

Test Case Template for Project

Project Name

Headphone with
detachable
microphone

Scenario TID	Scenario Description	Test Case ID
T01	Inspection of headphone with detachable microphone	1
T02	Inspection of headphone with detachable microphone	2
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Pre Condition	
Initial Inspection	Ensure the physical components of the headphone are intact.
Verify Microphone Detachment and Attachment	The headphone has detachable mircorphone
Verify proper funcitonality of Volume Control Buttons	Headphone has vloume buttons
Ensure Microphone On/Off Button are wroking properly	microphone has on/off switch functionality.
Ensure the quality of audio playback through the headphones.	Headphone outputs sound when music is played.
Test headphone compatibility with multiple devices.	Headphone can be connected to test devices.

Steps to Execute	Expected Result
<p>Inspect the headphone for any physical damage or defects.</p> <p>Verify the presence of the detachable microphone and control buttons (volume, mic on/off).</p> <p>Ensure the headphone fits correctly and comfortably.</p>	<p>All components are undamaged and present.</p> <p>The headphone is wearable and adjustable.</p>
<p>Attach the microphone to the headphone.</p> <p>Speak into the microphone and check the audio output on a paired device.</p> <p>Detach the microphone and try speaking into the device.</p>	<p>Audio is transmitted only when the microphone is attached.</p> <p>Detaching the microphone disables audio transmission from the microphone.</p>
<p>Play audio through the headphones.</p> <p>Press the "Volume Up" (+) button and observe changes in the sound level.</p> <p>Press the "Volume Down" (-) button and observe changes in the sound level.</p> <p>Test buttons in various environments (e.g., during calls, music playback).</p>	<p>Volume increases and decreases accurately without glitches.</p> <p>Button presses provide proper feedback.</p>
<p>Attach the microphone and set it to "On."</p> <p>Speak into the microphone and verify audio transmission.</p> <p>Press the microphone "Off" button and verify that audio transmission stops.</p> <p>Repeat steps with various audio input scenarios (e.g., calls, voice recordings).</p>	<p>The microphone transmits audio only when the "On" button is active.</p> <p>No audio is transmitted when the "Off" button is activated.</p>
<p>Play a variety of audio files (e.g., music, speech) through the headphones.</p> <p>Test at different volume levels, ensuring no distortion or lag.</p> <p>Test audio playback with and without the microphone attached.</p>	<p>Audio playback is clear and free from distortion at all volume levels.</p> <p>Playback quality is consistent regardless of microphone attachment.</p>
<p>Connect the headphone to devices such as a smartphone, laptop, and gaming console.</p> <p>Test audio playback, microphone functionality, and button controls on each device.</p> <p>Verify if the headphone switches seamlessly between devices.</p>	<p>The headphone is compatible with all tested devices.</p> <p>Controls and microphone work seamlessly across devices.</p>

Actual Result	Status	Priority
Headphone with detachable microphone is working properly.	Pass	P0
The microphone enables audio transmission when attached to headphone and detaching will disable this function.	Pass	P1
Pressing + button will increase volume, - button will decrease volume.	Pass	P2
Microphone works when button is set to on else it won't work.	Pass	P3
Headphone produces quality, original sound.	Pass	P4
Headphone and its microphone is compatible to all devices like phone, laptop, desktop, tablets, etc.	Pass	P5







