

User Manual

Thank you for choosing our Gesture Controlled VLC Media Player

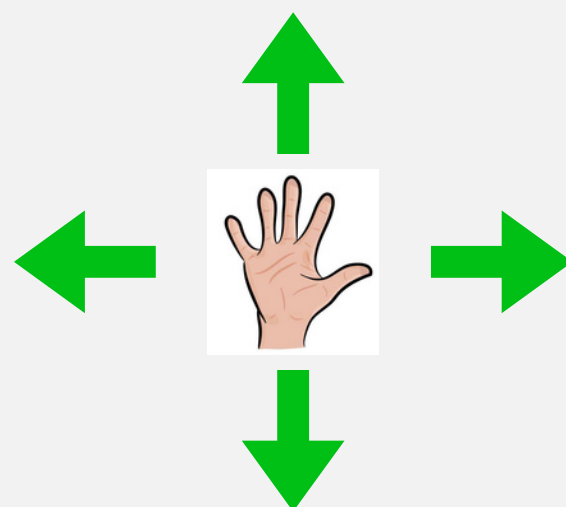
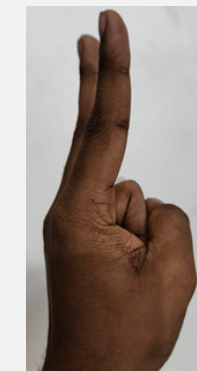
This system is designed to provide a seamless and touch-free media control experience using intuitive hand gestures. By combining computer vision and real-time gesture recognition, it allows you to interact with your media player naturally—without the need for a keyboard, mouse.

We hope this innovative approach enhances your convenience, accessibility, and overall viewing experience.



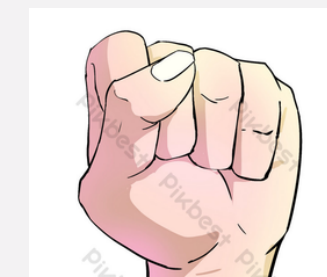
Special notes from developers..

All gestures can be shown from front and back side but strictly cannot be shown sideways to prevent any accuracy loss or performance issue.



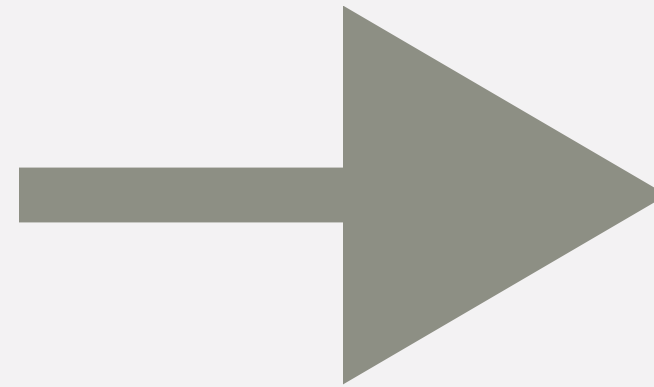
For all palm movement tracking dynamic gestures first user need to hold static open palm to switch into dynamic tracking mode then it can move according to predefined manners. After setting up user need to fist his hand to get out of tracking mode.

Fist is the resting gesture for user. User will fist his hand if anything goes out of control or user needs to think and decide what to do next.



Unlock the system (Level 0-> 1)

**System Status
LOCKED**



**System Status
UNLOCKED -
entering into
main menu - 1**



What you can do here in main menu (1) ..



**Play / Pause
Media**

**Check into
next page**

**Navigate deep into
system for more
features using
gestures like
Pointed Index,
Victory, Trio, Quad**

Navigating into submenus from main menu..



**Entering into
submenu 2.1
Utility: Video
navigation**



**Entering into
submenu 2.2
Utility: Volume
& Speed control**



**Entering into
submenu 2.3
Utility: Playlist
control**

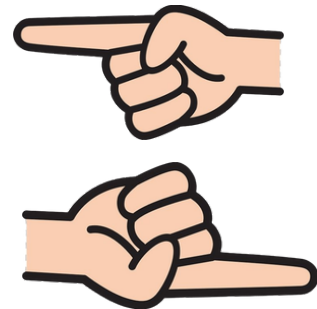


**Entering into
submenu 2.4
Utility: System
features**

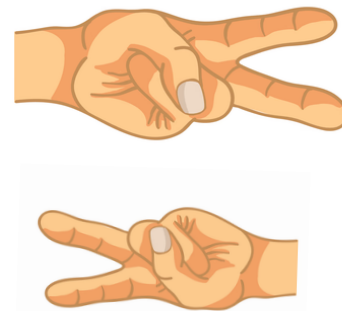
What you can do here in sub-menu (2.1)..



**Dynamic Video
seeking by
tracking
sideways
movement of
open palm**



**Video seeking
Right pointed
index: +10 sec
Left pointed
index: -10 sec**



**Video seeking
Right pointed
Victory: +1 min
Left pointed
Victory: -1 min**



Exit



Restart

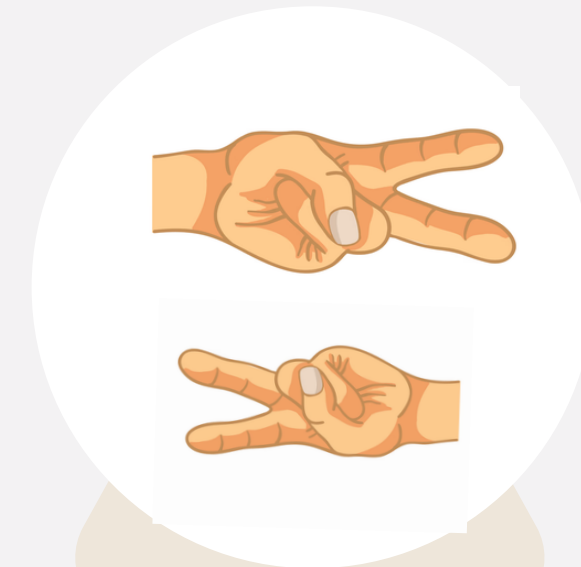
What you can do here in sub-menu (2.2)..



