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DYNAMIC INDUSTRIES CO LTD

UNIT 2205, 22F, 57, HUNG TO RD.KLN .HONG KONG.

TEL :-852-2389-8230

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ENGINEERING DEPARTMENT

ITEM NO:

MODEL NAME:-

RC SCREW DRIVER

FREQUENCY :-

49.860MHZ

DATE :-

11TH JULY 2001.

BY:

B.LEE

REV

A

(TX CIRCUIT DESCRIPTION)

**** CIRCUIT DESCRIPTION :- (TX)**

WHEN THE UNIT IS TURNED ON A CW SIGNAL IS TRANSMITTED. THE CRYSTAL CONTROLLED OSCILLATOR Q1 OUTPUT IS COUPLED THROUGH C2 TO THE BASE OF Q2. FROM Q2 THE SIGNAL IS FED THROUGH C6 TO THE LOW PASS FILTER MADE UP OF C8, T1, & C9 WHICH IS CONNECTED TO THE ANTENNA. THE MODULATION IS PROVIDED BY IC1 WHEN ONE OF THE SWITCH IS PUSHED. THE UNIT IS POWERED BY A 9.0V BATTERY 006P TYPE .

**** ANTENNA AND GROUND CIRCUITRY. (TX)**

THIS UNIT MAKES USE OF AN EXTENAL ANTENNA. THE ANTENNA IS INDUCTIVELY COUPLED. THIS UNIT IS POWERED FROM A 9.0V BATTERY.

**** NO GROUND CONNECTION IS PROVIDED. THE UNIT RELIES ON THE GROUND TRACK OF THE PRINTED CIRCUIT BOARD. (PCB)**