

SERVICE MANUAL

FOR

MODEL SSP-350-X-145

WALL MOUNT

PRISON VISITATION TELEPHONE



Serving the Telephone Industry Since 1930

*Communication Equipment
& Engineering Company*

519 West 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 SSP-350-X-145 PRISON VISITATION 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 & Engineering Company

519 West South Park Street

Okeechobee, FL. 34972

(863) 357-0798 Voice

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1.0 INTRODUCTION

The practices in this manual provide installation and maintenance information for Model SSP 350-X-145 Stainless Steel Panel Visitation Phone.

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 West South Park Street
Okeechobee, FL. 34972

(863) 357-0798
(863) 357-0006 FAX

2.0 GENERAL DESCRIPTION

The CEECO Model SSP-350-X-145 is a Ring-Down Telephone designed for special-purpose applications that require a Vandal Resistant yet attractive telephone. This unit is typically sold in pairs along with the CEECO 350-255 power supply and 350-250 modular jack interface for joining the pairs in conversation. However, it may be used as a stand alone ring down telephone unit on a ring down circuit or for in-coming calls only on a standard telephone line. If used as such, the unit's telephone line cord can simply be plugged into the intended jack. The unit comes with both a standard telephone line cord as well as tip and ring (power supply) wire leads.

3.0 OPERATION

Lift the handset and normal conversation will follow, as configured for the particular installation. Upon completion of call return handset to cradle.

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 (sold separately)

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

- 5.1** The power supply is intended to run off of an 110v line and comes with a 3-prong grounding plug. The 110v outlet must be grounded, or a separate ground wire should be run from the individual phone units to a suitable ground. Plug the power supply into an 110v outlet and install the power supply in the desired location. The selected location must be out of reach for users. ***Grounding and installation must be in accordance with all applicable local and national electrical and building codes.**
- 5.2** Determine the desired mounting locations for the RJ11C modular jack/interface units. Run the green and red (tip and ring) wires with the modular jacks/interfaces to those locations. Mount the jacks/interfaces as desired.
- 5.3** The SSP-350-X-145 is designed to fit into a standard double-gang, masonry style, wall-mount box (provided) and is equipped with a modular cord. Determine the desired routing path for the modular cords and make the appropriate knock out holes on the mounting boxes. Install the mounting boxes as desired.
- 5.4** Run the modular cords through the knock out holes in the mounting boxes. Mount the telephone units, utilizing the security screws provided, to the mounting boxes. The security tool, which is sold separately, must be used for the security screws.
- 5.5** Plug the modular cords into the modular jacks/interfaces. The phone units plugged into the same modular jack will allow talk paths to one another. If more length is needed for the modular cords, a simple in-line coupler is recommended. A section of modular-to-modular line cord can then be used to bridge the desired distance. The coupler and line cord can be purchased at a typical electronic supply store. Alternatively, the tip and ring wire leads may be used.
- 5.6** The phone units must be plugged in with the power supply on for a few minutes, before they will fully function.
- ***** 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** Once installation has been completed, allow the phones to rest on-hook a few minutes, with the power supply on.
- 6.2** Lift the handsets of the units that are intended to talk to one another. Determine that normal conversation is allowed. If so, return the handsets to the cradles. The phone units are ready for use.
- 6.3** If normal conversation does not take place, please review the installation steps. Make a visual check to ensure that all wires and connectors are as they should be. Remember that the phone units, which are connected to the same modular jack, will allow talk paths to one another. A phone connected to one jack/interface cannot talk to a phone connected to another jack/interface. The modular jacks/interfaces that are provided must be used, as they are modified to work in conjunction with the power supply.
- 6.4** Once it has been determined that the installation and connections are correct, and if trouble is still experienced, please refer to section 9.2 of this manual.

7.0 SPECIFICATIONS

INPUT POWER:	C.O. Line powered or Talk battery (power supply)
LOOP CURRENT:	23 ma min. to 80 ma 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:	4.5" Wide x 4.5" High x 4.5" Deep (Handset On-hook)
MOUNTING:	Standard double gang electrical box Weatherproof Wall Mount Type
WEIGHT:	Approximately 3 lb.
FCC REGISTRATION:	BW-88T7-13716-TE-T

8.0 PARTS LIST

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	301-591	5-Wire Magnetic Hook Switch
1	301-106-32	Handset with 32" Armored Cord
1	301-009	Network
1	301-018	Line Cord
1	301-005	Ferrule
4	331-006	#6-32 x 1/2" Security Screw (4 screws are needed per unit)
1	Standard	DBL Gang Wall Mount Box
1	306-212-89	Lanyard Bracket

OPTIONS:

1	301-064	Security Tool (for screw above)
1	350-255	Power Supply
1	350-250	Interface Jack (1 per pair)
1	301-106-18	Handset with 18" Armored Cord

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 shipping container.

9.2 DIRECT ALL INQUIRES TO:

CEECO

Repair Department
519 West South 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 20% restocking charge based on the manufacturer's list price. Return RMA must be requested no later than 30 days after original shipment.

10.0 WARRANTY POLICY

10.1 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, and cost of repair or consequential damages of any kind, which have been caused by neglect, abuse, acts of God or improper operation of equipment. This warranty is limited to the value of material only.

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 any one other than CEECO will void the warranty.