

Operational Description

The RFGamePad/RFJoystick Transmitter is a low powered ,hand held unit for remote control and sending instruction to the computer .See the function descriptions in attached .Both transmitters are powered by two 1.5 Volt batteries .It is designed to operate on a single fixed frequency at 49MHz.See the attached block diagram and schematic.

When button on RFGamePad/RFJoystick pressed ,the micro-controller in RFGamePad/RFJoystick will produce the digital control signals and will modulate the carrier comprised .The carrier signal is generated by the crystal oscillator/frequency circuit comprised of a 49MHz FSK.The frequency depend on the select channel switch to changed .The modulated output of the RF amplifier stage is coupled to the strip antenna on PCB

The transmitter is manually operated by the buttons(handgrip,POV)pushed and automatically Deactivate instant after the button being released .This feature is incorporated by the RFGame Pad and RFJoystick internally.

All tuning and verification are performed by the manufacture and there are no adjustments can Be made by the user. No external ground is required or used with transmitters.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STANEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation .This equipment generates, uses and can radiate radio frequency energy and ,if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation, if this equipment does cause harmful interference to radio of television reception, which can be determined by turning the equipment off and on , the user is encouraged to try to correct the interference by one or more of the following measurers:

- Reorient of relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

CAUTION:

To assure continued FCC compliance:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.