

Specification

Model: X75

Description: Wired mechanical keyboard
with frontal layout

1 Description

1.1 Overview

RGB 2-block 89 keys wired mechanical keyboard

1.2 Features

This wired professional mechanical backlight gaming keyboard is suitable for personal users.

- ✎ 18 backlight modes selectable;
- ✎ Adjust brightness and speed freely;
- ✎ Customized backlight zone;
- ✎ Support fully anti-ghosting;

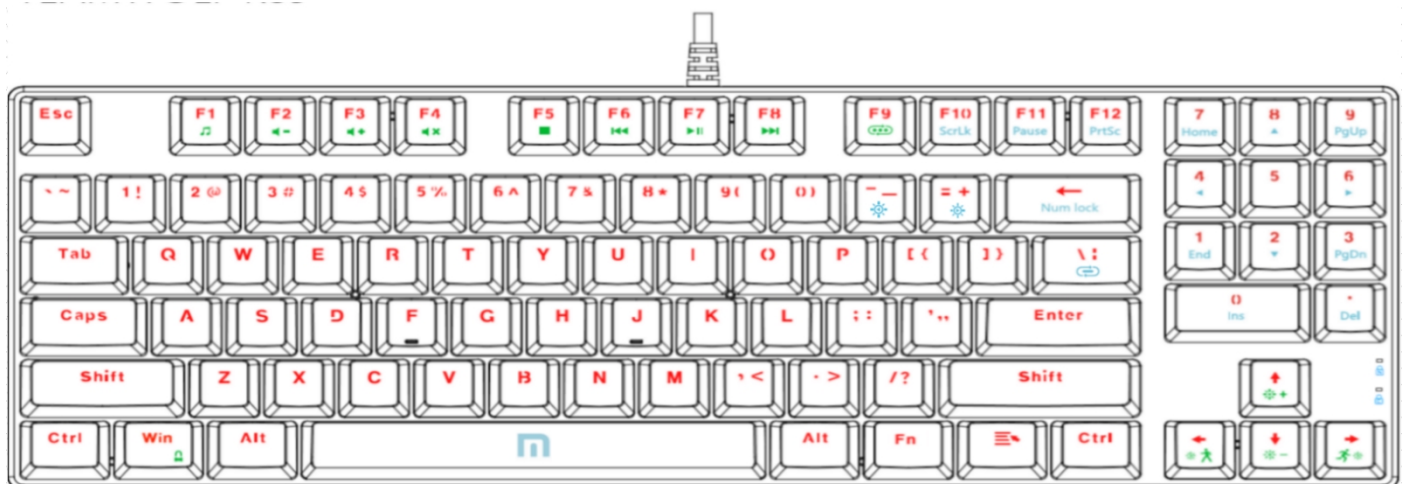
2. Hardware Spec.

2.1 Cosmetic Spec

2.1.1 Keyboard

Size: 383.8*163.4*38.7mm ± 2 mm;

Weight: 1160 Kg ± 30 g





2.2 Environmental specifications

2.2.1 Operating Environmental

Working temperature	-5~ +45℃
Storage temperature	-20 ~ +60℃
Working humidity	10 ~ 90 % RH
Storage humidity	5 ~ 95 % RH

