

# **FCC ID: TGL-ART-84100-RX**

## **Technical Description :**

The brief circuit description is listed as follows :

- Q1 MPSH10 and associated circuit act as RF Amplifier.
- U1, U2 and associated circuit act as Superheterodyne Receiver (49.860 MHz).
- Y1 and associated circuit act as 49.405 MHz Local Oscillator.
- U3 and associated circuit act as Signal Amplifier.
- U4 and associated circuit act as Decoder.
- U5 acts as Sound Effect IC.
- SW3 acts as Channel Switch.
- U6 and associated circuit act as Audio Amplifier.
- S4 acts as a Speaker.
- U8, Q2, Q3, Q6 ~ Q9 and associated circuit act as Motor Driver.
- Q10 and associated circuit act as Motor Driver.
- U7 and associated circuit act as Voltage Regulator.
- U10, Q13 and associated circuit act as Low Voltage Detector Circuit.
- Q1, Z2 and associated circuit act as Ignition Circuit.
- Q14, U11 and associated circuit act as Charging Circuit.
- S1 ~ S8 act as Manual Control Panel.

## **Antenna Used :**

A permanent wire antenna has been used.