



RGB COLOR LED



MECHANICAL



LASER ENGRAVED



AUDIO PORTS



60 MILLION  
KEYSTROKES



2 x USB PORT



WRIST REST

## QUICK START GUIDE

**QPAD<sup>®</sup> | MK-90**  
PRO GAMING MECHANICAL KEYBOARD



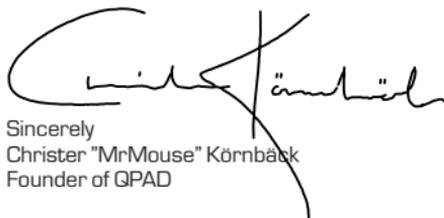
# CONGRATULATIONS!

You are now the owner of a piece of premium gaming equipment, designed with the utmost attention to performance. When I first started QPAD back in 1992, it was with one goal in mind. I wanted to create computer gear especially designed for gaming purposes.

Being a die-hard gamer and computer enthusiast myself, I know just how much it means to have gear that can stand the heat of battle. Gaming is all about feel, passion and love of the game.

Over the years, my view on this has not changed, and I am truly proud to say that all of the products in the QPAD family carry the same legacy: passion for gaming and a true commitment to the gaming and eSport community.

Thank you for trusting QPAD - see you on the battlefield!

A handwritten signature in black ink, appearing to read 'Christer Körnbäck'. The signature is fluid and cursive, with a large initial 'C' and a vertical line through the middle.

Sincerely  
Christer "MrMouse" Körnbäck  
Founder of QPAD

# QPAD MK-90

The MK-90 is built with superior quality, durability, well-conceived design and layout. It features an exciting new RGB LED concept with a multitude of lighting options and a white plate built into a strengthened keyboard to enhance the clarity and impact of the lighting. The new RGB LED allows gamers to individualize their experience by choosing any color in the spectrum and displaying them in a variety of modes. For example, you can choose breathing, trigger, explosion, rainbow, audio beat, wave or random in any of 16.8 million colors! MK-90's customized, programmable features lets you individually light up different colors and modes across the entire keyboard, or parts of it. More impressive is the ability to coordinate the lighting with the beat of your favorite song, lifting the spirit of the game to an even higher level!

MK-90 has a built in "instant control" functionality allowing you to toggle between different color modes, add a macro on the fly or change repetition speed. Simply press FN key + plus different key combinations and take control! The MK-90 comes with gaming grade mechanical switches with unmatched accuracy and feel. No more pressing with full-force in order to activate the keys. The keyboard will respond to your every stroke in an instant. MK-90 is designed to last 60 million strokes, built on a steel plate, making it robust enough to withstand the most serious keyboard abuse. MK-90 also features full N-Key rollover anti-ghosting technology. (Even if you hit all keys at the same time they will all register). MK-90 also features pass through audio and USB ports, enabling you to connect your mouse, headset, memory sticks or other options. Other features include gold-plated connectors, removable wrist rest and media keys for easy control of playback, pause, skip track, etc. MK-90 is designed to give you total gaming control while giving you the thrill of movement at the speed of light.



RGB LED 16.8 million colors



Fullsize 3 section keyboard



Mechanical switches



Laser engraved key caps



Multimedia functionality



Gold plated connectors



USB 2.0 Hub & audio ports



# OVERVIEW

## PACKAGE CONTENTS

- 1 x Mechanical keyboard MK-90.
- 1 x Detachable wrist rest

## COMPATIBILITY

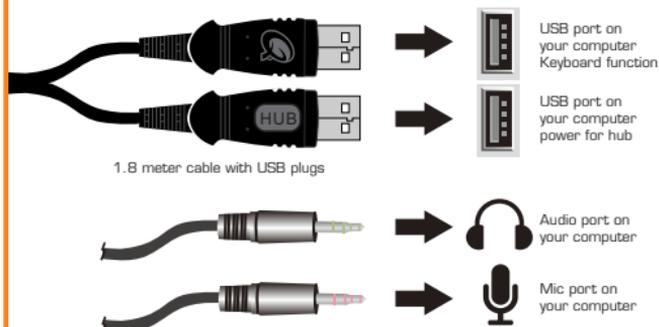
USB 1.1/2.0 Compatible with Windows® XP / Vista / 7 / 8

