

SL Mic Hub 1

Microphone Hub

FEATURES

- Can connect up to 4 microphones
- Can connect mute and hook switch
- Plug & play connection
- Bundles up to 4 audio signals into a standard Cat5 cable
- Distributes logic signals to TeamConnect
- Combox
- Can be cascaded



The **SL Mic Hub 1** simplifies the cabling for integrated audio conference systems. It reduces the amount of cables that have to be integrated by a significant amount by bundling up the audio signals into a single Cat 5 cable.

ARCHITECT'S SPECIFICATION

A microphone hub for connecting up to four Sennheiser SpeechLine microphones and bundling the microphone cables into one, thus significantly reducing the amount of cables required in a TeamConnect conferencing system. Audio signals from the SpeechLine microphones shall be distributed from the hub to the TeamConnect central unit via a single Cat5 cable while logic signals shall be sent directly from the hub to the TeamConnect combox using a 6-wire cable with a 6-pin terminal connector on each end. The hub shall be "plug and play" without the need for an external power supply. The hub shall feature four microphone inputs (5-pin terminal) and an audio output (RJ-45) for connecting to the TeamConnect central unit. The pin allocation of the microphone inputs shall be as follows: pin 1: microphone mute control, pin 2: microphone mute status, pin 3: ground, pin 4: audio +, pin 5: audio -. The hub shall be equipped with two GPIO ports (6-pin terminal): one for connecting to the TeamConnect combox and one for either daisy-chaining a second hub or for connecting an external hook button.

The pin allocation of the GPIO ports shall be as follows: pin 1: microphone mute control, pin 2: microphone mute status, pin 3: on/off hook control, pin 4: on/off hook status, pin 5: 5 V DC power supply, pin 6: ground. The hub shall also have one 7-pin terminal for connecting a global mute button, which shall add a mute capability to Sennheiser in-table mics without mute button. If more than one global mute button is used, they shall be connected in parallel to the same 7-pin terminal and an external 5 V DC power supply must be connected to pin 6 and 7. The pin allocation of the 7-pin terminal shall be as follows: pin 1: 5 V DC power supply (DC OUT), pin 2: microphone mute control, pin 3: red LED, pin 4: green LED, pin 5: ground, pin 6: 5 V DC power supply (DC IN, not used), pin 7: ground (not used).

The microphone hub shall be the Sennheiser SL MIC HUB 1.

SPECIFICATIONS

| | |
|-------------------|--------------------------|
| Housing | metal |
| Dimensions | 144 x 76,3 x 31,5 mm |
| PORTS | |
| 4x Mic | 5-pin terminal connector |
| 2x Connect/Status | 6-pin terminal connector |
| 1x Mute | 7-pin terminal connector |
| 1x Audio | RJ-45 |

