



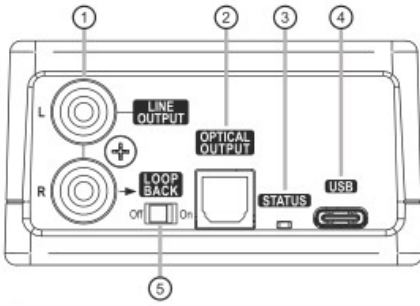
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***AUDIOTECH FISCHER AMITUNINGKIT Audio Measurement
Interface Tuning Kit User Guide***

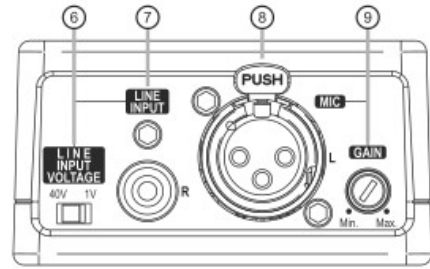
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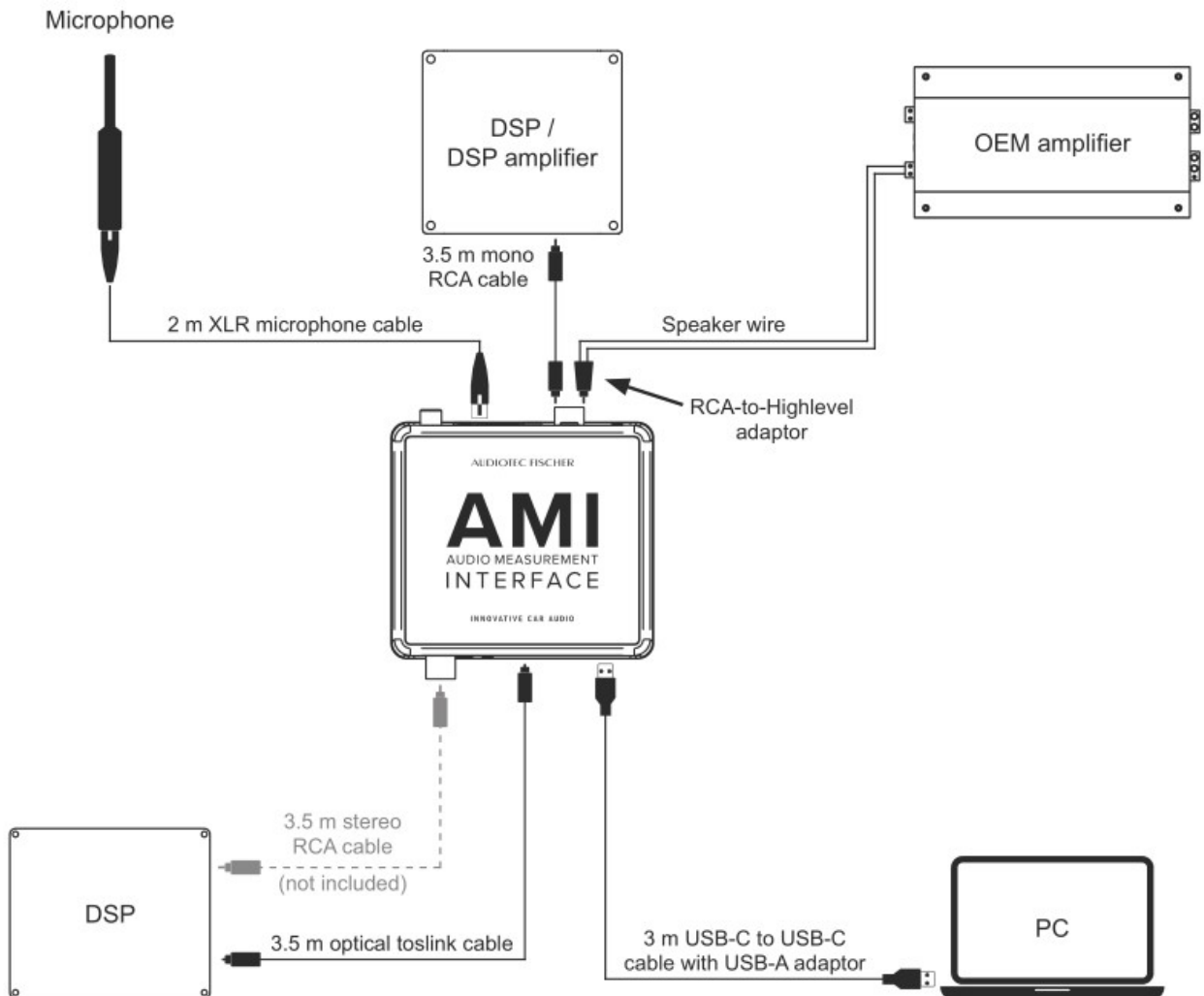
Connectors and control units



- ① **Line output**
Stereo line outputs for analog playback into the DSP.
- ② **Optical output**
Optical, SPDIF stereo output for digital playback into the DSP.
- ③ **Status LED**
Indicates a successful connection to the PC.
- ④ **USB-C input**
Acts as the PC audio interface and powers the device.
- ⑤ **Loopback switch**
Feed the right analog line output back to the right analog line input to perform loopback measurements.



