

Users' manual

GAMING TABLE MANAGEMENT SYSTEM (GTMS)

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Caution

Circuit devices are sensitive to static electricity, which can damage their delicate electronics. Dry weather conditions or walking across a carpeted floor may cause you to acquire a static electrical charge.

To protect your device, always

- Touch the metal chassis of your computer before you pick up the circuit device. This grounds the static electrical charge.
- Pick up the device by holding it on the left and right edges only.

Chapter 1

Introduction

Overview

For a gaming business, the competitive edge depends on how you manage information.

The GAMING TABLE MANAGEMENT SYSTEM(GTMS) is a data gathering system that communicate with Personal Computer(PC). From these data, you can manage gaming table.

Product Description

The GTMS has the following two sub-modules.

- Table Module (TM)
TM is installed in gaming table. When dealer or customer press the key, TM sends key data to PC Module (PM) via wireless connection.
- PC Module (PM)
PM is installed in management table. It is connected to PC with RS-232C cable. PM gather the data from TM and relay it to PC.

Checklist

The GTMS should contain the following items.

- 1 TM
- 1 PM
- 1 Battery
- 1 Power adaptor for PM
- 1 RS-232C serial cable
- 1 Floppy Disk
- 1 Battery cable

Drawing of Modules

1. TM



2. PM



Chapter 2 Installation

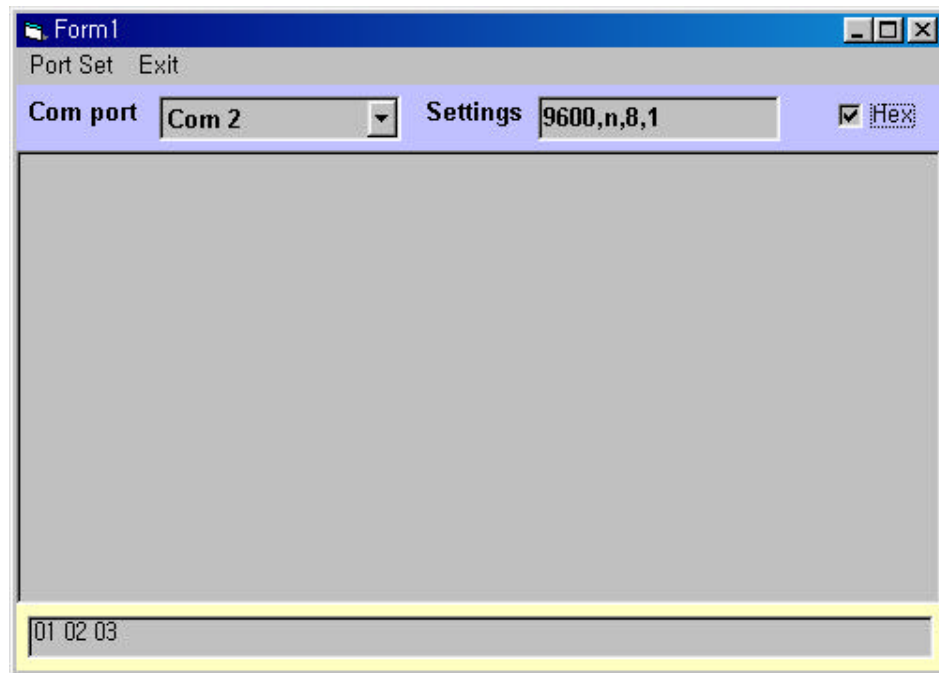
Please follow these steps to install GTMS:

1. Verify that voltage of AC power supply is correct before plugging in power cable
2. Attach one end of the serial cable to the RS-232C port on the computer, and the other end to PM port.



3. Copy PC program "com-test.exe" from floppy disk to PC.
4. Power on PM with power adaptor.

5. Power on TM with battery.
6. Execute com-test.exe on Window 95/98 operation system (O/S).
7. Select com port that is connected with PM.
8. Check Hex menu.
9. Click Port Set



Chapter 3 Operation

When keys in TM are pressed, key data are displayed on PC program.



key	key data
power on	79 04 00 00 00 00 7d
4	79 04 00 00 12 01 01 6f or 79 04 00 00 92 01 01 ef
5	79 04 00 00 12 01 20 4e or 79 04 00 00 92 01 20 ce
7	79 04 00 00 12 01 08 66 or 79 04 00 00 92 01 08 e6
8	79 04 00 00 12 01 02 6c or 79 04 00 00 92 01 02 ec
9	79 04 00 00 12 01 10 7e or 79 04 00 00 92 01 10 fe

Note: When the key 1,2, or 3 is pushed without dropped chip(s), then it make a beep to notice that it is a wrong sequence.

After a chip is dropped, a led flickers for about 10 seconds, key 1, 2, or 3 should be pushed during this time. The led stops flickering when a key is pushed, or if any key is not pushed until 10 seconds expire, then it makes a beep to notice that keys are not pushed.

Technical Specifications

Features of connector:

RS-232C connector for serical communication with PC

Wireless Transfer Rate : 1Kbps (kilobits per second)

RS-232C Transfer Rate: 9600bps (bits per second)

AC Line Voltage : 110/240 ~ AC

DC 7.5V

Frequency 50/60 Hz

Battery Voltage : DC 7.5V

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User:

This equipment has been tested and found to comply with the limits of 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 instruction, 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 or 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 measures:

1. Reorient / Relocate the receiving antenna.
2. Increase the separation between the equipment receiver
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

“Importance Notice

To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configuration must be satisfied:

- Do not alter or modify the antenna.
- Only use the antenna(s) that are originally installed on the device.
- A separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.”