Circuit Ready

Technology connectivity certification

The product

TeamConnect Wireless

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

Circuit Meeting Room OS V1R7.0.2 / TeamConnect Wireless FW 6.04

Supported features: 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, 22 April 2020

Functional Test Report

Circuit Meeting Room

With

Sennheiser TeamConnect Wireless

Author:	Christian Kaehler
Version:	1.0
Status:	Released
Date:	22.04.2020

Table of Contents

History of Change

Version	Date	Description	Name
1.0	22.04.2020	Released	Christian Kaehler
0.1	25.02.2020	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 Meeting Room OS	V1R7.0.2
Circuit Meeting Room Application	1.2.7401
Sennheiser TeamConnect Wireless FW	6.04

1.2. Test Strategy

The certification test performed for Sennheiser TeamConnect Wireless 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

- No problems

1.3.2. Restrictions

- No restrictions

1.3.3. Remarks

- When the DUT has entered sleep mode (after 60 minutes with tested FW), Circuit Meeting Room will present a message on the idle screen indicating no audio device is available. In order to resume, touch one of the satellites (details see TCW manual) and wait until the message on Circuit Meeting Room is cleared before joining it into a conference.
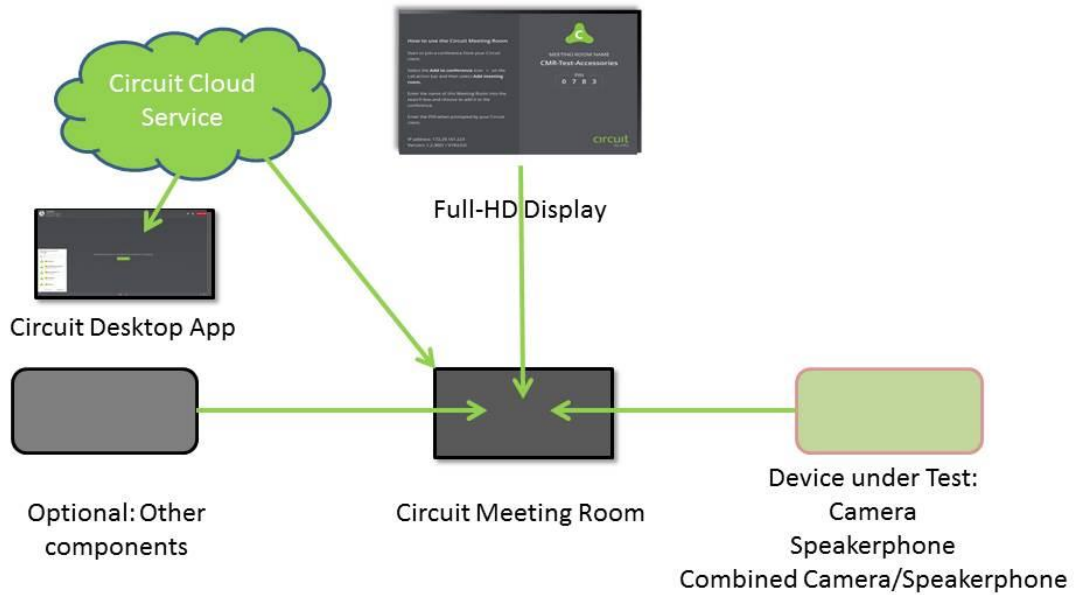
1.3.4. Setup

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 cloud service is used for operation.

Test Results in Detail

1.4. Test cases

Key	Test Description	Result	Comment
DTHSFT-5068	Connection via USB	Passed	Connected via USB3 Detected as TC-W_serialnumber
DTHSFT-5069	Conference: Audio output	Passed	
DTHSFT-5070	Conference: Audio input	Passed	
DTHSFT-5071	Conference: Video input	Invalid	
DTHSFT-5072	Conference: Audio mute (local)	Invalid	Circuit supports synchronization with DUT
DTHSFT-5073	Conference: Mute sync with Circuit	Passed	
DTHSFT-5074	Conference: Release from conference (sync with Circuit)	Invalid	DUT does not provide release key
DTHSFT-5075	Connection and features via BT	Passed	BT and USB calls are supported in parallel. DUT does provide local audio mixing
DTHSFT-5076	Power saving	Passed	Test also covers sleep mode of DUT
DTHSFT-5077	Telephony - interaction	Invalid	
DTHSFT-5078	Conference: Long duration call	Passed	
DTHSFT-5079	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