

LOYAL TECHNOLOGY CO.LTD

Model No: SHELFTALKER

CIRCUIT DESCRIPTION

Receiver Circuit

The built in antenna inductively coupled to Q1 2SC4226 RF amplifier mixer and oscillator . The U2 LMV358 is CODE Data amplifier and data compartor . The data is then routed to data control circuit U3 HT-12D . The data control circuit U3 , Control the sound IC U4 , The output of the U4 coupled to speaker .

Touch control circuit

The unit have five touch point for touch the sound IC U4 .

Power and Ground.

Energy is supplied by 1.5V x 3PCS AAA batteries for RX . No external ground connection is provided and what ground that's available is from the printed circuit board .