**Dynamic Volume
control by
tracking vertical
movement of
open palm**



**Mute / Unmute
toggle**

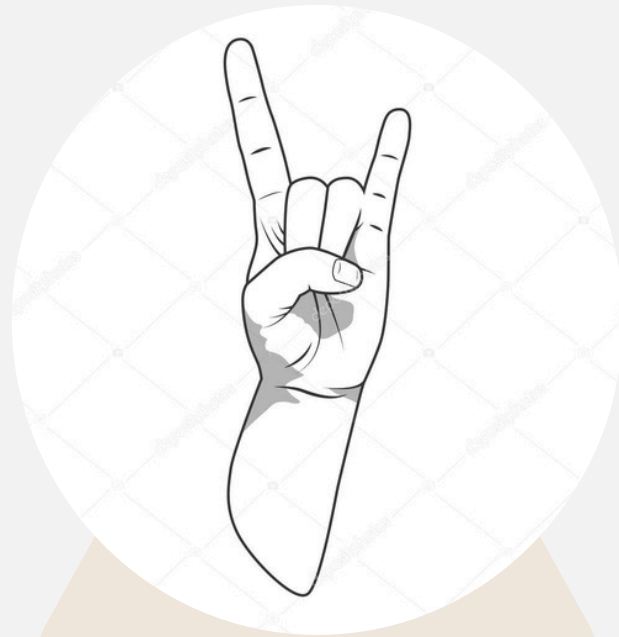


**Speed control
Right pointed
Victory: Fast
forward
Left pointed
Victory: Slow
down**

What you can do here in sub-menu (2.3)..



**Right pointed
index: next video
Left pointed index:
previous video**



Shuffle Playlist



Loop Playlist

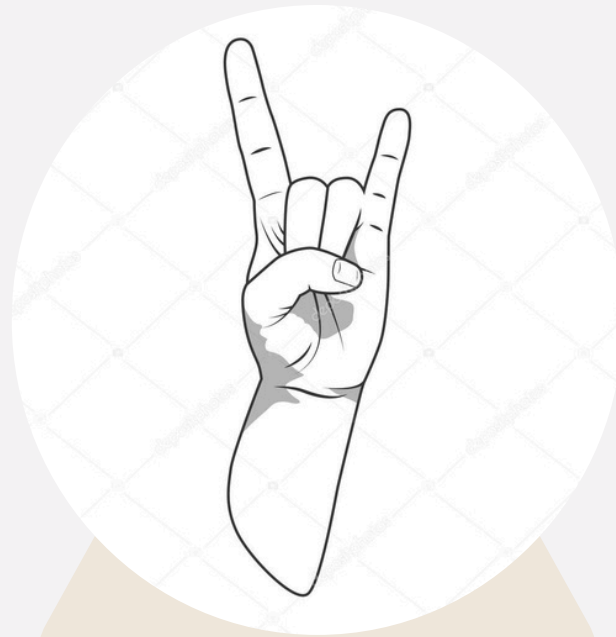


Open Mini-Player

What you can do here in sub-menu (2.4)..



Full screen toggle



**Change Aspect
ratio**



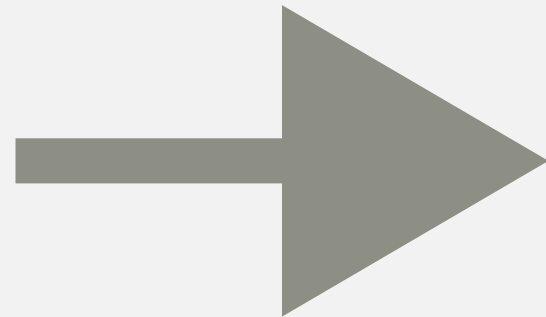
Take Screenshot



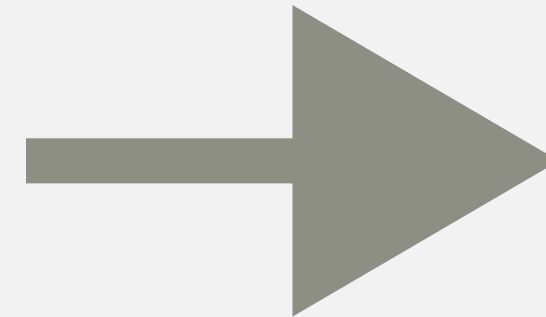
**Start & end screen
recording**

Thumbs Up: Back button of the system..

**System Status
Submenu - 2.1 /
2.2 / 2.3 / 2.4**



**System Status
Main Menu - 1**



**System Status
LOCKED - 0**



For any inconvenience, please refer to our tutorial video..

We sincerely thank you for choosing our Gesture Controlled VLC Media Player. Your interest in innovative, touchless technology motivates us to continue developing smarter and more accessible solutions.

We would also like to express our gratitude to everyone who supported the development of this system — including mentors, users who believe in advancing human-computer interaction through intuitive design and technology.

Your feedback and support are highly valued and will help us further improve and refine this system.

