

LINDEMANN.

musicbook:55

Listen. Relax. Enjoy.

User manual

Welcome |

Congratulations on your purchase of this device and thank you for choosing a LINDEMANN product. We hope you enjoy listening to music during long evenings with your favorite recordings. With the musicbook series, you have chosen one of the most technologically advanced and best-sounding audio systems. We develop and manufacture our equipment in Germany and have put all our passion and over 20 years of experience into this extraordinary product that leaves no wishes unfulfilled in terms of sound quality. Discover a new quality of music reproduction that easily fills large rooms and puts singers within reach in your living room. Enjoy listening!

Your LINDEMANN team

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This product complies with the directives 2006/95/EC (Low Voltage Directive), 2004/108/EC (EMC Directive), and 2009/125/EC (ErP Directive).

Important safety information |

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Read this user manual carefully.

Carefully observe all **NOTES**. The manual is designed to help you to properly use your new Lindemann product so that you can enjoy all its features. Keep this user manual for future reference.

- Before connecting the device, check to see if your power supply matches the values specified on the type plate. The type plate is located on the bottom of the device.
- When connecting the device, use the included power cord or another appropriate power cord. Operation without protective grounding is not permitted and is dangerous.
- Connect the device with a proper power socket and route the cable so that it cannot be crushed or kinked. Make sure that the power cord remains undamaged and constantly accessible.
- To prevent fire or electric shock, do not expose this device to rain or moisture. The device must not be operated outdoors. Protect the product from dripping or splashing fluids, and do not place any objects filled with water (such as vases) on the product or in its vicinity. As with all electronic devices, liquids should never be allowed to penetrate into product.
- Do not make any changes to the product or its accessories. Unauthorized changes may compromise safety, regulatory compliance, and proper function of the device. The warranty is voided in such cases.
- Do not expose the device or the IR remote control to extreme heat, including direct sunlight and fire. Allow waste heat generated during operation to dissipate freely. Never operate the device in closed cabinets or near heat sources such as radiators or stoves.
- Set up the device so that the back of the device with the power switch is always accessible. Do not use this device unattended. If you will not be operating the device for an extended period of time, turn it off using the power switch on the back or unplug the power cord. If you notice smoke or a burning smell during operation, discontinue using the device immediately by turning off or unplugging the power cable from the power socket.
- To clean the device, unplug the power cord and clean the surface with a dry cloth or with a little glass cleaner. Make sure that the device is completely dry before you reconnect it with the power cord. Never use solvents (such as acetone or lacquer thinner) to clean the device.
- Have repair and maintenance work performed by qualified customer service personnel only. Do not try to repair the device yourself. Do not remove or open the device cover; otherwise, you could come into contact with dangerous voltages or be exposed to other hazards. Contact your Lindemann dealer or Lindemann audiotechnik directly to receive qualified customer service.
- Electronic equipment is not household waste but must be disposed of properly in accordance with Directive 2002/96/EC on electrical and electronic waste. At the end of its useful life, dispose of this device at a designated public collection point.

Scope of delivery |



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- ⋮ musicbook:55 Class-D power amplifier. The musicbook:55 is a Class-D power amplifier for operating loudspeakers.

Power cord

- ⋮ Power cord with two-pin grounded plug (2 m) for connecting to the power socket.

Front view |

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Rear view

Balanced (XLR) and unbalanced (RCA) inputs for connecting a network player or USB DAC. Non-magnetic, gold-plated RCA sockets for optimum signal transfer. Note: The inputs cannot be used simultaneously.

Loudspeaker ports for connection of the power amplifier to the speakers. We recommend the use of speaker cables with hollow safety plugs (4 mm diameter).

Power switch for completely disconnecting the musicbook:55 from the power supply.



Use left channel input for Mono operation!
 0 = reserved
 1 = Stereo
 2 = Mono Bi-Amp
 3 = Mono Bridge

Input selector
 Set the toggle switch to the desired input (XLR balanced or RCA unbalanced).

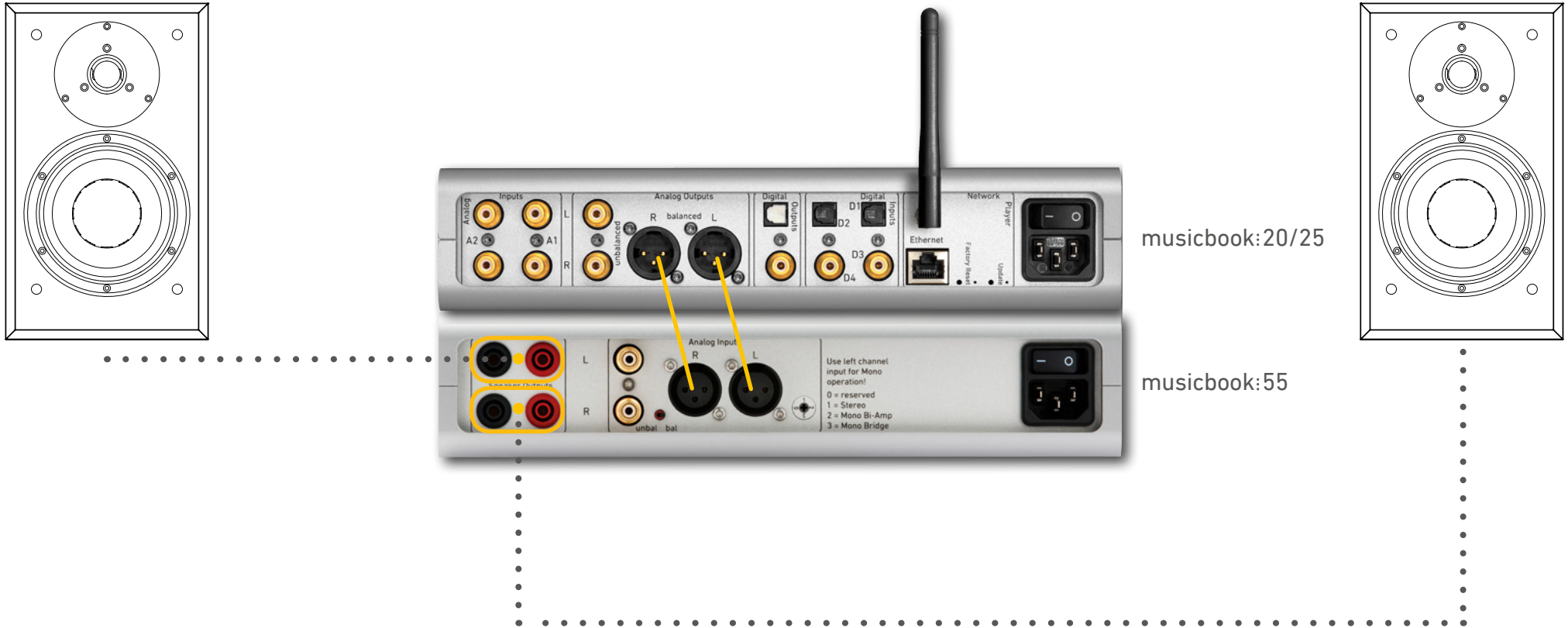
IEC power connector for connecting to the power supply.

