

SERVICE MANUAL

FOR

MODEL SSP-599-F

SPEAKERPHONE / HANDSET
COMBINATION 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 SSP-599-F
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 W South Park Street
Okeechobee, FL 34972
863-357-0798- telephone
863-357-0006- facsimile
info@ceeco.net
www.ceeco.net

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1.0 INTRODUCTION

This manual provides installation, operation and specification information for the CEECO Model SSP-599-F 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:

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2.0 GENERAL

- 2.1 The CEECO Model SSP-599-F Handsfree/Handset telephone is a sturdy, vandal resistant, stainless steel panel speakerphone, equipped with a handset and keypad.
- 2.2 The phone is designed for placing normal phone calls with either the speakerphone or the handset, and allows the user to switch modes during the phone call.
- 2.3 The SSP-599-F is equipped with an audible ringer and can receive incoming calls.
- 2.4 The telephone is also equipped with a red LED light to indicate when the telephone is off-hook.

3.0 OPERATION

- 3.1 A phone call may be initiated from either the handset or the speakerphone. To place a call, lift the handset or press the speakerphone button and dial the intended number on the keypad. When the called party answers, a normal telephone conversation is allowed.

- 3.2 To change from handset operation to speakerphone, press the speakerphone push button and then hang up the handset. A normal speakerphone conversation is then allowed.
- 3.3 To change from speakerphone to handset operation, pick up the handset and then press the speakerphone button. Normal handset operation should follow.
- 3.4 The phone need not be switched at all. The call may be made entirely with the handset or entirely with the speakerphone.
- 3.5 If a call is placed to the phone, it may be answered in either mode and switching between modes would be as stated above.

NOTE: When switching between the two modes (speakerphone and handset) be sure to activate one device before deactivating the other to avoid an accidental hang up.

- 3.5 To end the phone call in handset mode, simply hang up the handset. To end the phone call in speakerphone mode, press the speakerphone button. When the telephone has actually been hung up, the red light will turn off.

4.0 RECOMMENDED TOOLS

Security Tool (CEECO P/N 301-064) sold separately.
Screw Drivers – Flat Blade and Phillips Head.
Wire Cutters/Strippers.
Mounting hardware and appropriate tools for installing mounting box.

5.0 INSTALLATION NOTES AND ASSEMBLY INSTRUCTIONS

- 5.1 Using a 301-064 security tool (sold separately) remove the six (6) security screws.
- 5.2 Remove the telephone assembly from its mounting box and place it carefully out of harms way.

NOTE: Avoid contacting the internal parts of the telephone assembly with other objects, as this may cause damage to the telephone.

Install the mounting box in the desired location (vertical surface).

- 5.3 Run the inside station wire through the mounting box and terminate the wire on the RJ11C terminal block.
- 5.4 The use of gas tube or carbon station protectors is recommended. The station ground should not exceed 50 ohms.

- 5.5 Plug the modular line cord from the PC board into the RJ11C terminal block.
- 5.6 Dress the line cord away from the mounting holes and seat the phone into the mounting box.
- 5.7 Secure the telephone assembly by replacing and tightening the six (6) 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.**

6.0 TESTING

- 6.1 Lift the handset and place a call to another location using the keypad. A normal telephone conversation should be allowed. The red LED light should illuminate steadily.
- 6.2 Press the speakerphone button and hang up the handset. Verify that a normal speakerphone conversation is allowed.
- 6.3 Lift the handset and press the speakerphone button. Normal telephone operation should return to the handset.
- 6.4 End the call by hanging up the handset. The red LED light should go out.
- 6.5 Press the speakerphone button and place a call to another location using the keypad. Switch from speakerphone operation to handset operation and back again as above.
- 6.6 End the call by pressing the speakerphone button to hang up the phone. The red LED light should go out.
- 6.7 Place a call to the telephone using another telephone or a test set.

- 6.8** Verify that the ringer is working and answer the phone by either lifting the handset or pressing the speakerphone button. The red LED light should illuminate steadily. Verify that a normal conversation is allowed. Switch between the two modes and verify that they function well. End the call by hanging up the phone as appropriate for last mode being used.
- 6.9** The telephone is now ready for operation.

7.0 SPECIFICATIONS

Input Power:	C.O. Line Powered (48-52 Volt Loop)
Loop Current Handset:	25 mA min. 80 mA max.
Loop Current Speakerphone:	23 mA min 80 mA max.
Impedance:	600 Ohms.
Output Handset:	-9.0 to -11.0 dbm.
Output Speakerphone:	-4.0 to -6.0 dbm
Environmental:	Temperature 0°C to 50°. Humidity 20% to 90% non-condensating.
Dimensions: (SSP)	10.25" High x 13.125" Wide x 5.50" Deep (handset on hook).
Mounting:	Mounting Box/Vertical surface mount. (Mounting Box Dims)– 8.54"H x 11.52"L x 2.65"
Weight:	Approximately 6lb. - Telephone Assembly

D

Approximately 3.5lb - Mounting Box
 Approximately 9.5lb.- Total

UL listed no.: 60F5
 FCC registration: BW8USA-73021-MT-E
 Ringer equivalence: 0.4a
 Type jack: RJ11C

8.0 PARTS LIST

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
1	301-018	Modular line cord.
1	301-054-UL	Modular Connector (RJ11C).
1	660-100	CEECO SPK PC board.
1	6020	Momentary Panel Switch.
1	14024	Speaker.
1	14067	Microphone.
1	301-004	Handset with Armored Cord
1	735-100	Model 730 Metal Button Tone Dial
1	301-581	Tongue and Bracket Assembly

1	301-588	Hookswitch Cradle
2	301-570	Microswitch Assembly
1	401-009	Ringer
1	301-009	Network
1	6023	LED
1	308-016	Handset Swivel
1	301-052	Grommet
1	13074-C	PC Board

OPTIONS

1	301-064	Security Tool.
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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 of its rules. 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 (that is, 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

863-357-0798- telephone

863-357-0006- facsimile

info@ceeco.net

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 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.

11.0 WARRANTY POLICY

11.1 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.

11.2 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 any one other than CEECO will void the warranty.