

# User Manual

## Netflix-Style Video Player - Complete User Guide

Welcome to your personal Netflix-style video streaming platform! This comprehensive guide will help you make the most of all features and capabilities.

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### Table of Contents

- [Getting Started](#)
  - [User Management](#)
  - [Video Playback](#)
  - [Theme System](#)
  - [Continue Watching](#)
  - [Admin Panel](#)
  - [Mobile Experience](#)
  - [Keyboard Shortcuts](#)
  - [Troubleshooting](#)
  - [Tips & Tricks](#)
- 

## Getting Started

### First Time Access

1. **Open your browser** and navigate to your video player URL
  - Local: `http://localhost:5555`
  - Network: `http://your-server-ip:5555`
2. **User Selection Screen**
  - You'll see the main login screen with available users
  - If this is your first time, you'll need to create a user account

### Creating Your First User Account

1. **Click "Add New User"** button (+ icon)
2. **Enter User Information:**
  - **Username:** Your login identifier (must be unique)
  - **Display Name:** Your full name shown in the interface
  - **PIN:** 4-digit security PIN (optional - you can skip this)
3. **PIN Options:**
  - **Set PIN:** Enter a 4-digit number for secure access
  - **Skip PIN:** Click "Skip PIN" for quick access without security

4. **Avatar Generation:** Your avatar will be automatically created with:
  - Your initials
  - A unique color scheme
  - Consistent appearance across all pages

## Logging In

### With PIN Protection:

1. Click on your user card
2. Enter your 4-digit PIN using the on-screen keypad
3. Click "Login" or press the checkmark

### Without PIN (Skip PIN users):

1. Simply click on your user card
  2. You'll be logged in immediately
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## User Management

### User Profiles

Each user gets their own: - **Personal Avatar:** Unique color and initials - **Watch Progress:** Individual viewing history - **Theme Preference:** Personal light/dark mode settings - **Continue Watching:** Personalized recommendations

### Managing Multiple Users

#### Adding New Users:

1. From any page, click the user menu (top right)
2. Select "Switch User"
3. Click "Add New User" on the selection screen
4. Follow the registration process

#### Switching Between Users:

1. Click your avatar/name in the top right
2. Select "Switch User"
3. Choose a different user or add a new one

### User Settings

#### Changing Your Theme:

1. Click the theme toggle button ( /\*) in the header
2. Cycles through: System → Light → Dark

3. Your preference is automatically saved

### **Account Security:**

- PIN-protected accounts require PIN for login
  - No-PIN accounts allow instant access
  - Admin can suspend/activate accounts
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## **Video Playback**

### **Browsing Content**

#### **Home Page:**

- **Hero Slideshow:** Featured recent content with auto-advance
- **Continue Watching:** Pick up where you left off
- **All Content:** Browse by Movies, Series, and other categories

#### **Movies Page:**

- Grid view of all movie content
- Hover for quick preview and details
- Click to start watching

#### **Series Page:**

- Organized by TV series and multi-episode content
- Episode tracking and progress
- Automatic next episode suggestions

### **Playing Videos**

#### **Starting Playback:**

1. **Click any video thumbnail** to start playing
2. **Video Player Features:**
  - Full Netflix-style interface
  - Automatic quality selection
  - Progressive loading for instant start

#### **Video Player Controls:**

**Basic Controls:** - **Play/Pause:** Click video or press Spacebar - **Volume:** Click speaker icon or use volume slider - **Progress:** Click progress bar to jump to specific time - **Fullscreen:** Click fullscreen icon or press F

**Advanced Controls:** - **Audio Tracks:** Switch between available language tracks - **Subtitles:** Enable/disable and select subtitle languages - **Quality:**

Automatic quality adjustment based on connection - **Speed:** Playback speed control (0.5x to 2x)

### **Multi-Audio Support:**

1. **Click the audio track button** ( ) during playback
2. **Select from available languages:**
  - English, Spanish, French, etc.
  - Shows codec and channel information
3. **Seamless switching** without interrupting playback

### **Subtitle System:**

1. **Click the subtitle button** (CC) during playback
2. **Choose subtitle track:**
  - Multiple languages available
  - Automatic format detection (SRT, WebVTT, ASS)
3. **Chunked Loading:** Subtitles load in 10-minute segments for faster performance