POWER SUPPLY

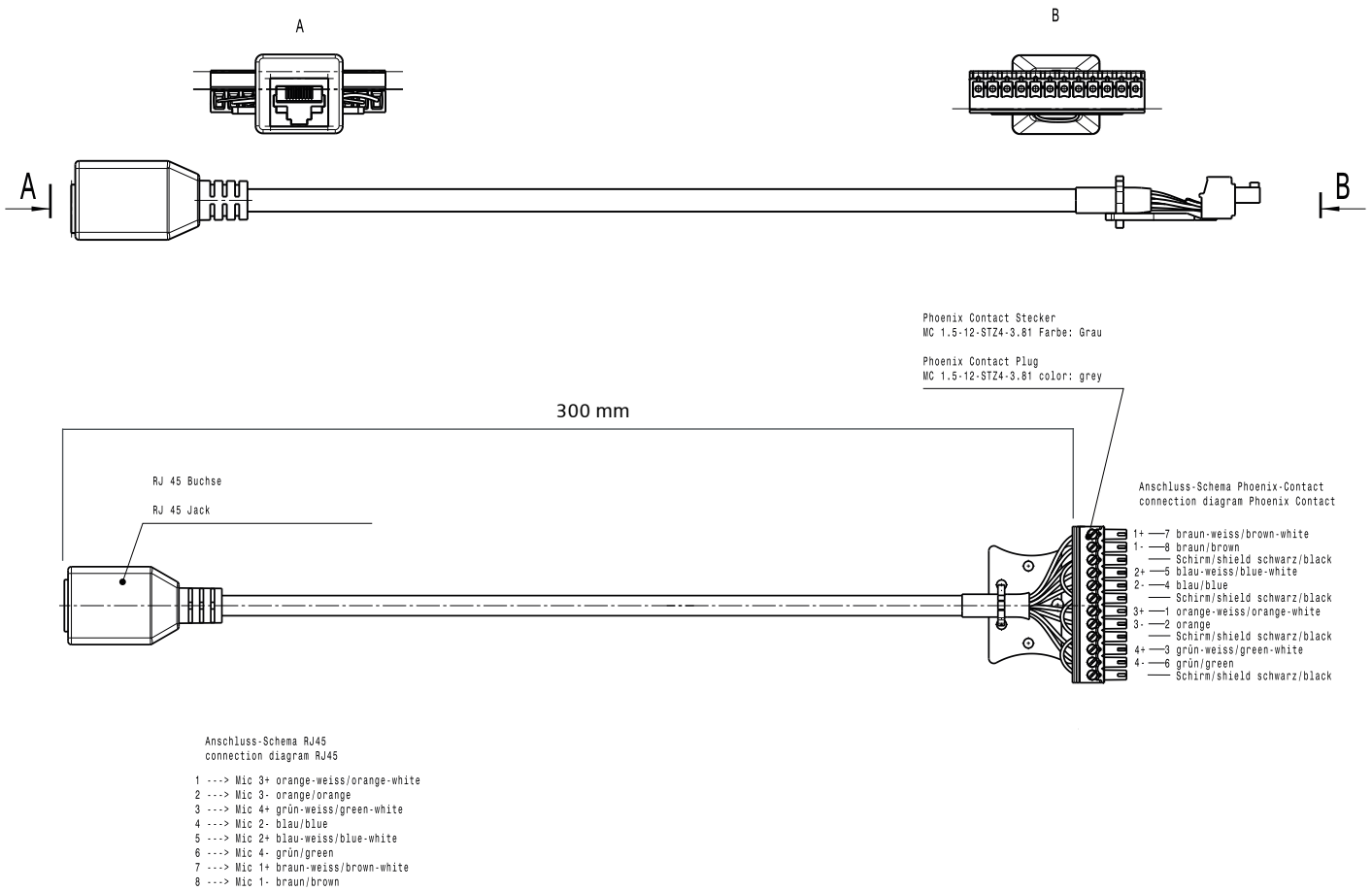
The SL Mic Hub 1 is connected to the TeamConnect Combox CB1 via a 6-pin terminal connector cable. The Combox delivers the necessary power supply to operate the bi-color status LEDs of the mute button MAS 1 TC and the hook button MAS 2 TC.

The Combox supplies sufficient power for up to 5 MAS 1/2 buttons. If you want to use more than 5 buttons in your setup, you need to connect an external power supply (5 V, >100 mA, recommended Sennheiser Power supply Art.-No. 534480) to pin 6 and 7 of the MUTE socket.

DELIVERY INCLUDES

- 1 SL Mic Hub 1
- 1 Control cable 3 m, 6-pin / 6-pin Terminal connector
- 1 Adapter cable 30 cm, RJ 45 / 12-pin Terminal connector
- 1 Quick Guide
- 1 Safety Guide

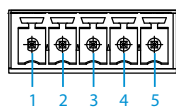
DIMENSIONS



SL MIC HUB 1

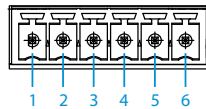


MIC 1 - MIC 4 sockets



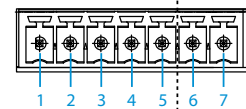
- 1 mute
- 2 mute status
- 3 ground
- 4 audio +
- 5 audio -