- ⑥ **Line input (R) voltage switch**
Switch for adjusting the maximum input sensitivity of the line input (R).
1 V: for AISA measurements
40 V: for measuring highlevel signals
- ⑦ **Line input (R)**
Input for connecting an RCA output signal from a DSP for AISA measurements (1 V) or for connecting a high-level signal (40 V).
- ⑧ **Microphone input (L)**
For connecting a condenser measurement microphone with phantom power.
- ⑨ **Gain control**
Control for adjusting the input sensitivity of the microphone input (L).



Technical data

AMI

Inputs

1 x Microphone input
1 x Line input

Microphone input specification

Frequency response: 12 Hz - 44 kHz (+/-1 dB)
Dynamic range: 95 dB (A-weighted)
Input sensitivity: 5 - 200 mV
Phantom power: Yes (24 Volts)

Line input specification

Frequency response: 8 Hz - 44 kHz (+/-1 dB)
Dynamic range: 101 dB (A-weighted)
Input sensitivity: max. 1 V / max. 40 V
Input impedance: 10 kOhms

Outputs

2 x Line output
1 x Optical output (SPDIF)

Line output specification

Frequency response: 7 Hz - 44 kHz (+/-1 dB)
Dynamic range: 100 dB (A-weighted)
Maximum output voltage: 900 mV (RMS)
Minimum load: 5 kOhms
Loopback function: Yes

General specification

Audio sampling rate: 96 kHz / 32 Bit
USB power consumption: max. 250 mA
Supported operating systems: Windows, macOS, iOS and Android

Microphone

Transducer principle

Condenser (back-electret)

Operating principle

Pressure receiver

Frequency response

20 – 20,000 Hz (50 – 16,000 Hz \pm 1.5 dB), diffuse-field equalized

Polar pattern

Omnidirectional

Sensitivity (0 dB = 1 V/Pa)

15 mV/Pa (= -36.5 dBV) \pm 1 dB

Nominal impedance

160 Ω

Nominal load impedance

\geq 2.2 k Ω

Maximum SPL (Sound Pressure Level)

122 dB SPL at f = 1 kHz, k = 1%, R_L = 2.2 k Ω

Signal-to-Noise Ratio (related to 1 Pa)

> 57 dB

A-weighted Equivalent Noise Level

Approx. 26 dB(A)

Power Supply

12 – 48 V phantom power

Current Consumption

Approx. 1.9 mA

Output

Electronically balanced

Scope of delivery

- 1 x AMI (Audio Measurement Interface)
- 1 x Beyerdynamic MM1 microphone
- 1 x Microphone holder for tripod
- 1 x RCA-to-Highlevel adaptor
- 1 x USB 3.0 flash drive with DSP tuning tracks
- 1 x 3.0 m / 9.85' USB-C to USB-C cable with USB-A adaptor
- 1 x 3.5 m / 11.50' optical toslink cable
- 1 x 3.5 m / 11.50' mono RCA cable
- 1 x 2.0 m / 6.56' XLR microphone cable

FOR A DETAILED
INSTRUCTION MANUAL



SCAN THIS CODE
or visit
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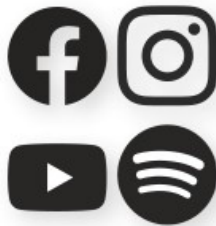
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Audiotec Fischer GmbH

Hünegräben 26 – 28 · 57392 Schmallenberg · Germany

Tel.: +49 2972 9788 0 · Fax: +49 2972 9788 88

E-mail: contact@audiotec-fischer.com · Internet: www.audiotec-fischer.com

Warranty disclaimer

The warranty service is based on the statutory regulations. Defects and damage caused by overload or improper handling are excluded from the warranty service. Any return can only take place following prior consultation, in the original packaging together with a detailed description of the error and a valid proof of purchase.

Technical modifications, misprints and errors excepted! For damages on the vehicle and the device, caused by handling errors of the device, we can't assume liability.

Correct disposal of this product



This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Follow local rules and never dispose of the product with normal household waste. Correct disposal of old products helps prevent negative consequences for the environment and human health.

Regular notes



This product has been issued a CE marking. This means that the device is certified for use in vehicles within the European Union (EU).





This product has been issued an UKCA marking. This means that the device is certified for use in vehicles within the United Kingdom.



This product has been issued an EAC marking. This means that the device is certified for use in vehicles within the Eurasian Customs Union.

Documents / Resources

	<p>AUDIOTEC FISCHER AMITUNINGKIT Audio Measurement Interface Tuning Kit [pdf] User Guide</p> <p>AMITUNINGKIT, AMI TUNING KIT, AMITUNINGKIT Audio Measurement Interface Tuning Kit, AMITUNINGKIT, Audio Measurement Interface Tuning Kit, Measurement Interface Tuning Kit, Interface Tuning Kit, Tuning Kit, Kit</p>
	<p>AUDIOTEC FISCHER AMITUNINGKIT Audio Measurement Interface Tuning Kit [pdf] User Guide</p> <p>AMI, AMI, AMITUNINGKIT Audio Measurement Interface Tuning Kit, AMI TUNINGKIT, Audio Measurement Interface Tuning Kit, Measurement Interface Tuning Kit, Interface Tuning Kit, Tuning Kit, Kit</p>

References

- [User Manual](#)

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◆ AMI TUNING KIT, AMITUNINGKIT, AMITUNINGKIT Audio Measurement Interface Tuning Kit, Audio Measurement Interface Tuning Kit, AUDIOTEC FISCHER, Interface Tuning Kit, Kit, Measurement Interface Tuning Kit, Tuning Kit

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