## **Video Quality & Performance**

### **Automatic Quality:**

- **Adaptive Streaming:** Quality adjusts based on your connection
- **Range Requests:** Videos start playing immediately
- **Progressive Download:** No waiting for full download

### **Supported Formats:**

- **Video:** MP4, MKV, AVI, MOV, WebM
- **Audio:** AAC, MP3, AC-3, DTS (transcoded to browser-compatible formats)
- **Subtitles:** SRT, WebVTT, ASS

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## **Theme System**

### **Theme Options**

#### **Light Theme:**

- Clean white background
- Dark text for easy daytime reading
- Optimal for bright environments

#### **Dark Theme:**

- Netflix-style dark background

- Light text for comfortable night viewing
- Reduces eye strain in low light

### System Default:

- Automatically follows your device's theme setting
- Changes when you switch your OS theme
- Perfect for users who change themes regularly

## Changing Themes

### Quick Theme Toggle:

1. **Click the theme button** in the top header ( /✱/⚙)
2. **Cycles through options:** System → Light → Dark → System
3. **Visual confirmation:** Small toast notification shows current theme
4. **Automatic saving:** Your preference is remembered

### Theme Persistence:

- **Logged-in users:** Theme saved to your user profile
- **Guest/Login page:** Theme saved to your device
- **Cross-device sync:** Your theme follows you when logged in

### Theme Indicators

- **Moon Icon:** Dark theme active
  - **✱ Sun Icon:** Light theme active
  - **⚙ System Icon:** Following system theme
  - **Toast Notification:** Shows "Light Theme", "Dark Theme", or "System Default (Light/Dark)"
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## Continue Watching

### How It Works

#### Automatic Progress Tracking:

- **Every 10 seconds:** Your progress is automatically saved
- **Cross-session:** Pick up exactly where you left off
- **Per-user tracking:** Each user has their own progress

#### Continue Watching Section:

- **Recent videos:** Shows your most recently watched content
- **Progress indicators:** Visual progress bars show completion
- **Smart sorting:** Most recent activity appears first

## Managing Your Watch List

### Resume Watching:

1. **Go to Home, Movies, or Series page**
2. **Find “Continue Watching” section**
3. **Click any video** to resume from your last position
4. **Automatic positioning:** Video starts exactly where you stopped

### Progress Information:

- **Percentage complete:** Shows how much you’ve watched
- **Time remaining:** Calculates remaining watch time
- **Last watched:** Shows when you last viewed the content

## Series Progress

### Episode Tracking:

- **Individual episodes:** Each episode tracks separately
  - **Series overview:** Shows overall series progress
  - **Next episode:** Automatic suggestions for next episode
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## Admin Panel

Note: Admin features require admin PIN access

### Accessing Admin Panel

1. **Navigate to:** `http://your-server:5555/admin`
2. **Enter Admin PIN:** Default is “0000” (check with your administrator)
3. **Admin Dashboard:** Access all administrative functions

## User Management

### View All Users:

- **User list:** See all registered users
- **User status:** Active/suspended status
- **Registration dates:** When users joined
- **Last activity:** Recent login information

### User Actions:

- **Suspend User:** Temporarily disable user account
- **Activate User:** Re-enable suspended accounts
- **View Statistics:** User activity and watch time

## System Settings

### Registration Control:

- **Enable/Disable:** Control new user registrations
- **Security:** Prevent unauthorized account creation
- **User limits:** Manage total user count

### System Information:

- **Server status:** System health and performance
  - **Database info:** Storage usage and statistics
  - **Video library:** Content statistics and metrics
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## Mobile Experience

### Mobile-Optimized Interface

#### Responsive Design:

- **Touch-friendly:** Large buttons and touch targets
- **Swipe gestures:** Navigate with finger gestures
- **Portrait/landscape:** Automatic orientation handling

#### Mobile Navigation:

- **Hamburger menu:** Collapsible navigation for small screens
- **Touch controls:** Optimized video player controls
- **Mobile keyboard:** On-screen PIN entry

### Mobile Video Playback

#### Touch Controls:

- **Tap to play/pause:** Single tap on video
- **Double-tap:** Jump forward/backward 10 seconds
- **Pinch to zoom:** Zoom video (where supported)
- **Swipe for volume/brightness:** Gesture controls

