

USER / INSTALLATION INSTRUCTIONS FOR SMART CLEAN ROOM PHONE MODEL-CRIII SS (AD)

- 1) Connect EPABX EXTENSION line to the unit.
- 2) Connect A/C mains input to the unit.
- 3) Switch on the supply to the unit.

Telephone operation:-

PROGRAMMING AUTODIAL:

- 1) PRESS AUTODIAL KEY
- 2) SWITCH ON POWER SUPPLY TO THE TELEPHONE
- 3) RELEASE AUTODIAL KEY
- 4) DIAL REQUIRED EXTENSION NUMBER TO BE AUTODIALED
- 5) DIAL # (HASH) TO COMPLETE PROGRAMMING

OUT GOING CALLS:

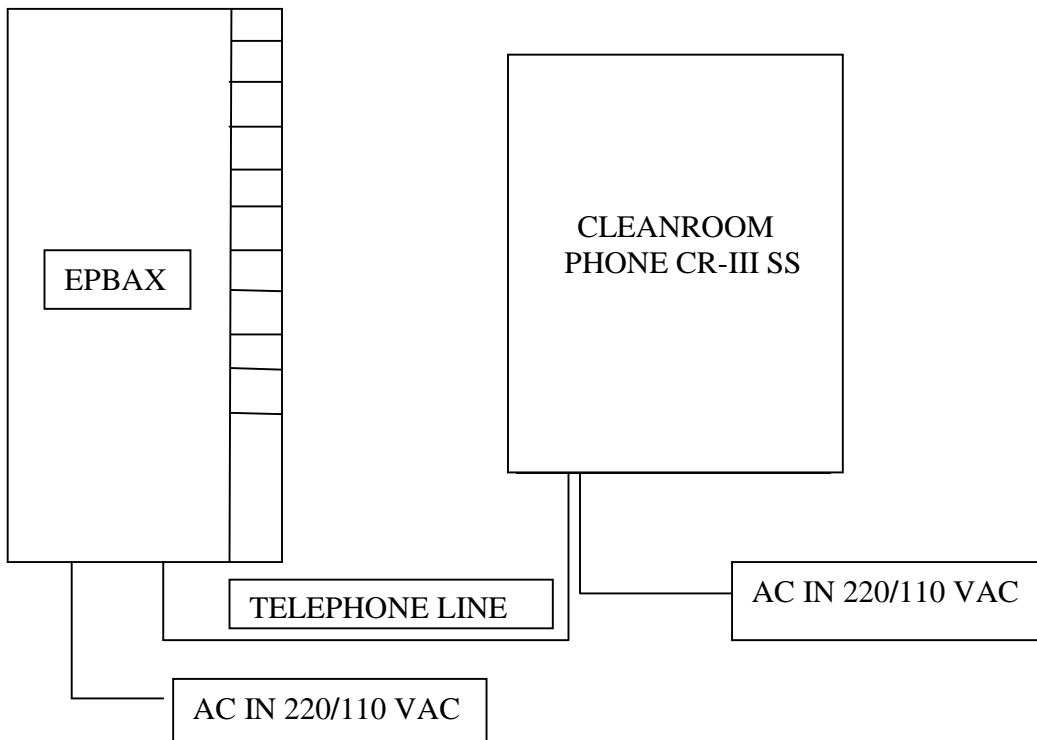
- 1) Press ON, dial tone will be heard on speaker dial required extension number.
- 2) On connection communicate hands free.
- 3) Call get Auto disconnect after communication is over in few seconds.
- 4) To AUTO DIAL PRESS ON FOLLOWED BY AUTODIAL ON GETTING DIALTONE

INCOMING CALLS:

- 1) The telephone will ring on incoming call.
- 2) The inbuilt Ringer wills energies.
- 3) To communicate press ON and Speak Hands free.
- 4) Call get auto disconnect after communication is over.

Kindly note: Use 100 mA fuse for telephone & 250mA for external driver only

**CONNECTION DIAGRAM OF CLEAN ROOM PHONE WITH
EPBAX**



TROUBLESHOOTING GUIDE

NATURE OF FAULT	CHECK POINTS
SYSTEM DEAD	CHECK MAINS CORD CHECK FUSE CHECK INPUT VOLTAGE 110 V / 220 V AC
NO ACTIVATION	CHECK AC MAINS CHECK TELEPHONE LINE CHECK TELEPHONE LINE VOLTAGE, SHOULD BE SAME AS THAT AT MDF (24 V / 48 V)
ABNORMAL OPERATION	CHECK LINE VOLTAGE WITH RESPECT TO EARTH, ONLY ONE LINE SHOULD SHOW VOLTAGE, OTHER SHOULD SHOW ZERO
NO COMMUNICATION	CHECK MOUTH PIECE CHECK PRESS TO TALK SWITCH
NOISY EARPIECE	CHECK THE MIC (RESISTANCE 125 TO 200 OHMS)
LOW Tx VOICE	SPEAK CLOSER TO MIC CHECK MIC
NO DIAL TONE	CHECK TELEPHONE LINE CHECK AC MAINS, LED SHOULD GLOW
NO DIALING	CHECK THE CABLE FROM DIAL PAD TO PCB CHECK EXCHANGE SHOULD SUPPORT TONE DIALING
HUMMING ON LINE/ ABNORMAL SOUND ON PAGE MODE	CHECK TELEPHONE LINE
NO OPERATION OF EXTERNAL RINGER	CHECK WIRE CHECK FUSE (USE 250 mA FUSE ONLY)

IF ANY OF THESE PROBLEMS PERSISTS THEN CHANGE THE MAIN PCB

TECHNICAL SPECIFICATIONS CLEAN ROOM PHONE **MODEL CR-IIIAD**

Electrical Performance:-

Ringer sensitivity	40 – 100 V AC@ 16 – 25 Hz.
Dialing method	DTMF
Dialing frequency-lower group	697, 770, 852, 941 Hz
-Higher group	1209, 1336, 1477 and 1633 Hz
Distortion	< 20 db
Frequency tolerance	(+ / -) 1.3%
DTMF transmitting level resistance	0.155Vrms @ 5K ohm Load
Ringer output	70 dB at 1 Mtr.
Speaker output	50 dB at 1 Mtr
Set impedance	600 OHMS nominal
Inbuilt Amplifier	3 Watts (RMS)

Electrical Requirement:-

Line voltage	24 -56 V DC.
Loop current	20 - 120 mA.
Fuse	0.25 Amp 2AG fast blows.

Environmental:-

Temperature	0 to +60c
Humidity	0 to 95% Rh non-condensing.
Enclosure	Dust proof.

Mechanical:-

Body construction	18 SWG steel, powder coated body with FRONT SS DIAL plate.
Dimensions	230 x 230 x 60 mm.
Net weight	2.5 Kgs

Voizlink

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