2.2.2 Available Voltage range

Parameter	MIN	MAX	Unit
Input (Tx)	4.	5.5	V

2.3 Main components specification

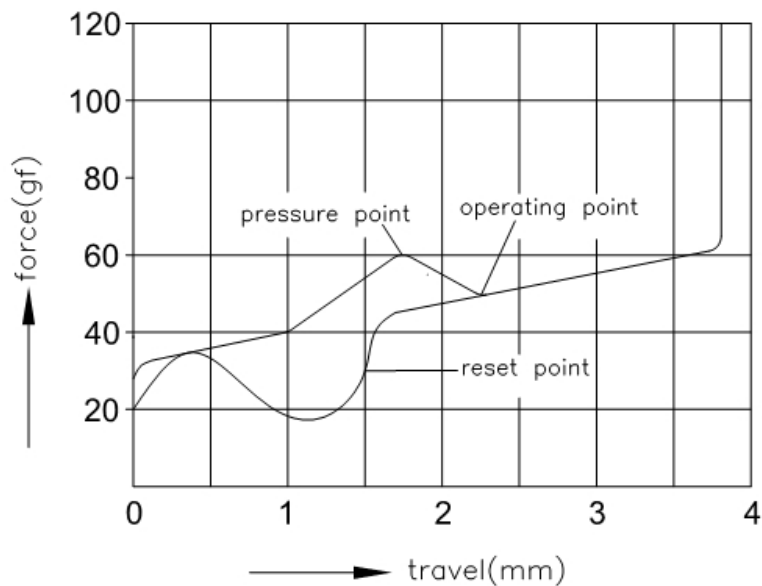
2.3.1 Keyboard

Name of components	Specification
Top case	Metal plate
Bottom case	ABS
Keycaps	Double injection/ laser
Feet	Double injection
Extra weight/Middle case	Metal (<u>optional</u>)
Pad	Black rubber

LOGO	silkscreen
Rating label	PET
MCU	WTU711
Backlight	monochromatic source
Cable	1.8 meter full length

2.4 Mechanical properties

2.4.1 The standard keycaps of the keyboard



Fp loading	$60 \pm 5\text{gf}$
Work travel (Conductive travel)	$2.2 \pm 0.6\text{mm}$
Tactile Travel	$1.8 \pm 0.5\text{mm}$
Paragraph= $(F_p - F_c) / F_p * 100\%$	(60-90)%
Maximum travel (120g)	$3.8 \pm 0.2\text{mm}$
Lifetime of switches	5000W, Outemu











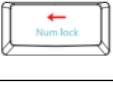







2.5 Electrical spec

2.5.1 Basic function

Definition of RGB Electrical Function


Insert USB and power on, 7 kinds of backlight modes cycled:

Normally on mode, breathing mode, single point and single light, water ripple, staggered meteor, streamer floating (the default factory mode is normally on

A	FN+multi media hotkey	short cut key		shortcut key	
		Fn+  = music		FN+  = previous song	
		Fn+  = volume -		FN+  = play/pause	
		Fn+  = volume +		FN+  = next song	
		Fn+  = mute		FN+  = backlight mode change	
		Fn+  = stop		FN+  = Printscreen	
		Fn+  = Num lock/unlock		FN+  = Scroll lock/unlock	
				FN+  = Pause	
		Short cut key	Function	Status	
		Fn+ 	Lock/Unlock Win and APP	After lock the win key, this keyboard will be no function, press again, it will be unlock	
		FN+ 	Lighting mode switch	Normally on mode, breathing mode, single point and single light, water ripple, staggered meteor, streamer floating (the default factory mode is normally on	
		Fn+ 	LED Speed down	Lowest, work under breathing mode, single point and single light, water ripple, staggered meteor, streamer floating;	
		FN+ 	LED Speed up	Fastest, work under breathing mode, single point and single light, water ripple, staggered meteor, streamer floating;	
		Fn+ 	Increase LED brightness	Brightest, works under Normally on mode, breathing mode, single point and single light,	

B

FN+Keyboard lock functional keys


		water ripple, staggered meteor, streamer floating
Fn+ 	Decrease LED brightness	Darkness, works under Normally on mode, breathing mode, single point and single light, water ripple, staggered meteor, streamer floating

2.5.2 Main Parameter of the keyboard

1) Working voltage : $5V \pm 0.5V$

2) Working current: $\leq 300\text{Ma}$

3) Input method: USB

4) Small number keypad area: Press FN+ , NUM LED light,

5) the functions of side lights and logo lights are as follows:

1: 14pcs 020 side stick / RGB lights on the left and right sides + 6pcs 020 side stick RGB lights in the middle logo position

2: The lighting function requirements of the two sides and the middle logo position are as follows:

Lamp effect: running horse - always on (6 colors always bright red, green, blue, yellow, green, purple) - neon - off

By press FN +  to exchange the backlight modes.

3. Software

3.1 Driver

☒ YES

☐ NO

4. system requirement

XP/Vista/Vista 64/Win7/Win7 64/WIN8/WIN10