#### Mobile-Specific Features:

- **Automatic quality:** Optimized for mobile data connections
  - **Battery optimization:** Efficient video decoding
  - **Background play:** Continue audio when switching apps (where supported)
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## Keyboard Shortcuts

### Video Player Shortcuts

| Key                | Action                      |
|--------------------|-----------------------------|
| <b>Spacebar</b>    | Play/Pause                  |
| <b>F</b>           | Toggle Fullscreen           |
| <b>M</b>           | Mute/Unmute                 |
| <b>↑/↓</b>         | Volume Up/Down              |
| <b>←/→</b>         | Seek Backward/Forward (10s) |
| <b>Shift + ←/→</b> | Seek Backward/Forward (5s)  |
| <b>0-9</b>         | Jump to 0%-90% of video     |
| <b>Home</b>        | Jump to beginning           |
| <b>End</b>         | Jump to end                 |
| <b>Esc</b>         | Exit fullscreen             |

### Interface Shortcuts

| Key             | Action                    |
|-----------------|---------------------------|
| <b>Ctrl + F</b> | Search (when available)   |
| <b>Tab</b>      | Navigate between elements |
| <b>Enter</b>    | Select/Activate           |



| Key | Action             |
|-----|--------------------|
| Esc | Close modals/menus |

## PIN Entry Shortcuts

| Key       | Action            |
|-----------|-------------------|
| 0-9       | Enter PIN digits  |
| Backspace | Delete last digit |
| Enter     | Submit PIN        |
| Esc       | Cancel PIN entry  |

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## Troubleshooting

### Common Issues

#### Video Won't Play:

**Possible Causes:** - Unsupported video format - Network connectivity issues  
- Browser compatibility

**Solutions:** 1. **Check format:** Ensure video is MP4, MKV, or AVI 2. **Refresh page:** Try reloading the browser 3. **Clear cache:** Clear browser cache and cookies 4. **Try different browser:** Test with Chrome, Firefox, or Safari 5. **Check network:** Ensure stable internet connection

#### Slow Loading:

**Possible Causes:** - Slow internet connection - Large video files - Server performance

**Solutions:** 1. **Check connection:** Test your internet speed 2. **Lower quality:** Let automatic quality adjustment work 3. **Close other apps:** Free up bandwidth 4. **Try wired connection:** Use Ethernet instead of Wi-Fi

## Subtitles Not Showing:

**Possible Causes:** - No subtitle tracks in video - Subtitle format not supported - Loading issues

**Solutions:** 1. **Check availability:** Click CC button to see available tracks 2. **Try different track:** Select different subtitle language 3. **Refresh video:** Restart the video player 4. **Check format:** Ensure subtitles are SRT, WebVTT, or ASS

## Login Issues:

**Possible Causes:** - Incorrect PIN - User account suspended - Browser issues

**Solutions:** 1. **Check PIN:** Ensure correct 4-digit PIN 2. **Try different user:** Test with another account 3. **Contact admin:** If account is suspended 4. **Clear cookies:** Reset browser cookies

## Theme Not Changing:

**Possible Causes:** - Browser cache issues - JavaScript disabled - Theme system error

**Solutions:** 1. **Refresh page:** Reload browser completely 2. **Enable JavaScript:** Ensure JS is enabled 3. **Clear cache:** Clear browser cache 4. **Try incognito:** Test in private browsing mode

## Browser-Specific Issues

### Chrome:

- **Hardware acceleration:** Enable in `chrome://settings/system`
- **Clear data:** Use Chrome's clear browsing data
- **Extensions:** Disable ad blockers temporarily

### Firefox:

- **Media settings:** Check media.autoplay settings
- **Clear data:** Use Firefox's clear data feature
- **Safe mode:** Try Firefox safe mode

### Safari:

- **Auto-play:** Check auto-play settings
  - **Cross-site tracking:** Disable prevention temporarily
  - **Clear website data:** Clear Safari website data
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# Tips & Tricks

## Optimizing Your Experience

### For Best Performance:

1. **Use wired internet:** Ethernet connection for 4K content
2. **Close unnecessary tabs:** Free up browser memory
3. **Update browser:** Keep browser up to date
4. **Enable hardware acceleration:** Use GPU for video decoding

