

TELE- GSM- MOBILE PHONE BASED COMMUNICATION PROJECTS

PROJECTS IN THIS LIST ARE NOT BASED ON EMBEDDED TECHNOLOGY. PLEASE REFER SEPARATE LIST (MICROCONTROLLER AND PC BASED LIST) FOR THAT

TELE-REMOTE SWITCHING: The set of four electrical devices can be controlled remotely by using mobile/landline phone at the transmitting and receiving end. One can make a call and activate devices of its choice.

TELE-REMOTE SWITCHING WITH VOICE MESSENGER: The set of four electrical devices can be controlled remotely by using mobile/landline phone at the transmitting and receiving end. One can make a call and activate devices of its choice.

It will give voice message to the operator to select the devices by name. It may confirm the actual switching when controlled by person.

TELEPHONE ANSWERING MACHINE: - The project is intended to provide a simple recording and answering machine, which in the absence of the owner of the telephone instrument, responds to the incoming calls and also records them automatically. (10-184)

TELEPHONE CALL RECORDER: - This simple timer circuit gets activated when it receives any telephone call or any signal transfer to a tape recorder. (16-125)

TELECONVERSATION LIMITER: - A 10 LED display system will make the conversation "be brief on phone" as a time lapse indication. (15-56)

TELEPHONE MESSAGE CONVEYOR: Anyone will get the pre-recorded message stored in a digital chip as a voice playback system. One can record a message of its own. One can put an introductory message on it.

A good example of IVRS (Interactive voice response System) to get information by just pressing the mobile/telephone keys.

TELEPHONE CALL METER: - It helps the user by converting the STD and ISD calls to equivalent local calls and storing them. (18-82)

TELE-VOTING MACHINE WITH VOICE MESSAGE: The remote voting can be done with a voice message conveyor. The mobile/landline phone can be placed at transmitting and receiving end. One can listen the voice message and then cast his vote to the selected candidate.

TELE-BANKING WITH VOICE MESSAGE: The remote MESSAGE can be sent with a voice message conveyor. The mobile/landline phone can be placed at transmitting and receiving end. One can listen the voice message and then act accordingly like to open an account, information for loans, ATMs etc. as IVRS.

TELE-SECURITY SYSTEM FOR HOME: The home or any other area can be made fully secured using this device. The Infrared sensor or microphone will activate the mobile or landline to redial your saved number and intimate you instantly.

TELE-SECURITY SYSTEM WITH SWITCHING: The home or any other area can be made fully secured using this device. The Infrared sensor or microphone will activate the mobile or landline to redial your saved number and intimate you instantly. Apart from this, you may control the DOOR remotely from your end to block the intruders' exit from the premises.

TELE-METRY (TELE PULSE RATE COUNTER): The medical data can be remotely transmitted from patient to doctor to diagnose at a distance. It may be the heart rate of the patient.

TELE-INDUSTRIAL AUTOMATION SYSTEM WITH VOICE RESPONSE

(FIRE/FUSE/FAULT/FAILURE – 4F'S ETC): The fault indications can be remotely observed using mobile or landline. The owner can remotely activate the device bearing fault if feels

necessary.

TELE- CAR LOCKING AND SECURITY SYSTEM: The car theft can be prevented by this circuit. The device will intimate the theft on mobile phone and you will switch off the ignition or car immediately.

TELE-REMOTE ROBOTIC CAR/BOAT: The different robotic applications can be done using this circuit including one to make a car OR boat. A mobile phone has to be placed on robotic car or boat and can be operated by another mobile after making call. (08-06-68)

TELE-REMOTE MOBILE OPERATED TALKING ROBO: A mobile phone has to be placed on robotic car and can be operated by another mobile after making call. The voice processor gives the audio instructions that how to operate this.(08-06-68)

TELE-REMOTE MOBILE OPERATED BOMB DETECTOR: This vehicle will operate on mobile as remote operation and it will check the bomb in the surface area with its metal detector placed in front of it and inform on other mobile phone. (08-06-68)

TELE-MUTING SYSTEM: The project will be helpful for those who get annoyed if TV voice disturbs while talking on landline phone. This will automatically mute the TV speaker with wire/wireless connectivity of the sytem.

OTHER COMMUNICATION PROJECTS

TWO WAY INTERCOM (Op. Amp): - Two way communication is with calling facility with this compact circuit. (12-166)

DIGITAL SPEECH SECURITY SYSTEM:- this DSSS system convert analogue signal to pulse code modulated (PCM) digital form and is encrypted before transmission. The message again decrypted by D to A conversion.(19-83)

MULTISTATION INTERCOM: - The four-line circuit can be connected with this arrangement. (14-75)

MULTICHANNEL CALL BELL WITH DIGITAL DISPLAY: - This is a simple circuit, which can be useful in hospitals for the patients in different rooms to call the attendants or nurses on duty. It can also be used in hotels and offices where many executives have to be attended to by a single attendant.(17-05)

FM INTERCOM: The powerline voice communication for both sides provides an option to use mainline (22Vac) to send and receive signals to communicate from both sides.

SINGLE CHIP-VOICE RECORDER: - This technology is a revolutionary multilevel storage technique to record and play back sound-much like a tape recorder- on a single microchip. One can record eight different voices in this.

VOICE MESSANGER: you can record your voice and the other person can listen the voice message only putting the password.

POWER LINE COMMUNICATION –(A) VOICE TRANSMISSION

(B) DATA TRANSMISSION

(C) DEVICE CONTROLLER

(D) EVENT OBJECT COUNTER

(E) PREPAID ELECTICITY BILL

(H) HEART BEAT MONITOR

(I) VOTING SYSTEM

