






Volume Master - Chrome Extension

 CHROME	EXTENSION
VERSION	2.0
LICENSE	MIT

 **Chrome extension for precise tab volume control with audio amplification up to 600%**





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Description




Volume Master is a powerful Chrome extension that allows you to completely control the volume of each tab individually. The extension supports audio amplification up to 600% of the original level and offers various audio modes for optimal playback.

Features





Volume Control

-  Precise Control: Volume slider from 0% to 600%
-  Quick Buttons: Instant volume setting (0%, 50%, 100%, 200%, 400%, 600%)
-  Step Adjustment: +/- buttons for fine-tuning
-  Real-time: Instant application of changes





Audio Modes

-  Default: Standard playback mode
-  Voice: Optimization for voice and speech
-  Bass: Low frequency enhancement for music

Interface

-  Dark Theme: Toggle between light and dark themes
-  Responsive Design: Beautiful and modern interface
-  Fast Performance: Optimized performance
-  Auto-update: Automatic refresh of audio tabs list

Tab Management

-  Audio Tabs List: Display of all tabs with active audio
-  Quick Switching: Click to navigate to desired tab
-  Audio Status: Audio state indicators for each tab
-  Refresh: Button to update tabs list

Installation

From Chrome Web Store

1. Go to Chrome Web Store
2. Search for "Volume Master"
3. Click "Add to Chrome"
4. Confirm installation

From Source Code

1. Download Repository

```
git clone https://github.com/your-username/volume-master.git
cd volume-master
```

2. Open Chrome Extensions

- Navigate to `chrome://extensions/`
- Enable "Developer mode"

3. Load Extension

- Click "Load unpacked extension"
- Select the extension folder




Usage

Main Functions




Volume Adjustment

1. **Slider:** Drag the slider to change volume
2. **Quick Buttons:** Click on desired volume percentage
3. **+/- Buttons:** Use for precise adjustment

Audio Mode Selection

-  **Default:** For regular browsing
-  **Voice:** For video calls and podcasts
-  **Bass:** For music and movies

Working with Tabs

-  **View:** All audio tabs are displayed automatically
-  **Switch:** Click on tab to navigate to it
-  **Refresh:** Press refresh button to update the list

💡 Usage Tips

🎧 For Better Audio Quality

- Use "Voice" mode for video conferences
- "Bass" mode is ideal for music and movies
- Don't exceed 300% unless necessary

⚡ Quick Shortcuts

- Click on extension icon for quick access
- Use quick buttons for instant setup
- Switch themes with one click

🔧 Development

📁 Project Structure

```
volume-master/  
├── 📄 manifest.json      # Extension configuration  
├── 🎨 popup.html         # Interface HTML  
├── 🎨 popup.css          # Interface styles  
├── ⚡ popup.js           # Interface logic  
├── 🔧 content.js         # Audio handling script  
├── 🖼️ background.js      # Background script  
└── 🖼️ icons/            # Extension icons
```

🔧 Technologies

- **HTML5** - Interface structure
- **CSS3** - Styles and animations
- **JavaScript (ES6+)** - Extension logic
- **Chrome Extension API** - Browser integration
- **Web Audio API** - Audio processing

🤝 Contributing

1. 🍴 Fork the repository
2. 🌿 Create a feature branch
3. 💾 Commit your changes
4. 📄 Submit a Pull Request

📊 Implementation Features

🎵 Web Audio API

- 🎧 **Audio Amplification**: Up to 600% of original level
- 🎛️ **Audio Effects**: Voice and bass filters

- ⚡ **Performance:** Optimized audio processing

Settings Storage

- ☁ **Chrome Storage:** Synchronization across devices
- 💾 **Auto-save:** Settings saved automatically
- ⚡ **Debouncing:** Prevention of excessive operations

Interface

- 📱 **Responsive:** Adaptive design
- 🌙 **Dark Mode:** Dark theme support
- ⚡ **Animations:** Smooth animations and transitions

Troubleshooting

? Frequently Asked Questions

Q: Audio doesn't amplify above 100%?

A: 🖱 Make sure you've interacted with the page (clicked on it). Web Audio API requires user interaction.

Q: Extension doesn't work on some sites?

A: 🔒 Some sites block external scripts. This is a browser security limitation.

Q: Settings don't save?

A: 💾 Check that Chrome extension settings synchronization is enabled.

License

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Author

Created with ❤ to improve audio experience in Chrome

🌟 If this extension helped you, give it a star!

Made with ❤

Chrome Extension