### Content Organization:

1. **Organize folders:** Keep videos in organized directories
2. **Consistent naming:** Use clear, descriptive file names
3. **Series structure:** Group episodes in series folders
4. **Remove duplicates:** Clean up duplicate video files

### User Management:

1. **Unique usernames:** Use memorable, unique usernames
2. **Strong PINs:** Use 4-digit PINs that aren't easily guessed
3. **Regular cleanup:** Remove unused user accounts
4. **Theme consistency:** Choose themes that work for your environment

## Advanced Features

### Multi-Audio Content:

- **Language learning:** Use different audio tracks for language practice
- **Accessibility:** Switch to descriptive audio tracks when available
- **Quality comparison:** Compare different audio encodings

### Subtitle Features:

- **Language learning:** Use subtitles in different languages
- **Accessibility:** Enable subtitles for hearing accessibility
- **Reading practice:** Use subtitles to improve reading skills

### Theme Automation:

- **System theme:** Let your OS control light/dark switching
- **Time-based:** Manually switch themes based on time of day
- **Environment:** Use light themes in bright rooms, dark in dim rooms

## Keyboard Power User Tips:

### Quick Navigation:

- **Tab through interface:** Use Tab key for keyboard-only navigation
- **Arrow keys:** Navigate menus and selections
- **Enter to select:** Activate buttons and links

### Video Control Mastery:

- **Precise seeking:** Use Shift + arrows for 5-second jumps
- **Percentage jumps:** Use number keys to jump to specific percentages
- **Quick mute:** Press M for instant mute/unmute

## Mobile Optimization:

### Data Saving:

- **Wi-Fi only:** Watch high-quality content on Wi-Fi
- **Mobile data:** Let quality auto-adjust for cellular
- **Preloading:** Start videos on Wi-Fi, continue on mobile

### Battery Life:

- **Lower brightness:** Reduce screen brightness while watching
- **Close apps:** Close other apps to save battery
- **Airplane mode:** Use airplane mode + Wi-Fi for better battery

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## Getting Help

## Self-Help Resources

### Documentation:

- **Installation Guide:** Setup and configuration help
- **System Requirements:** Hardware and software needs
- **API Documentation:** For developers and advanced users

### Troubleshooting Steps:

1. **Check system requirements:** Ensure your system meets minimums
2. **Update software:** Keep browser and system updated
3. **Clear cache:** Reset browser cache and cookies
4. **Test different content:** Try different videos to isolate issues
5. **Check logs:** Look for error messages in browser console

## Contact Support

### Before Contacting Support:

- **Note error messages:** Copy exact error text
- **Browser information:** Note browser type and version
- **System information:** OS version and device type
- **Steps to reproduce:** Document what you were doing when issue occurred

### Support Channels:

- **GitHub Issues:** Technical bugs and feature requests
- **Community Forum:** User discussions and tips
- **Email Support:** Direct technical assistance
- **Documentation:** Comprehensive guides and references

## Reporting Issues

### Information to Include:

1. **User account:** Username (not PIN!)
  2. **Video details:** File name and format
  3. **Browser:** Type, version, and extensions
  4. **Error messages:** Exact text of any errors
  5. **Steps:** What you were doing when issue occurred
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## Enjoying Your Video Player

### Making the Most of Your Experience

#### Content Discovery:

- **Explore all sections:** Check Movies, Series, and other categories
- **Use continue watching:** Pick up where you left off
- **Try different themes:** Find your preferred viewing mode

#### Social Features:

- **Multiple users:** Create accounts for family members
- **Individual progress:** Everyone gets their own watch history
- **Shared library:** Access the same content across all users

#### Customization:

- **Theme preferences:** Set your preferred light/dark mode
- **Audio preferences:** Choose your preferred language tracks
- **Subtitle preferences:** Enable subtitles in your preferred language

# Welcome to Your Personal Streaming Platform!

You now have access to a powerful, Netflix-style video streaming platform with: - **Multi-user support** with individual progress tracking - **Advanced video playback** with multi-audio and subtitle support - **Beautiful themes** that adapt to your preferences - **Continue watching** functionality to never lose your place - **Mobile-optimized** experience for any device - **Admin controls** for managing users and settings

**Enjoy your personalized streaming experience!**

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