## SYSTEM REQUIREMENTS

- PC with built-in at least two USB, earphone-out and microphone-in ports
- Windows® XP / Vista / 7 / 8

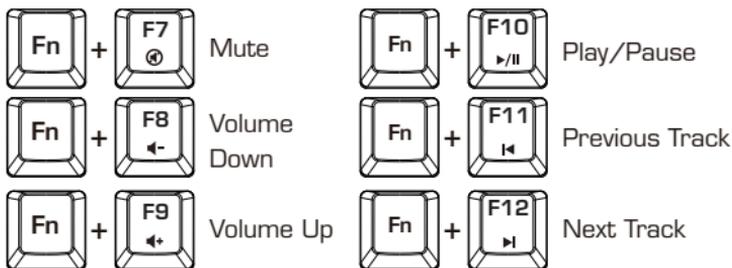
# INSTALLATION

Connect your USB plug to any available USB port. Windows® will automatically install all the necessary driver for the keyboard without restart.

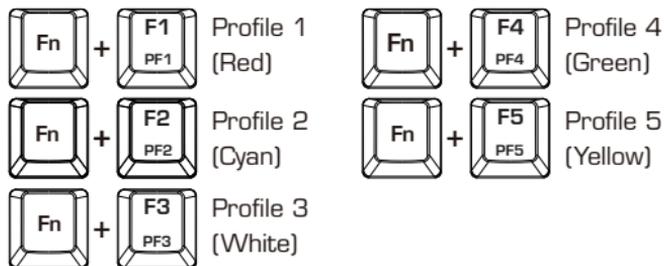


NOTICE! USB HUB on keyboard is available for portable USB devices: earphone, headphone, speaker, pen drive or MP3, Do not use for high power demanding devices.

## MULTIMEDIA CONTROL



## PROFILE CONTROL



## WIN KEY LOCK ON/OFF



NOTICE! When enabling Profile 1 to Profile 5 or G mode. Windows-key function will be automatically locked. You can enable or disable Windows key by pressing FN+Left Win.

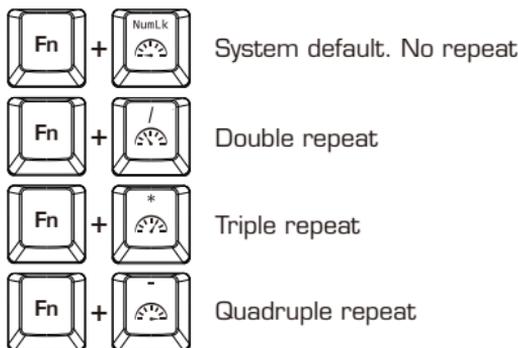


## NKEY CONTROL



NOTICE! Some motherboards are having problem with full N-Key rollover. If you experience problems try to change to 6-Key rollover.

## REPEAT DELAY CONTROL



NOTICE! Repeat function may not suit all games or software, if it cause unexpected problems, please use default repeat mode.

## LED INDICATION



Num lock LED on = Num Lock function active



Caps Lock LED on = Caps Lock function active



Game Mode Led on = Game Mode function active

NOTICE! When G-mode is enabled. Windows-key function will be locked automatically. You can enable or disable Windows key by pressing FN+Left Win key.

## PC MODE



+



PC Mode or Game Mode ON/OFF

## LIGHTING STRENGTH



+



Lighting strength up



+



Lighting strength down



## LIGHTING MODES



LED mode change left



LED mode change right

### NOTICE!

- Step 1: Lighting, keyboard LED are in steady mode. All keycap in the same color.
- Step 2: Breathing, keyboard LED are in breathing mode, All keycaps have same color.
- Step 3: Trigger, all LED are off, when key is pressed LED will light up.
- Step 4: Explosion, all LED are off, when key is pressed LED will explode and spread.
- Step 5: Random color breathing, LED color change in a breathing mode randomly.
- Step 6: Audio, all LED are off, when music are played, led will flash to the beat of the music.
- Step 7: Rainbow wave, keyboard LED move from left to right in all colors.
- Step 8: Customized, user defined in any color any key.

