

Technical Description

(This information is also found in test report, page 2)

1.0 **General Description**

1.1 Product Description

The equipment under test (EUT) is a transmitter for Inductive toy operating at 125 KHz which is controlled by a crystal.

- (a) To start activation, first slide the switch from TRY ME to NORMAL.
- (b) (SHOW) This turns off the in-package mode and turns on the normal play mode.
- (c) Push the big green fish button to start the fishbowl fun (SHOW).
- (d) Each sea creature activates certain phrases when placed through the rim of the bowl, teaching colors, patterns and other interesting “creative trivia”.
- (e) This fishbowl even asks questions when there is a pause in play, prompting your child to find the animal the bowl asks for.
- (f) Featuring an automatic turn off, activation begins again each time the green fish button is pushed.

The brief circuit description is listed as follows:

- I.C. 74HCT4060 and associated circuit act as rectangular waveform generator
- Transistor 8050 and 8550 and associated circuit act as Amplifier
- I.C. LM324 and associated circuit act as Amplifier
- I.C. EM058400 and associated circuit act as data processor