

Circuit Ready

Technology connectivity certification

The product

Logitech Group

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

Circuit Meeting Room OS V1.R5.2.0 / Logitech Group FW 9.2.45

Supported features: Video camera and speakerphone with Circuit integration

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 Group

Author:	Christian Kaehler
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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	1.2.4800
Product FW	9.2.45

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.

1.3.3. Remarks

- No remarks

1.3.4. Setup

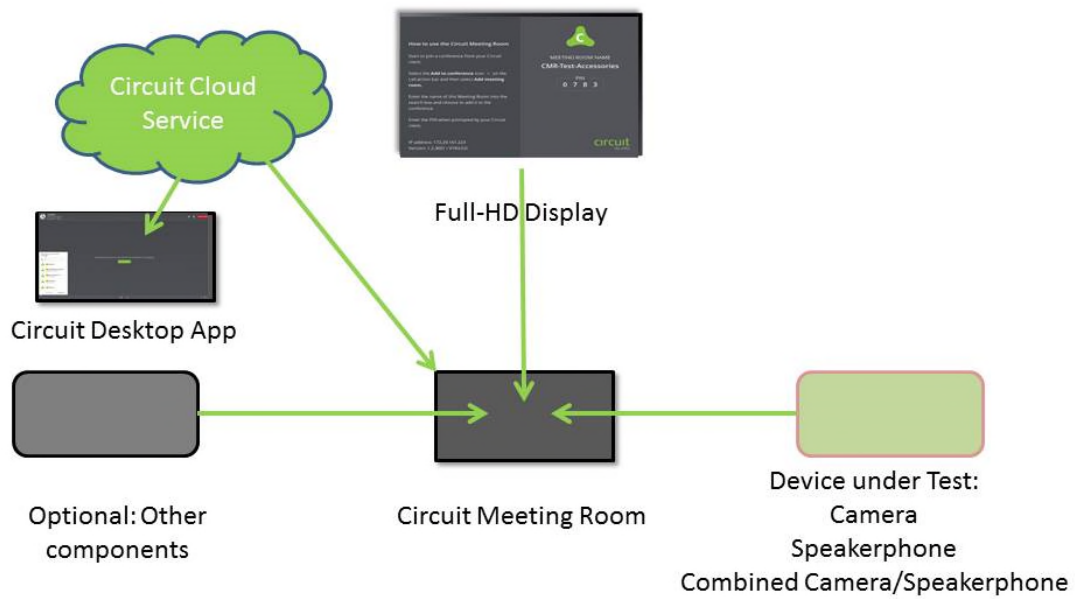


Figure 1: Logical Topology Diagram Circuit Meeting Room

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-3979	Connection via USB	Passed	Connected via USB.20 Detected as "Logi Group Camera" (Video) and "Logi Group Speakerphone" (Audio) Restriction: A reboot of Circuit Meeting Room is required when the USB connection was disconnected or DUT was restarted.
DTHSFT-3982	Conference: Video input	Passed	1920*1080p with 30fps
DTHSFT-3981	Conference: Audio input	Passed	
DTHSFT-3980	Conference: Audio output	Passed	
DTHSFT-3984	Conference: Audio mute (local)	Passed	Mute sync with Circuit is supported
DTHSFT-3985	Conference: Mute sync with Circuit	Passed	
DTHSFT-3983	Conference: Video output	Invalid	
DTHSFT-3988	Power saving	Failed	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-3987	Connection and features via BT	Passed	USB connection (Circuit Meeting Room) takes precedence over BT connection
DTHSFT-3986	Conference: Release from conference (sync with Circuit)	Passed	
DTHSFT-3989	Telephony - interaction	Invalid	

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