

Operating Description

The power of reversing light is 12.0V DC. Through the two power section of control box U2 and U5 respectively, it outputs 5V DC to supply the power of CPU and 8V DC to the four working sensors J1, J2, J3 and J4. The operating frequency of U3 is supplied by XL1 crystal oscillator. U3 generates 12pcs 40Kz pulse and send them to the four sensors, when detect the obstacle, U4 will transfer the signal and amplify it to U3. U15 uses the 433.92MHZ carrier wave to transmit the signal to display. Finally U1 in the display deals with the signal and then show it. Therefore ACC supply 5V power to display through U3. And when there's not the obstacle was detected, there will not signal send out to the CPU, just display the realtime temperature only.