After Effects Extension - Button Functionality Analysis

Header Buttons

☑ **mascot-debug-btn** - Test Mascot Visibility (Working)

☑ **delete-cache-btn** - Delete Cache & Force Reload (Working)

☑ **command-menu-trigger** - Command Palette (Working)

Chat Area Buttons

✖ **voice-input-btn** - Voice to Text (No Implementation)

✖ **attach-file-btn** - Attach Image/File (No Implementation)

☑ **analyze-youtube** - Analyze YouTube Tutorial (Working)

☑ **send-button** - Send Message (Working)

Tab Navigation Buttons

☑ **tab-btn-script-library** - Script Library Tab (Working)

☑ **tab-btn-settings** - Settings Tab (Working)

☑ **tab-btn-chat-history** - Chat History Tab (Working)

☑ **tab-btn-saved-scripts** - Saved Scripts Tab (Working)

☑ **tab-btn-project-tools** - Project Tools Tab (Working)

☑ **tab-btn-ai-status** - AI Status Tab (Working)

☑ **bottom-panel-toggle** - Collapse/Expand Panel (Working)

Script Editor Toolbar

❌ **run-script** - Run Script (No Implementation)

❌ **apply-expression** - Apply Expression (No Implementation)

❌ **save-script-btn** - Save Script (No Implementation)

❌ **copy-script-btn** - Copy Script (No Implementation)

❌ **explain-script-btn** - Explain Script (No Implementation)

❌ **debug-script-btn** - Debug Script (No Implementation)

Settings Panel Buttons

✅ **compact-toggle-key** - Toggle API Key Visibility (Working)

✅ **compact-auto-detect** - Auto-Detect Provider (Working)

✅ **compact-test-connection** - Test Connection (Working)

✅ **compact-save-settings** - Save Configuration (Working)

Floating Mascot

❌ **mascot-mute-btn** - Mute/Unmute Assistant (No Implementation)

Summary

✅ **Working Buttons: 13**
❌ **Non-Functional Buttons: 9**
Total Buttons: 22

Functionality Rate: 59% (13/22)

Detailed Analysis

Working Button Categories:

- **Core Navigation:** All tab switching and panel controls work
- **Settings Management:** Complete API configuration system functional

- **Basic Chat:** Send messages and YouTube analysis work
- **System Operations:** Cache management and debugging tools work

Missing Functionality:

- **Script Editor:** No actual script execution, saving, or debugging
- **File Operations:** No file attachment or voice input
- **Audio Features:** Mascot audio controls not implemented

Priority for Implementation:

1. **High:** Script execution buttons (run-script, save-script-btn)
2. **Medium:** File attachment (attach-file-btn)
3. **Low:** Voice features (voice-input-btn, mascot-mute-btn)