

Product Data Sheet

Tt eSPORTS Product Development Department



GNUCKER 4 IN 1 GAMING KIT

BUILT FOR PRO GAMERS

All of your gaming gears in one kit

Product DataSheet

Tt eSPORTS Business Division
Product Development Department

Challenge is the game



KEYBOARD SPECIFICATION

KNUCKER 4 IN 1 GAMING KIT | All of your gaming gears in one kit

COLOR	BLACK
NO. OF MACRO KEYS	3
NO. OF GAME PROFILES	One
GRAPHICAL UI	NO
WEIGHT	916 GRAMS
DIMENSION	469.14 x 187.0 x 38.54 mm
INTERFACE	USB
ANTI-GHOSTING KEYS	YES / 24 KEY Rollover (USB)
POLLING RATE	1000 HZ
BACK-LIGHT	YES, 3 Colors
WRIST REST	YES / Fixed
USB CABLE DETACHABLE	NO
MULTIMEDIA KEYS	7
CABLE LENGTH	1.8 M



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SWITCH SPECIFICATION

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SWITCH TYPE	Plunger
SWITCH NAME	TteSPORTS Plunger
KEY LIFESPAN	20 Million Click

FEATURES

TTESPORTS 4 IN 1 GAMING KIT | All of your gaming gears in one kit

- **Plunger switch with mechanical-like tactile response.**
- **Fully backlit 3-color illumination (red, blue, purple) with adjustable brightness.**
- **4 lighting effects with 3 level speed adjustment: static, pulse, pulse jumping, spectrum running.**
- **Full keyboard & windows lock function to prevent accidental presses and for easy cleaning.**
- **On-the-fly macro recording with both hardware and software functionality.**
- **24-key anti-ghosting function for optimal gaming fluency.**





KEYBOARD LAYOUT

KNUCKER 4 IN 1 GAMING KIT | All of your gaming gears in one kit



- a. **Media Control and Volume Control Keys**
- b. **Lighting Effect Keys**
- c. **Ctrl / Windows Key Switch**
- d. **On The Fly Macro Record Key**
- e. **Change Lighting Color Keys**
- f. **Reset Key**
- g. **Backlight Brightness Up / Down Keys**
- h. **Lighting Effect Speed Up / Down Keys**
- i. **Full Keyboard Lock Key**
- j. **Macro Keys**
- k. **Game Mode Switch Key**

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KEYBOARD HOTKEYS

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- **Fn+F1 – Previous Track**
- **Fn+F2 – Play / Pause Track**
- **Fn+F3 – Next Track**
- **Fn+F4 – Stop Track**
- **Fn+F5 – Mute**
- **Fn+F6 – Volume Down**
- **Fn+F7 – Volume Up**
- **Fn+F8 – Game Mode Switch**
- **Fn+F9 – Static Light**
- **Fn+F10 – Pulse Effect**
- **Fn+F11 – Pulse Jumping Effect**
- **Fn+F12 – Red to Blue Running**
- **Fn+ PrcScr – Windows Lock**
- **Fn + Scroll – Macro Record**
- **Fn + Pause – Change Lighting Color (Affect in Static And Pulse)**
- **Fn + PgUp – Brightness UP**
- **Fn + PgDn – Brightness Down**
- **Fn + ↑ / ↓ – Backlight Effect Speed Up / Down (Affect in Pulse, Pulse Jumping And Red to Blue Running)**
- **Fn+ Num – Full Keyboard Lock**



MOUSE SPECIFICATION

KNUCKER 4 IN 1 GAMING KIT | All of your gaming gears in one kit

COLOR	BLACK
SHAPE	Ergonomic Designed For Right Hand And Left Hand
NO. OF BUTTONS	6
USB CABLE LENGTH	1.8M
OMRON SWITCHES	NO
WEIGHT-IN DESIGN	NO
GRAPHICAL UI	NO
GOLD-PLATED USB	NO
DIMENSION	126.4 x 79.3 x 42.5 mm
LED COLOR	Red and Blue Combination to Purple
LIGHTING EFFECT	Static, Spectrum Running, pulse jumping, Off





