

Circuit Ready

Technology connectivity certification

The product

Logitech MeetUp

developed by Logitech has been certified
for Interoperability with Circuit Meeting Room
based on functional testing performed by Unify

Circuit Meeting Room OS V1R5.2.0 / Logitech MeetUp FW 1.10.60

Supported features: Video camera and with Circuit integration for mute and release

The test was conducted conforming to DIN EN ISO 9001. This certificate is only valid in conjunction with the full test report and the notes contained therein. The tests covered functional test and subjective acoustic test. **Please consider that the test report only covers the functionality of the interface.**

Munich, 07 May 2019



Functional Test Report

Circuit Meeting Room

with

Logitech MeetUp

Author:	Christian Kaehler
Version:	1.0
Status:	Released
Date:	07.05.2019

Table of Contents

1. Overview	3
1.1. Executive Summary	3
1.1.1. Basic Equipment	3
1.2. Test Strategy	3
1.3. Test Result Summary	3
1.3.1. Problems	3
1.3.2. Restrictions	3
1.3.3. Remarks	3
1.3.4. Setup	4
2. Test Results in Detail	5
2.1. Test cases	5
2.2. Remarks / Appendixes	6
3. Confirmation	7

History of Change

Version	Date	Description	Name
1.0	07.05.2019	Released	Christian Kaehler
0.1	25.04.2019	Draft	Christian Kaehler

1. Overview

1.1. Executive Summary

The functional tests were carried out at GVS (Global Vendor Support) test lab. The test cases are listed below. The test reports are automatically generated report.

1.1.1. Basic Equipment

Test environment	
Circuit	
Circuit Meeting Room OS	V1R5.2.0
Circuit Meeting Room Application	1.2.4801
Product FW	1.10.60

1.2. Test Strategy

The certification test performed for Product is focused on audio basic functionality for

video

audio

audio / video

The focus is on basic functionality and does not cover any quality measurements for audio or video streams. If additional features in the product are relevant for proper operation with Circuit Meeting Room then these are listed in the test cases.

1.3. Test Result Summary

For details please have a look at the test results

1.3.1. Problems

- In cases the DUT is disconnected from CMR or DUT is restarted, a reboot of the CMR is required for proper operation (this is in accordance to the administration manual but this problem is under investigation to improve overall stability and availability)

1.3.2. Restrictions

- With the tested SW/FW combination the CMR must not be configured for energy saving. The problem is under investigation
- Only USB2.0 connection must be used (either USB2.0 cable or USB2.0 port on Circuit Meeting Room on the rear side)

1.3.3. Remarks

- No remarks

1.3.4. Setup

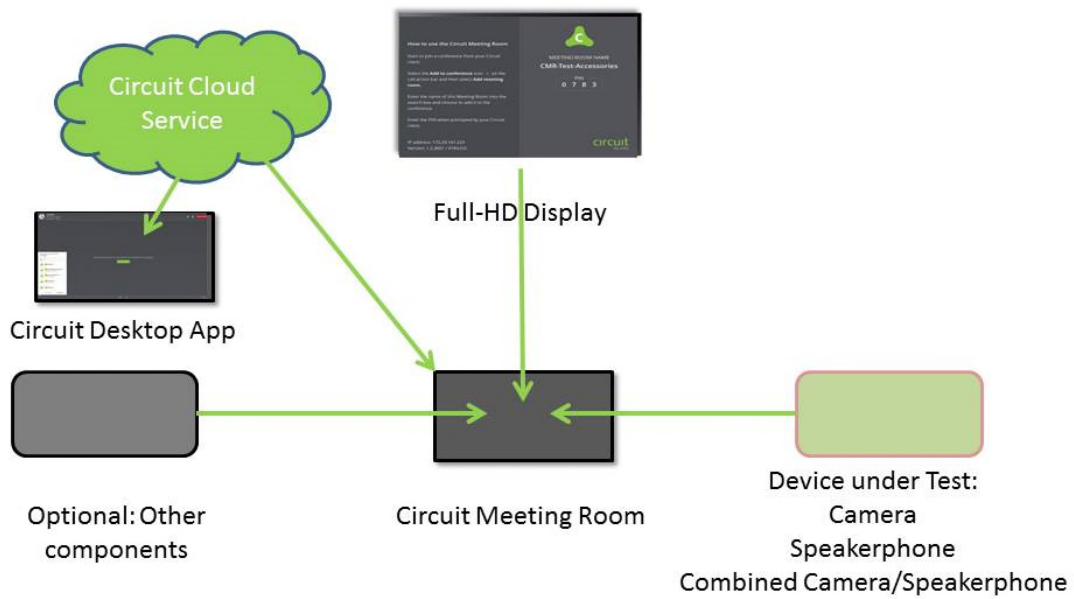


Figure 1: Logical Topology Diagram Circuit Meeting Room

Circuit Meeting Room is tested in standard configuration: Network connected via Gigabit Ethernet, output display on Full-HD capable display (single screen configuration), for speakerphones a standard web cam is connected (and vice versa) to complete the configuration. Circuit public cloud service is used for operation.

Test Results in Detail

1.4. Test cases

Key	Test Description	Result	Comment
DTHSFT-3991	Connection via USB	Passed	<p>Connected via USB2.0</p> <p>Note: Connection via USB3.0 is not supported on CMR</p> <p>Detected as "Logitech MeetUp" (Video) and "Logitech MeetUp Speakerphone" (Audio)</p> <p>Note: When DUT is disconnected and reconnected or powered down / powered up whilst CMR is in idle operation, the DUT does perform an calibration when the first conference call starts.</p> <p>Note: Mute / Release sync is not working properly in some cases when disconnecting / reconnecting DUT whilst CMR is in idle status. In these cases Circuit cannot unmute CMR when joining muted (Domain setting).</p> <p>In general we recommend to first power up and connect peripheral devices and startup CMR afterwards</p>
DTHSFT-3993	Conference: Audio input	Passed	
DTHSFT-3992	Conference: Audio output	Passed	
DTHSFT-3994	Conference: Video input	Passed	1920*1080p with 30fps
DTHSFT-3996	Conference: Audio mute (local)	Passed	Via remote control
DTHSFT-3995	Conference: Video output	Invalid	
DTHSFT-3997	Conference: Mute sync with Circuit	Passed	

Key	Test Description	Result	Comment
DTHSFT-3998	Conference: Release from conference (sync with Circuit)	Passed	Via remote control
DTHSFT-4001	Telephony - interaction	Invalid	
DTHSFT-4000	Power saving	Failed	Sometimes microphone not active after resume / Circuit sync broken. Audio is played out correctly. CMR energy saving must not be activated when using this SW/FW combination. Problem is under investigation
DTHSFT-3999	Connection and features via BT	Passed	Call established via BT: USB call via CMR gets precedence (BT only becomes active again for the next BT call). If call via USB (CMR) is already established no call via BT is possible
DTHSFT-4205	Conference: Long duration call	Passed	
DTHSFT-4206	Conference: Manual testing - mixed scenarios	Passed	

1.5. Remarks / Appendixes

Explanation of acronyms:

CMR	Circuit Meeting Room
DUT	Device Under Test
INVALID	Test NOT applicable as not supported by DUT
FAILED	Test case NOT successful
PASSED	Test case successful

2. Confirmation

Testing personnel confirms that the test cases in chapter 0 were performed and that the results were as described in this document.

Date	Date
Name, Company	Name, Company