

DYNAMIC INDUSTRIES CO LTD

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

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ENGINEERING DEPARTMENT

ITEM NO:

MODEL NAME:-

FREQUENCY :-

DATE :-

BY:

(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 **C6** TO THE BASE OF **Q2**. FROM **Q2** THE SIGNAL IS FED THROUGH **C8** TO THE LOW PASS FILTER MADE UP OF **C8,C10,L3,C11, & L4** WHICH IS CONNECTED TO THE ANTENNA. THE MODULATION IS PROVIDED BY **U1** WHEN ONE OF THE SWITCHES ARE PUSHED. THE UNIT IS POWERED BY A 9.0V BATTERY AND IS SELF CONTAINED.

ANTENNA AND GROUND CIRCUITRY. (TX)

THIS UNIT MAKES USE OF AN EXTERNAL 5" 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)