SENSOR SPECIFICATION

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SENSOR NAME	AVAGO 5050
SENSOR TYPE	OPTICAL
DPI	Up to 2400 DPI
DEFAULT DPI	800, 1600, 2400
IPS	30
Acceleration	8g
Polling Rate	1000Hz (1ms)

FEATURES

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- **AVAGO 5050 optical gaming grade sensor with up to 2400 DPI.**
- **3 lightning effects with 3 level speed adjustment: static, pulse jumping, spectrum running.**
- **Side panel lighting for enhanced gaming atmosphere.**
- **On-the-fly DPI adjustment with LED indicator: Red 800 DPI / Blue 1600 DPI / Purple 2400 DPI.**
- **6 button ergonomic design.**





MOUSE LAYOUT

KNUCKER 4 IN 1 GAMING KIT | All of your gaming gears in one kit



- a. **Left Click (Mouse 1) Button**
- b. **Right Click (Mouse 2) Button**
- c. **Scroll Wheel**
- d. **DPI Switch (Default)**
- e. **Mouse Button 5**
- f. **Mouse Button 4**
- g. **Side-Panel Lighting (On Both Sides)**



MOUSE HOTKEYS

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- **DPI Button + Right Button – Change Lighting Effect (Static or Spectrum Running)**
- **DPI Button + Left Button – Turn On/Off Light**
- **DPI Button + Mouse Button 5 – Change Lighting Effect (Spectrum Running or Pulse Jumping)**
- **DPI Button + Mouse Button 4 – Spectrum Running Speed Up / Down**



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HIGHLIGHT FEATURES

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WIN 10 READY

Windows XP, Vista,
7, 8 And 10 Are
Recommended



COMMAND ON THE FLY

Everything
Adjustable On The
Fly, Software Is No
Longer Needed!



USB PORT

Requires a PC With a
Available USB Port.

Everything Adjustable On The Fly Software Is No Longer Needed.

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HIGHLIGHT FEATURES

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Tt Plunger Switches

The use of our Plunger Switch provides users with an extremely responsive mechanical like tactile feel and click with each keystroke. This, coupled with a translucent switch construction design allows for more light to pass through each key for enhanced illumination.

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HIGHLIGHT FEATURE

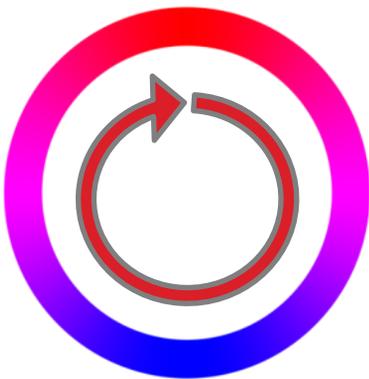
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RICH AND COLORFUL EFFECT



Pulse Jumping Amongst 3 Colors

Pulse in a particular color or non-stop pulse cycling between Red , Blue and Purple



3 Color Spectrum Running

Color cycling from Red, Blue and Purple

GALLERY

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DESIGN SPECIFICATION

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COLOR	Diamond Black
CONNECTOR	3.5mm plug x 2
CABLE LENGTH	1.8M, 5.9 ft
PLUG & PLAY MICROPHONE	Yes
EXTERNAL IN-LINE CONTROLLER	Yes
ACCESSORIES	Quick Installation Guide x 1

SPEAKER DRIVERS

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DRIVER UNIT(MM)	40mm Neodymium Magnet
CHANNEL	Stereo
FREQUENCY RESPONSE	20 Hz ~ 20 KHz
IMPEDANCE	32 ohm
SENSITIVITY	97 +/-3dB





MICROPHONE SPECIFICATION

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MIC DIRECTIVITY	OMNI-DIRECTIONAL
MIC NOISE CANCELLING	N/A
MIC SENSITIVITY	-38+/-3dB
MIC FREQUENCY	100Hz ~ 10 KHz
MIC IMPEDANCE	< 2.2k ohm

