Issue 4.0

MODEL SSP 361-D

STAINLESS STEEL PANEL TELEPHONE

Equipped with ATD11 Board

SERVICE MANUAL

®
COMMUNICATION EQUIPMENT AND ENGINEERING COMPANY
519 W South Park Street Okeechobee, FL 34972
863-357-0798 telephone
Serving The Telephone Industry Since 1930.

IMPORTANT INFORMATION

FOR CUSTOMER

Please fill in before you continue.

The following information is necessary when calling CEECO for assistance.

MODEL NUMBER	MODEL SSP-361-D EQUIPPED WITH ATD11 BOARD
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

TABLE OF CONTENTS

SECTION **PAGE**

1.0 GENERAL DESCRIPTION 5

2.0 PROGRAMMING 5

3.0 OPERATION 6

4.0 RECOMMENDED TOOLS AND TEST EQUIPMENT 6

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS 6

6.0 TESTING 7

7.0 TROUBLESHOOTING 8

8.0 SPECIFICATIONS 9

9.0 PARTS LIST 10

10.0 FCC NOTICE 11

11.0 REPAIR AND RETURN INFORMATION 12

12.0 WARRANTY POLICY 13

INTRODUCTION

The practices in this manual provide installation and maintenance information for Model SSP-361-D 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
www.ceeco.net

1.0 GENERAL DESCRIPTION

The CEECO Model SSP-361-D is a Stainless Steel Panel Telephone designed for special purpose applications where a telephone must be both sturdy and attractive. It is equipped with an ATD-11A automatic tone dialer that will dial a single number of up to eleven (11) digits. The automatic dialing feature is activated when the handset is lifted ("off hook" condition).

The SSP-361-D is not designed for incoming calls, but may still receive them. If a call is placed to the phone, the automatic dialer will still dial its number when the receiver is lifted off hook.

2.0 PROGRAMMING

NOTE: It is recommended that you ground yourself to prevent ESD damage to the PCB(s).

2.1 If the number to be programmed is a (1+) call, position the J1 green mini-jumper on the "1+" position, which will cause the digit "1" to be dialed in front of the other digits. If the number to be programmed is a local call, position the J1 green mini-jumper on the "B" position, which is also the farthest right position. If you have difficulty locating the J1 green mini-jumper, it is the first jumper position you will see just below the right hand corner of the A-K main matrix board, which contains ten green mini-jumpers.

2.2 If a 3 digit area code is to be dialed, position the J3 green mini-jumper on the "11" position. If the number being dialed is within the same area code, position the J3 green mini-jumper on the "8" position. The J3 green mini-jumper is located just below the J1 jumper. It is the second green mini-jumper you will see below the right hand corner of the A-K main matrix board.

2.2 Set each of the 10 green mini-jumpers on the A-K main matrix board to correspond to the 10 digits of the number to be dialed. The last 3 digits will be ignored if the J3 jumper is on "8".

2.4 Be sure each green mini-jumper is properly positioned to make good contact and dial the intended number.

2.5 Temporarily remove the J2 jumper. As accurately as possible, measure the time delay between the moment the handset is lifted and the moment the phone receives dial tone. Try it several times. If this time is consistently 1 second or less, position the J2 jumper on the "1" position to set the delay before dialing to 1 1/2 to 2 seconds. Otherwise position the J2 jumper on the "3" position to set the delay before dialing to 3 to 4 seconds. The J2 mini-jumper is the lone green mini-jumper located farthest from the right hand corner of the A-K main matrix board.

3.0 OPERATION

Lift the handset. After a delay for dial tone, the programmed number will be dialed automatically and a normal phone conversation may take place.

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), remove the security screws.

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 panel from the mounting box.

5.4 The mounting box is designed to be mounted flush with a flat vertical surface. Mounting holes are provided on all sides and the back of the box.

5.5 Run the inside station wire through the mounting box and terminate the Tip and Ring wires to the green and red wires of the RJ11C terminal block, located inside the box.

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 panel assembly into the RJ11C terminal block.

5.8 Dress the line cable away from the mounting holes before installing the panel onto the mounting box.

*******WARNING*******

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

6.0 TESTING

6.1 Program the phone according to section 2.0

6.2 Lift the handset. Phone waits one and one half to four seconds (depending on the position of J2 per Section 2.05). The programmed number is automatically dialed.

6.3 The transmitter is muted while the phone is dialing.

6.4 Incoming calls are not recommended but if a call is placed to the phone and the handset is lifted there is a one and one half to four second delay (depending on the position of J2. Section 2.05), the programmed number is dialed, and then a normal phone conversation can take place.

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
CONNECTOR
RJ11C CONNECTOR
NETWORK
HANDSET
ATD-11A BOARD

PROBLEM: DIAL TONE IS DISTORTED

POSSIBLE CAUSE:
NETWORK
HANDSET

PROBLEM: TRANSMITTER DOES NOT TURN ON

POSSIBLE CAUSE:
HANDSET
NETWORK

PROBLEM: PHONE DOESN'T DIAL PROGRAMMED NUMBER

POSSIBLE CAUSE:
ATD-11A BOARD
PROGRAMMING SWITCH MATRIX SET WRONG
JUMPER IN WRONG POSITION

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%
FACEPLATE:	Brushed 14 gauge Stainless Steel
MOUNTING:	Apparatus Box
DIMENSIONS:	10.12” W x 13.12” H
WEIGHT:	8 lb.
FCC REGISTRATION:	BW88T7-13716-TE-T
UL LISTED NO.:	6OF5
RINGER EQUIVALENCY:	0.4A
TYPE JACK:	RJ11C

9.0 PARTS LIST

QUANTITY	PART NUMBER	DESCRIPTION
1	350-130	ATD-11A Automatic Tone Dial
1	301-004	Handset with Armored Cord
1	401-009	Ringer
1	301-009	Network
1	301-588	Hookswitch Cradle
1	301-581	Tongue and Bracket Assembly
2	301-570	Microswitch Assembly
1	301-018	Modular Cord
1	301-054	Modular Jack
1	361-001	Apparatus Box
6	406-019	Security Screw 10-32 x 1/2”
ACCESSORIES:		
1	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 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 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
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 repaired in the field. 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.