

Abstract:

In Mobile Controlled Robot using DTMF, a smart logic control based on embedded systems has been implemented here. The DTMF robot machine is controlled by the mobile signals.

Mobile controlled robot using DTMF technique is all about controlling of a robot using DTMF technique .The robot is controlled from a mobile phone even at a far away distance that makes a call to the other mobile phone attached to the robot. During the course of the call, if any button is pressed, the tone corresponding to the button pressed is heard at the other end. This tone is called “Dual Tone Multi Frequency tone (DTMF)”.Using DTMF code, direction of motion of the robot can be controlled by mobile phone. The above system can be used for military purpose as ‘bomb detector’ and as ‘spy robot’ and also for surveillance applications.