NOTE! Audio mode requires that the 3.5mm audio plug is connected to a sound source. If the light response is low. Increase the volume to increase lighting effect.

## INSTANT MACRO RECORDING



Activate Macro recording

### NOTICE! Macro recording under Profile1 to Profile5

- Step 1: Press FN+Alt Gr to start Macro Record process, G-mode LED will start flashing.
- Step 2: Type any key you want to record.
- Step 3: Press FN+Alt Gr again, G-mode Led will flash more quickly
- Step 4: Assign a key you want to save this record.
- Step 5: G-mode LED will stop flash, Macro record process finish.

FN and Win Key can't be assign to macro key.

## HARDWARE RESET



FN + ESC for 3 seconds for reset

**NOTICE!** When keyboard has unexpected problem, you can reset keyboard by holding FN+ESC for 3 second, LED will flash once, current profile will be reset to default setting.

Reset function only working under current profile.

## WRIST REST



1. Place the keyboard on top of the wrist rest pins
2. Press on the keyboard with your thumbs above the pins A and B until you snap it into place
3. When removing just bend the wristpad
4. Bend 360 degrees until it snaps of its position



# WARRANTY

- QPAD warrants this product against defects in workmanship and materials for one (1) year from purchase date under normal consumer use conditions.

- If the product fails during normal and proper use within the warranty period, QPAD will, at its option, repair or replace the product. This QPAD warranty does not include failure caused by improper operation, cleaning or maintenance, accident, damage, misuse, abuse, non-QPAD modifications to the product, normal wear and tear or any other event, act or omission outside QPAD's control.

- Parts repaired or replaced by the QPAD service site are covered for three (3) months or for the remainder of the original warranty period, whichever is longer.

## **If warranty servicing is required, you may do following.**

- Contact your local QPAD authorized dealer/retailer, from where you bought the product, for repair or replacement.

## **Warranty limitations**

The warranty only covers failures or malfunctions occurred during the warranty period and in normal use conditions as well as for material or workmanship defect. The warranty will not apply if:

1. The products been tampered, repaired, and or modified by non authorized personal.
2. The serial number of the product has been altered, cancelled or removed.
3. There is damaged caused by accident, natural disaster intentional or accidental misuse, abuse, neglect or improper maintenance, or use under abnormal conditions.

# REGISTER YOUR PRODUCT

- Please visit [www.QPAD.com/register/](http://www.QPAD.com/register/) for online product registration

## QPAD STORY

We at QPAD build our success on a grass roots commitment to the gaming community. We thrive in competition and embrace the free spirit of gaming. We provide the gaming world with premium high-quality equipment, giving eSporters, enthusiasts and casual gamers all over the world a winning edge.

In an industry dominated by gigantic multi-national corporations, QPAD is a breath of fresh air. The story of QPAD started in Stockholm, Sweden, back in 1992 when computer enthusiast and hardcore gamer Christer Kornback founded the company. The idea Christer had was to produce high-quality mouse pads suitable for gaming. Back in those days, gamers had no choice but to use standard office-grade mice and mouse pads.

In 1997, one of the World's first eSport events was held in Stockholm; the Swedish Quake Championships. Christer - being a prominent member of the Swedish online gaming scene - was asked to produce a custom-sized mouse pad, considerably larger than the models available at the time. This was the birth of the first piece of premium eSport equipment designed with only gaming in mind. The mouse pad was the core of the QPAD product line for years, as the small one-man-business grew in both size and fame, earning respect amongst eSport athletes, gamers and computer enthusiasts all over the world.

