeco.net	**Voice: 863-357-0798**
www.ceeco.net	**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 SSC-301-X
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 SW Park Street
Okeechobee, FL 34972

(863) 357-0798 Voice
(863) 357-0006 Fax

TABLE OF CONTENTS

<u>**SECTION**</u>   <u>**PAGE**</u>

1.0   INTRODUCTION

The practices in this manual provide installation and maintenance information for the Model SSC-301-X Stainless Steel 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 SW Park Street
Okeechobee, FL 34972

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(863) 357-0006 FAX
sales@ceeco.net

2.0   GENERAL DESCRIPTION

The CEECO Model SSC-301-X is a Stainless Steel Telephone designed for special applications where a durable telephone instrument must be sturdy and attractive. The Telephone will accept incoming calls only and cannot initiate a call, unless mated with external dialing/call-processing equipment.

3.0   OPERATION

The audible ringer indicates an incoming call. When the phone rings, lift the handset and normal operation will follow. If the telephone is mated with external equipment, then it will operate as governed by that equipment.

4.0   RECOMMENDED TOOLS AND TEST EQUIPMENT

Volt/Ohm Meter
1/4" Nut Driver
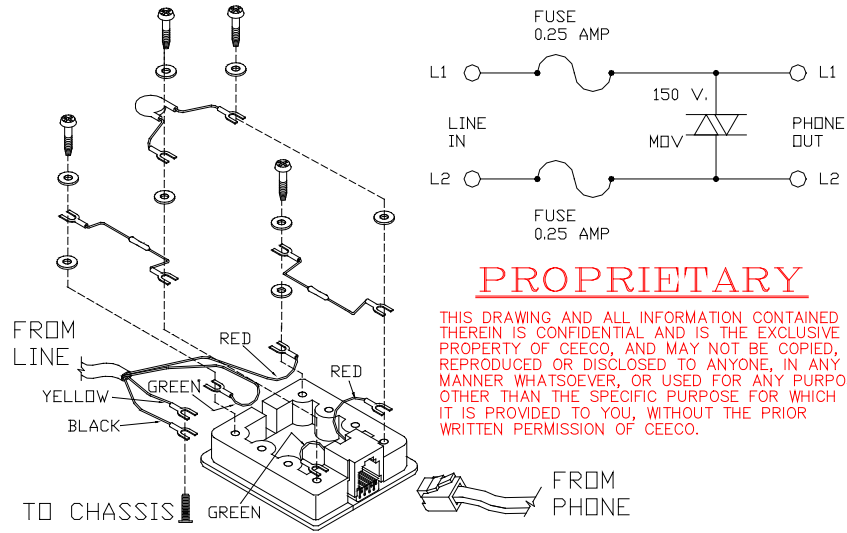Flat Blade Screw Driver
Security Tool 301-037

5.0   INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

5.1   Using a 301-037 security tool (sold separately), loosen (do not remove) the locking screw and remove the security screws on either side of the telephone. The security tool is for a standard 5/32" button head screw generally used on the framework of the phone booths.

5.2   Separate the cover assembly from the backplate assembly. The backplate assembly may be installed on any standard backboard or coin phone enclosure.

5.3   Run the inside station wire through the backplate assembly and terminate on to the RJ11C modular jack on the backplate, as depicted on the following page. The CEECO-provided modular jack <u>must</u> be used, as it contains required over-voltage protection.

5.4   The use of a gas tube station protector is recommended. The station ground should not exceed 50 ohms.

5.5   Install the instruction card, instruction card window and instruction card frame using the eight retaining nuts provided. A 5/16 inch nut driver is required.

5.6   Plug the modular line cord from the cover assembly into the RJ11C terminal block. Dress the line cable away from the locking screw and install the cover assembly by hanging it on the four hook shaped supports.

5.7   Secure the cover assembly by tightening the security screws on either side of the case and the locking screw on the front of the case.

*****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.

5.8 OVER-VOLTAGE PROTECTION DIAGRAM

6.0   SPECIFICATIONS

INPUT POWER:	C.O. Line Powered
LOOP CURRENT:	23ma. Min. 80ma. Max.
IMPEDANCE:	600 Ohms
SIGNALING:	DTMF, 70ms Tone, 50ms Spacing
OUTPUT:	-4.0 to -6.0dbm
HEARING AID COMPATIBLE:	Meets EIA Standards
ENVIRONMENTAL:	Temperature 0C to 50C Humidity 20%-90% Non-condensating
PROGRAMMING:	Via DTMF Keypad
TELEPHONE PANEL:	Stainless Steel, 14 gauge
DIMENSIONS:	7 1/2" Wide x 21" High x 6 1/2" Deep (Handset on hook)
MOUNTING:	Standard Coinless Public Telephone footprint
MEMORY RETENTION:	Lithium Battery – Long Life
WEIGHT:	Approximately 17 Pounds
FCC REGISTRATION:	BW-88T7-13823-TE-T
UL LISTED NO.:	6OF5
RINGER EQUIVALENCY:	0.7A
TYPE JACK:	RJ11C
PROGRAM VERSION:	ADI 2.01

7.0 FCC NOTICE

7.1 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.

7.2 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.

7.3 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.

8.0   PARTS LIST

QUANTITY	PART NUMBER	DESCRIPTION
1	301-221	MODEL 301-X COVER
1	301-051	MODEL 301 BACKPLATE
1	301-052	RUBBER GROMMET
1	301-054	MODULAR CONNECTOR-RJ11C
1	301-018	MODULAR LINE CORD
1	301-039	NUMBER WINDOW
1	301-040	NUMBER CARD
1	301-588	HOOKSWITCH CRADLE
1	301-581	TONGUE & BRACKET ASSY.
2	301-570	MICROSWITCH ASSY.
1	301-030	INSTRUCTION CARD KIT
1	301-009	NETWORK
1	301-004	HANDSET, ARMORED CORD
1	301-012	OUTER COVER LOCK SCREW
1	308-015	HANDSET SWIVEL

ACCESSORIES:

1	301-037	SECURITY TOOL

9.0   REPAIR AND RETURN INFORMATION

9.1   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 original shipping container.

9.2   DIRECT ALL INQUIRES TO:

CEECO
Repair Department
519 SW Park Street
Okeechobee, FL 34972
(863) 357-0798

9.3   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.

9.4   RETURN FOR CREDIT

Material may be returned for credit only with prior approval. Material authorized for return is subject to a 15% restocking charge based on the manufacturer's list price. Return RMA must be requested no later than 60 days after original shipment.

9.5   EXCHANGE POLICY

If a replacement unit is required it will be shipped in the most expedient manner consistent with the urgency of the situation. Please contact "customer service" for instructions regarding exchange of modules or printed circuit boards.

10.0   WARRANTY POLICY

10.1   GENERAL

CEECO products are guaranteed to be free of defects in material and workmanship for a period of 12 months from the date of original shipment, if properly installed and maintained. This warranty is limited to the value of material only.

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.

10.2   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.