SAFE SET TELEPHONE

OPERATIONS MANUAL

REGULATORY INFORMATION

Ringer Equivalence Number:

Please note thet each telephone connected to the telephone line places a certian electrial load on the line. This is called the Ringer Equivalence Number (REN).
When using more than one product on the line, add all the Ringer Equivalence Numbers. If they total more than five your telephone equiptment may not ring. In rural areas a total of three may impair ringer operation. To be sure check with your telephone company to determine the total REN allowed for your line.

The following paragraphs describe requirements and regulations of the FCC and local Telephone Company to be considered before installation of your telephone equiptment.

Rights of the Telephone Company

If your telephone equiptment is causing harm to the telephone network, the telephone company may temporarily disconnect your telephone service. If possible they will notify you as soon as possible. You will be given the opportunity to correct the problem and you will be informed of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equiptment, operations, or procedures that may affect the proper functioning of your telephone equiptment. You will notified of such changes.

Interference Information

Part 15 of FCC rules some telephone equiptment generates and uses radio-frequency energy and, if not installed and used properly, may cause interference to radio and television reception. Your telephone equiptment has been tested and found to meet the standads for a class B computing device, as specified in Subpart J of Part 15 of the FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However there is no gaurentee that interference will not occur in a particular installation.
You may find the FCC booklet, *How to Identify and Resolve Radio - Television Interference Problems* to be assistance. The booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

FCC Registration and Repair Information

Your new telephone equiptment has been registered with the Federal Communications Commission (FCC). This telephone equiptment complies with standards in Part 68 of the FCC Rules. The FCC requires us to provide you with the following information:

Connection and use with the nationwide telephone network:

The FCC requires that you connect your telephone equiptment to the nationwide telephone network through a modular telephone outlet or jack. The modular outlet or jack to which the telephone equiptment must be connected is a USOC RJ - 11 or RJ - 11W.

Notification to the Telephone Company

FCC rules require that you provide the local telephone company with the following information at their request:
- The telephone number of the line to which the connection is to be made, and
- The FCC registration number and the ringer equivalence number of the equiptment.
This information can be readily found on the lable that is attached to the bottom of your telephone equiptment.
Registered equipment may not be used with party or coin telephone lines.
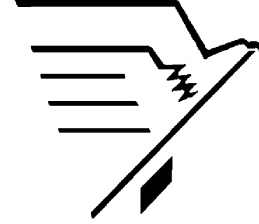
Repair Instructions

If it is determined that your telephone equiptment is malfunctioning, the FCC requires that it not be used and that it be unplugged from the modular outlet until the problem has been corrected. Repairs to this telephone equiptment can only be made by the manufacturer, or its authorized agents, or by others who may be authorized by the FCC.

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CONTINUED ON INSIDE PAGES

GENERAL INFORMATION

The Eagle Telephonics SAFE SET is a single line telephone which provides the user with the benefits of Class X18 On-Hook Audio Security Saftey as required by the Telephone Security Group (T.S.G) of the United States Government. The telephone is connected to any type of standard two wire phone circuit by means of a single pair modular mounting cord.
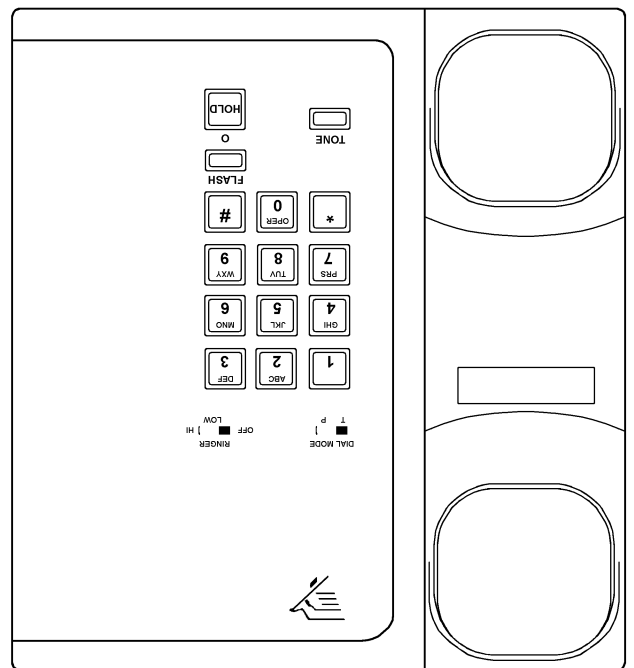
FEATURES:

- Line Powered Electronic Hybrid
- On Hook Audio Security Safe Ringer
- On Hook Audio Security Safe Line Hold Capability with LED Status Indicator
- Digitally Timed Hook Switch Flash
- Three Position Ringer Volume Switch
- Selectable Dial Mode Operation - Tone or Pulse Mode
- Tone Button for conversation from rotary dialing to tone dialing during a call.