FEATURES

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- 40mm neodymium drivers for ultimate sound performance
- Auto-adjusting Headband provide optimal comfort and fit for all head sizes
- 4.0 mm thick cable construction for enhanced durability
- Bendable mic boom & in-line control for easy access
- Large sized ear-cups for maximum comfort and lowered noise interference
- Lightweight design for enhanced comfort during extended gaming sessions





MOUSE PAD SPECIFICATION

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SIZE	250 x 210 x 2 mm, 9.84 x 8.27 x 0.08 in
SURFACE	Cloth Weave
BASE	Non-slip polyurethane
Other features	<ul style="list-style-type: none">•Optimized for all types of gaming mouse with laser or optical sensor, offering total tracking responsiveness for consistently reliable in-game control.•Low friction and high performance, improving mouse control and precise movements.

FEATURES

TTESPORTS 4 IN 1 GAMING KIT | Get all of your gaming gear in one kit

□ SEMI-COARSE TEXTURED WEAVE MOUSE PAD SURFACE

A smooth surface designed to allow you almost effortless mouse movement.

□ IDEAL FOR TRAVEL AND CRAMPED SPACE

Slim and lightweight for easy transportation and portability, especially when space matters.

□ SOLID SEWING EDGE DESIGN

Designed with solid sewing edge for enhanced durability. Prevents peeling and warping.

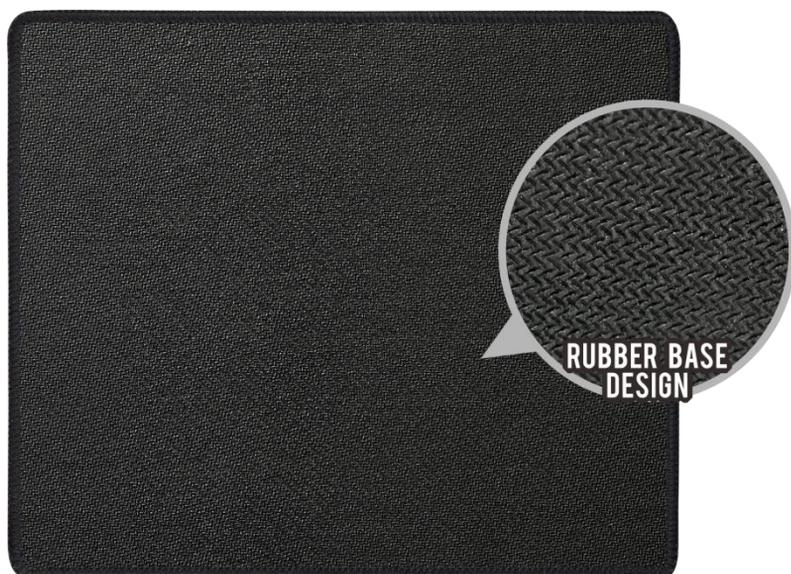
□ NON-SLIP RUBBER UNDERSURFACE

A special non slip rubber base ensures that the mouse pad will never slip as you game, even in the most intense of battles. Play with confidence and never worry about mouse pad lift-off or slipping again – even on glass desks.

SPEED-TYPE SURFACES

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The speed-type mouse pad is incredibly smooth and flat and is constructed with a semi-coarse textured surface optimized for optimal tracking of targets and movement during gameplay.



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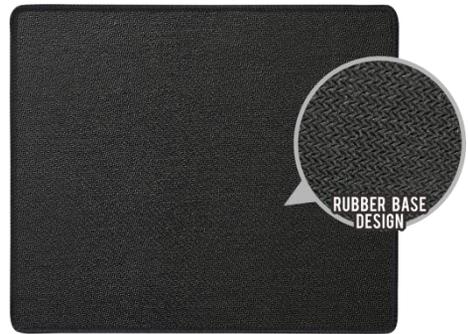
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GALLERY

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