CONTROL / STATUS sockets



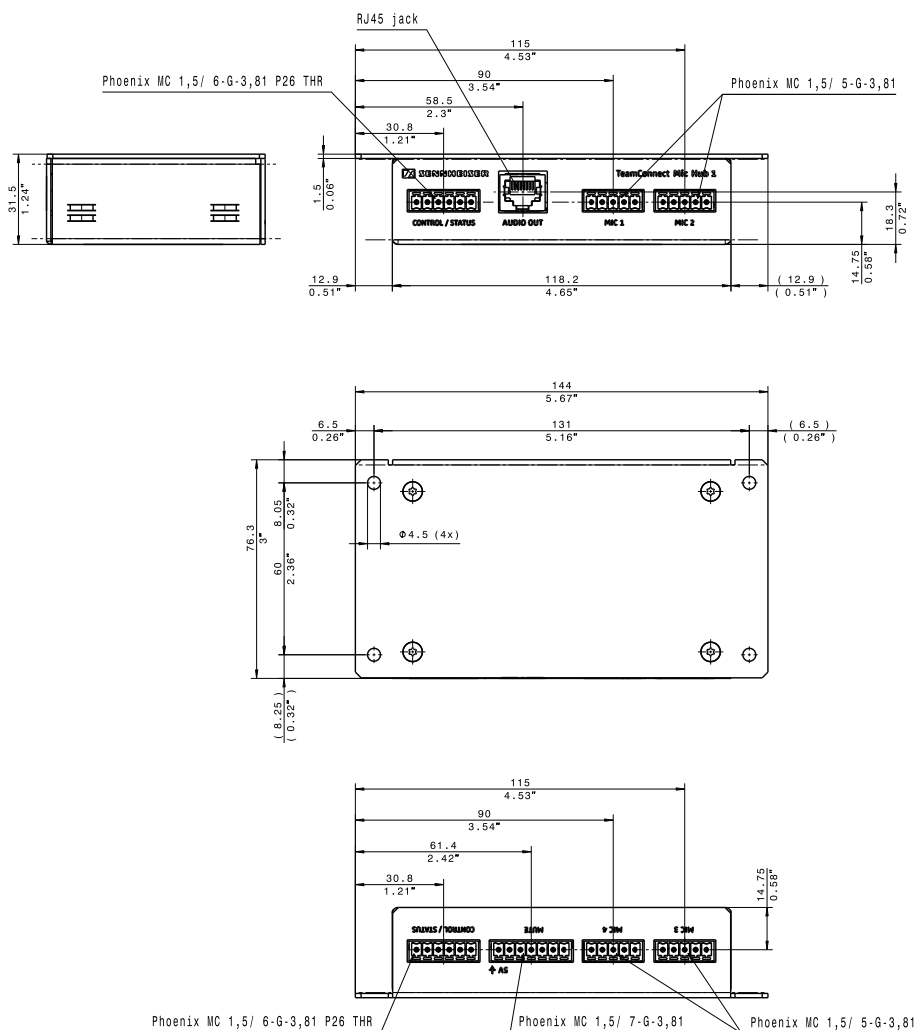
- 1 mute
- 2 mute status
- 3 hook
- 4 hook status
- 5 +5V
- 6 ground

MUTE socket



- 1 +5V out
- 2 mute
- 3 red
- 4 green
- 5 ground
- 6 +5V in
- 7 ground

DIMENSIONS



RECOMMENDED ACCESSORIES

| | | | |
|----------------|-----------------|-----------------------|-----------------|
| MEB114-S TC B | Art. No. 506600 | MAS 1 TC B | Art. No. 506722 |
| MEB114-S TC W | Art. No. 506601 | MAS 1 TC W | Art. No. 506723 |
| MEB114-S TC G | Art. No. 506602 | MAS 1 TC G | Art. No. 506724 |
| MEB104-L TC B | Art. No. 506730 | MAS 2 TC B | Art. No. 506603 |
| MEB 104-L TC W | Art. No. 506765 | MAS 2 TC W | Art. No. 506604 |
| MEB 104-L TC G | Art. No. 506766 | MAS 2 TC G | Art. No. 506605 |
| MEB 102-L TC B | Art. No. 506729 | TeamConnect System EU | Art. No. 506235 |
| MEB 102-L TC W | Art. No. 506763 | TeamConnect System UK | Art. No. 506236 |
| MEB 102-L TC G | Art. No. 506764 | TeamConnect System US | Art. No. 506237 |