Now QPAD has widened the product line to also include award-winning gaming-grade mice, headsets and keyboards. These include the World's first mechanical gaming keyboard offering full NKRO through usb only, (QPAD MK-85) and the first laser gaming mouse actually usable for professional gaming purposes (QPAD 5K). With the launch of the QPAD Professional Gaming Headset 1339 the company further consolidated its place as a leading provider of premium gaming gear. The 1339 headset, based on the industry-leading technology of Beyerdynamics, is by many gamers considered the best gaming headset on the market today.

All of the products in the QPAD family carry the same legacy: passion for gaming and a true commitment to the gaming and eSport community. This is reflected in our sponsorship of the QTOUR, eSport athletes, communities, cups, tournaments, teams and LAN parties all over the world.



# TECHNICAL SPECIFICATION

Key switch:	Gaming grade mechanical switch technology
N Key Roll over:	Full N-Key roll over via USB
Key strokes:	60 Million
Lighting:	Individual RGB LED backlight on every key for enhanced visuals
Lighting features:	16.8 million colors with a multitude of lighting options
Lighting modes:	Breathing, trigger, explosion, random, audio, rainbow, customize
Instant control:	On the fly macro recording, repeat speed, color modes, profiles
Software:	Profiles, key binding, LED settings, macro recording, color modes
Connectors:	Gold plated USB connectors.
Media keys:	Media keys for volume control, play, pause and skip tracks
USB Hub:	Two high speed USB 2.0 ports
Audio ports:	3.5mm headphone-out and microphone-in jacks
Cable:	2 meter braided cable
Extras:	Key cap puller
Keyboard:	44,8 x 14,9 x 3,5 cm (17,6 x 5,8 x 1,37 inch)
Wrist rest:	44,8 x 6,6 x 1,7 cm (17,6 x 2,48 x 0,66 inch)
Weight:	1.27 Kg (2.8 LBS)



**QPAD<sup>®</sup> | MK-70**  
PRO GAMING MECHANICAL KEYBOARD

# QPAD PRODUCTS

## MOUSE PADS



**QPAD<sup>®</sup> ICT**  
PROFESSIONAL GAMING MOUSE PAD



**QPAD<sup>®</sup> ICT**  
PROFESSIONAL GAMING MOUSE PAD



**QPAD<sup>®</sup> FX**  
PROFESSIONAL GAMING MOUSE PAD



**QPAD<sup>®</sup> UC**  
PROFESSIONAL GAMING MOUSE

## MICE



**QPAD<sup>®</sup> OM-75**  
PROFESSIONAL GAMING MOUSE



**QPAD<sup>®</sup> 5K**  
PROFESSIONAL GAMING MOUSE



**QPAD<sup>®</sup> 8K**  
PROFESSIONAL GAMING MOUSE



**QPAD<sup>®</sup> 8K**  
PROFESSIONAL GAMING MOUSE

## KEYBOARDS



**QPAD<sup>®</sup> MK-50**  
PROFESSIONAL GAMING KEYBOARD



**QPAD<sup>®</sup> MK-80**  
PROFESSIONAL GAMING KEYBOARD



**QPAD<sup>®</sup> MK-85**  
PROFESSIONAL GAMING KEYBOARD



**QPAD<sup>®</sup> MK-90**  
PROFESSIONAL GAMING KEYBOARD

## HEADSET'S



**QPAD<sup>®</sup> GH-85**  
PROFESSIONAL GAMING HEADSET



**QPAD<sup>®</sup> GH-85**  
PROFESSIONAL GAMING HEADSET



**QPAD<sup>®</sup> GH-90**  
PROFESSIONAL GAMING HEADSET



**QPAD<sup>®</sup> GH-90**  
PROFESSIONAL GAMING HEADSET



**QPAD<sup>®</sup> GH-1339**  
PROFESSIONAL GAMING HEADSET



**QPAD<sup>®</sup> MK-70**  
PROFESSIONAL GAMING KEYBOARD

Visit [www.QPAD.com](http://www.QPAD.com)  
for more products.





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