

SAM IV

Telephone Line and Headset/Handset Adaptor

INSTRUCTION MANUAL

Thank you for choosing the SAM IV Headset/Handset Adaptor. Please follow these instructions carefully for trouble free operation.

Features:

Works on analogue telephone instruments
Integrated dual tone ringer
Red LED ring indicator
Ringer volume control
Headset microphone volume adjustment
Headset/handset receiver volume control
Headset/handset mute function with LED indicator
Headset/handset microphone toggle switch
Headset microphone polarity changer
Operator/Supervisor training mode
Line powered, no batteries required

Installation:

The SAM IV adapter is installed in between the telephone line and the telephone instrument, and the telephone instrument and the headset/handset.

Install the unit as follows:

1. Disconnect the flat line cord which connects the telephone instrument to the wall socket on the telephone side. Insert this cord into the "line in" RJ11 grey socket on the SAM IV. Next insert the short flat line cord provided into the "line out" RJ11 grey socket on the SAM IV and the line input on the telephone instrument.
2. Disconnect the telephone Handset from the telephone unit.
3. Connect the flat cable running from the back of the SAM IV adapter to the handset socket of the telephone.
4. Connect the headset and handset to the RJ9 sockets provided on the front panel of the SAM IV. Note, the headset and handset sockets are marked by the symbols above their respective sockets on top of the adapter.
5. Please note that the telephone handset must be off hook for the SAM IV adapter to work.

Ringer

SAM IV incorporates a dual tone ringer and a red LED "ringer indicator" located above the "line" switch. The ring volume level can be lowered by depressing the "Ring High/Low" switch.

Receive Volume

The receive volume for both headset and handset is controlled by the volume knob adjustment on the top of the SAM IV unit. Turning the volume control clock-wise increases the receiver volume and turning it anti clock-wise decreases the receiver volume.

Handset Transmit

Note: The Handset transmit (Microphone) is not amplified on SAM IV, however, the Transmit is disabled when the headset/handset switch is in the headset (up) position and when the mute switch is activated (pressed or down).

Headset Microphone Setup

Transmitter Polarity selection

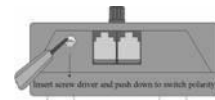
As headset manufacturers do not conform to a single standard with respect to microphone polarity, it may be necessary to reverse the microphone connections for some headsets to work on some telephones. The polarity changer provided on the SAM IV is used to change the Headset microphone polarity.

Testing for headset transmit

1. Make sure that the SAM IV is connected as per the installation instructions.
2. Switch the Mute switch to the off, unlatched position (up).
3. Switch the Headset/Handset switch to the Headset or unlatched position (up).
4. Lift the telephone receiver and gently blow into the transmitter. If you do not hear any sound in the receiver, the polarity may be set to the incorrect position.

Headset Microphone Polarity and Volume Setting

To change the microphone polarity setting follow these instructions:



1. Locate the hole on the front panel of the SAM IV next to the headset/handset sockets.
2. Insert a small flat screw driver into the hole allowing it to rest on top of the small blue switch located behind the front panel.
3. Using the screw driver, gently push the switch down until it “clicks” into position.
Note, each time the switch is pushed, the Headset microphone polarity is changed.

Setting the Microphone volume control

1. Open the bottom cover on the bottom of the SAM IV.
2. With the base compartment facing you, locate the microphone volume control in the centre of the printed circuit board.
3. To increase or decrease the microphone (transmit) volume insert a small flat screw driver into the hole in the printed circuit board and turn the microphone volume control either clock-wise or anti clock-wise.

4. Replace the base cover.

Operator/Supervisor Training Mode

SAM IV can be used as a Training Adapter to connect a supervisor and operator to one telephone unit. For this application, the operator uses the headset in the normal way while the supervisor evaluates his performance by listening on the handset.

Trouble shooting

Should you experience any difficulties in setting up or using your SAM IV Adapter, follow these instructions to isolate simple errors before contacting your dealer.

Fault	Cause	Action
Unit dead I cannot hear anything	Line switch in off position Line cables connected incorrectly SAM IV or Headset/Handset cables not connected properly Telephone Handset not lifted (on hook)	Push line switch down until red led lights up Check cables Check cables Lift Handset on Telephone
No transmit I cannot be heard	Mute Switch on (pushed down) Headset/Handset switch in wrong position Headset polarity selection incorrect	Check Mute & Handset Headset switch position Check polarity switch
Volume very soft	Receive volume control turned fully anti-clockwise	Turn volume control clock-wise
Ringer doesn't operate	Line cables installed incorrectly	Check line cables
Ringer very soft	Ringer volume set to low	Set ringer to up unlatched position