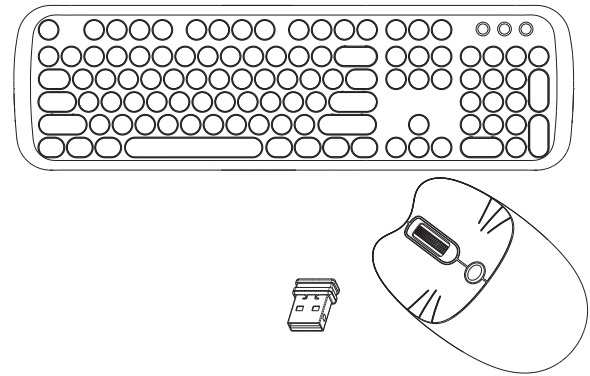
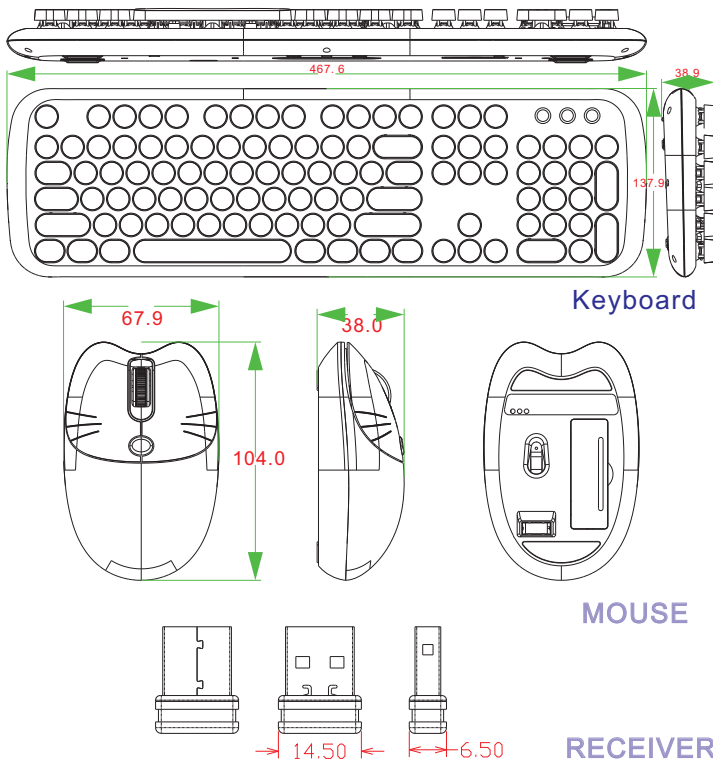


SPECIFICATIONS

Part 1.0: General Features

- Full size slim wireless keyboard
- Totally Wireless freedom
- 2.4GHz FSK Autolink technology
- 40 two way R F channels
- Operation distance of 6~10 meters for mouse and keyboard
- 800/1200/1600 DPI optical precision switchable
- 3 level power saving mode
- Auto on/off RF output design
- Nano receiver for this combo

Part 2.0: Physical characteristics



SMK-648M3AG

Part 3.0: Electrical Specification

Interface : USB 1.1
 Sensor report rate on mouse: 3000 times per second
 Operation angle: 360 degrees
 Operation distance: 6~10 meter for keyboard and mouse
 Receiver power requirement: 5V DC from USB port
 R F frequency: 2.4 Ghz (2.402~2.480 Ghz)
 R F modulation : GF S K
 Hopping type : 16 frequency Active Hopping
 R F channel : 40 channels
 ID numbers: 32 bits
 R F bandwidth : 2.0mHz
 Speed of transmit: 2M bps
 R F output power : 0dBm
 Receiver of sensitive: -86dBm
 Resolutions: 800~1200~1600DPI
 Sensor Tracking Speed: 30+ inches / Second

Battery

Battery type: one AA alkaline for mouse
 one AA alkaline for keyboard
 Battery consumption:
 mouse: 1.5V
 keyboard: 1.5V

Operating Mode: ≤ 15 mA (working)
 Sleep Mode 1: ≤ 2.5 mA (after 5 second non-active)
 Sleep Mode 2: ≤ 0.6 mA (after 59 second non-active)
 Sleep Mode 3: ≤ 0.1 mA (after 8 minutes around non-active and LED turn off)
 Keyboard: Operating Mode: ≤ 10 mA
 Sleep Mode 1: ≤ 1 mA (no typing)

Part 4.0: Reliability

Keyboard Button Switch Activation: 8,000,000 cycle
 Mouse Button Switch Activation: 3,000,000 cycle
 Scroll Wheel encoder Activation: 100,000 cycle
 Operating temperature: $-5 + 40$ degrees celsius
 Operating humidity: 20% - 90%

Part 5.0 System Requirement

Windows 2000, Windows xp, Windows ME.
 Windows VISTA, Windows 7/8/10

Mechanical Performance

Operating force of mouse buttons	70 ± 15 gf
Operating force of wheel scrolling	20 ± 10 gf
Operating force of keyboard keycaps	60 ± 15 gf

Buttons

Mouse : 4 buttons with scrolling wheel

Keyboard : 104 standard keys,

Weight:

Mouse: 78 ± 5 g (battery included)
 Keyboard: 658 ± 5 g (battery included)
 Receiver: 2 ± 1 g

Multimedia Hotkeys functions:

FN+F1=Media Player	FN+F2=Volume Down
FN+F3=Volume Up	FN+F4=Mute
FN+F5=Previous Track	FN+F6=Next Track
FN+F7=Play/Pause	FN+F8=CD Stop
FN+F9=Web ho	FN+F10=Email
FN+F11=My computer	FN+F12=My Favorite