LOCATION SELECTION

The location chosen for your telephone must be:
- Near the Telephone Company provided RJ - 11 outlet
- Away from excessive heat and humidity sources

HANDSET CORD INSTALLATION

> Insert one end of the modular handset cord to the jack located on the end of the telephone handset.
> Insert the other end of the handset cord into the jack located on the front of the telephone base unit.

CONNECTION TO TELEPHONE LINES

The telephone must be installed using modular connectors. If your telephone is not wired using modular connectors contact your telephone supplier for the kit necessary for conversion to a modular connection.
> Connect one end of the modular line cord to the two wire jack located on the back of the telephone set.
> Connect the other end of the modular line cord into the telephone company provided modular connecting block.

WALL MOUNTING PROCEDURE

Your telephone may also be wall mounted on a standard telephone wall mounting plate using a wall mounting kit (Eagle Telephonics Part Number 200115-1) that is available from your telephone equiptment provider.

> Mount the backing plate to the wall keeping the release tab at the upper right hand corner
> Remove and reverse the telephone's wedge base
> Connect a modular cord from the wall jack to the jack on the telephone
> Place the telephone over the four backplate mounting studs and push down until the telephone locks in place
> Remove the number card holder
> Install the provided Handset retainer by aligning the two mounting holes and installing the provided screws
> Re-Install the number card holder on the handset retainer. To release the phone from the wall, press the release tab and pull up on the telephone

ADJUSTING VOLUME CONTROLS

RINGER VOLUME

Volume of the ringer is adjusted by the 3 - position RINGER switch located on the faceplate of the telephone.

- HI produces a ringer volume equivalent to an ordinary telephone
- LOW produces a softer tone for a quiter environment
- OFF disables the ring for periods when you do not wish to be disturbed. You can still place calls

SETTING THE DIAL MODE SWITCH

The DIAL MODE switch is located on the faceplate of the telephone. To use this switch properly, you must first determine whether you have PULSE (rotary) dialing or TONE dialing service. To do this, connect the phone to the telephone line and place the switch to the T position.

> Lift the handset and listen for dial tone
> Press any of the number buttons on the phones keypad
If the dial tone stops after you press a number button, you have TONE service. Leave the switch in the T position. If you continue to hear dial tone you have rotary service.
> Set the switch to the P position
> Hang up the telephone

NOTE: The "*" and "#" buttons function normally in TONE mode. They have no purpose in PULSE mode

FEATURE OPERATION

TO MAKE AN OUTGOING CALL

> Lift the handset
Listen for Dial Tone
> Dial the desired number

TO ANSWER AN INCOMING CALL

> Lift the handset

PLACING A CALL ON HOLD

> Press and hold the HOLD button
> Replace the handset in the cradle
The HOLD lamp will light
> Release the hold button

RELEASING HOLD

> Lift the handset
The HOLD lamp will go out

If another telephone is connected on your line and that telephone goes off hook, that telephone will take your call out of the "Held" state and your HOLD lamp will go out.

PULSE TO TONE CONVERSION

If you are operating your telephone on a ROTARY type line and need to generate tone signals to operate features after your call is answered press the TONE button. After a four (4) second pause all further signals generated by the dial pad will then generate the required Tone signals. When you hang up the signaling method will be restored to pulse dialing mode.

FLASH

Flash is used to terminate a call and re-obtain dial tone. It can also be used to access Telephone Company features such as Call Waiting, Three party Conference or Call Transfer if available.
> Press the FLASH button

ON - HOOK AUDIO SECURITY

The telephone is considered to be On- -Hook Audio Security Safe when the handset is placed in the cradle with the coil cord pointing towards the bottom of the telephone. The handset must be in this position in order for a "Held" call to be considered secure.

MAINTENANCE

For the protection of your warranty rights, we urge you to record the serial number of your telephone in the space below. The number is located on the bottom of your telephone.

Serial Number:_____

- Handle your telephone with care. It is a sensitive electronic instrument
- Keep the telephone away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The telephone should be kept free of dust, moisture.
- The telephone should not be expossed to vibration or shock.
- The telephone should not be exposed to direct sunlight.
- Do not use any type of chemical, or any abrasive powder to clean the cabinet. Wipe it clean with a soft clean cloth.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

GENERAL TROUBLE SHOOTING PROCEDURES

If there is any trouble, disconnect the telephone from the line and connect a known working phone is available. If the known working phone operates properly, have the defective phone repaired by a designated Authorized Repair Facility. If the known good phone does not operate properly, and displays the same symptoms contact the telephone company for assistance.

Symptom	Procedural Step
No Dial Tone	*Check that the unit is properly connected to the phone line. Check to ensure that the mounting cord is not defective.*
Can not dial out (continuous dial tone)	*Check to ensure that the Tone/Pulse switch setting corresponds to the type of service*
Can not hear during a call	*Check to ensure that the HOLD lamp is not lit. Check to ensure that the handset cord is securely attached to the phone and handset.*
Can make calls but no incoming ring is heard	*Check to ensure that the RINGER volume switch is not set to the OFF position.*

If the preceding steps do not work contact the supplier of your telephone for further assistance.