Mode selector This switch is used to select the stereo, mono bi-amping or mono bridge mode. Note: The speaker cables must be configured according to the desired operating mode.

Stereo Operation

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+ passive loudspeakers

musicbook:55



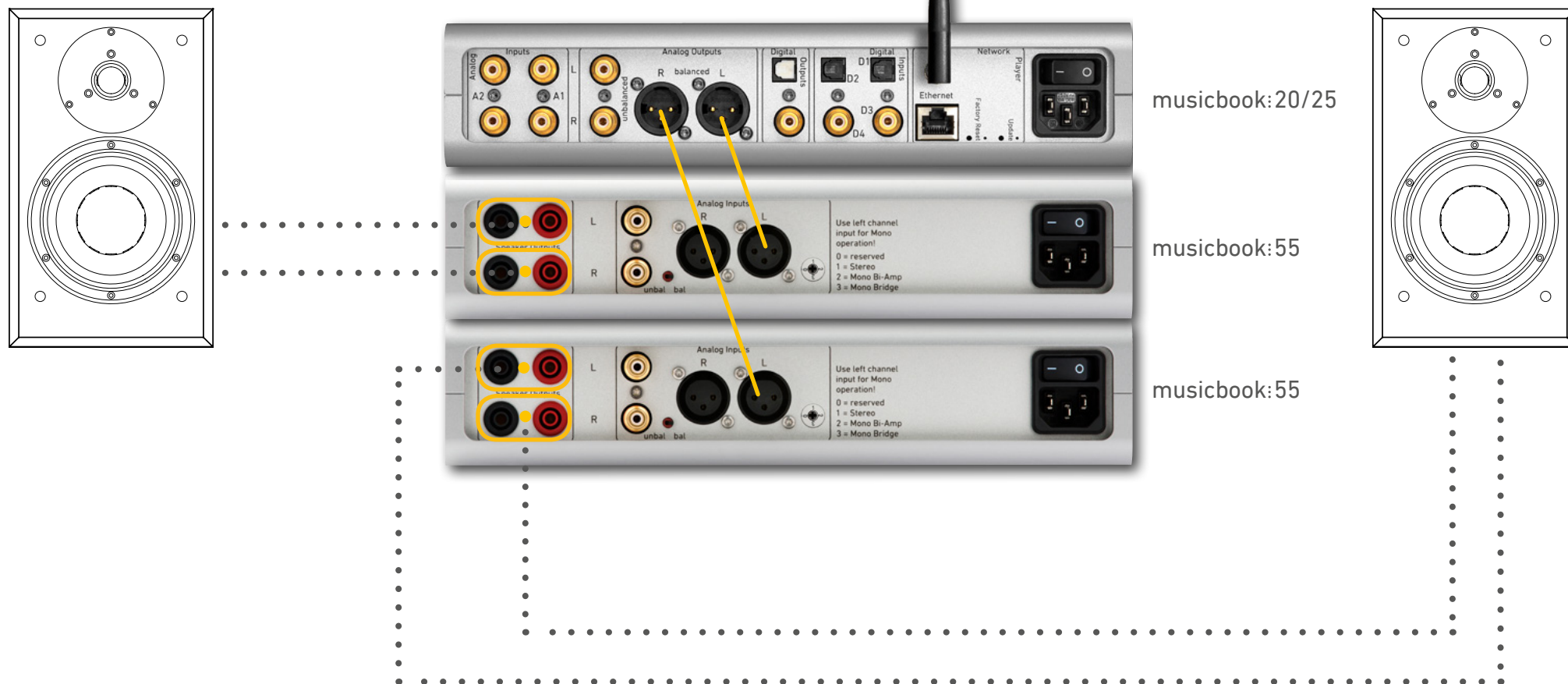
Stereo mode:

Set the mode selector to **position "1"**, stereo mode. Connect the right source output with the right power amp input and the left source output with the left power amp input. Set the input selector to the corresponding position (XLR input or RCA input). Note:

The inputs cannot be used simultaneously! Connect the right speaker output with your right loudspeaker and the left speaker output with your left loudspeaker.

Mono-Bi-Amping-Operation

2x musicbook:55 with musicbook:20/25
+ passive loudspeakers



Mono bi-amping mode:

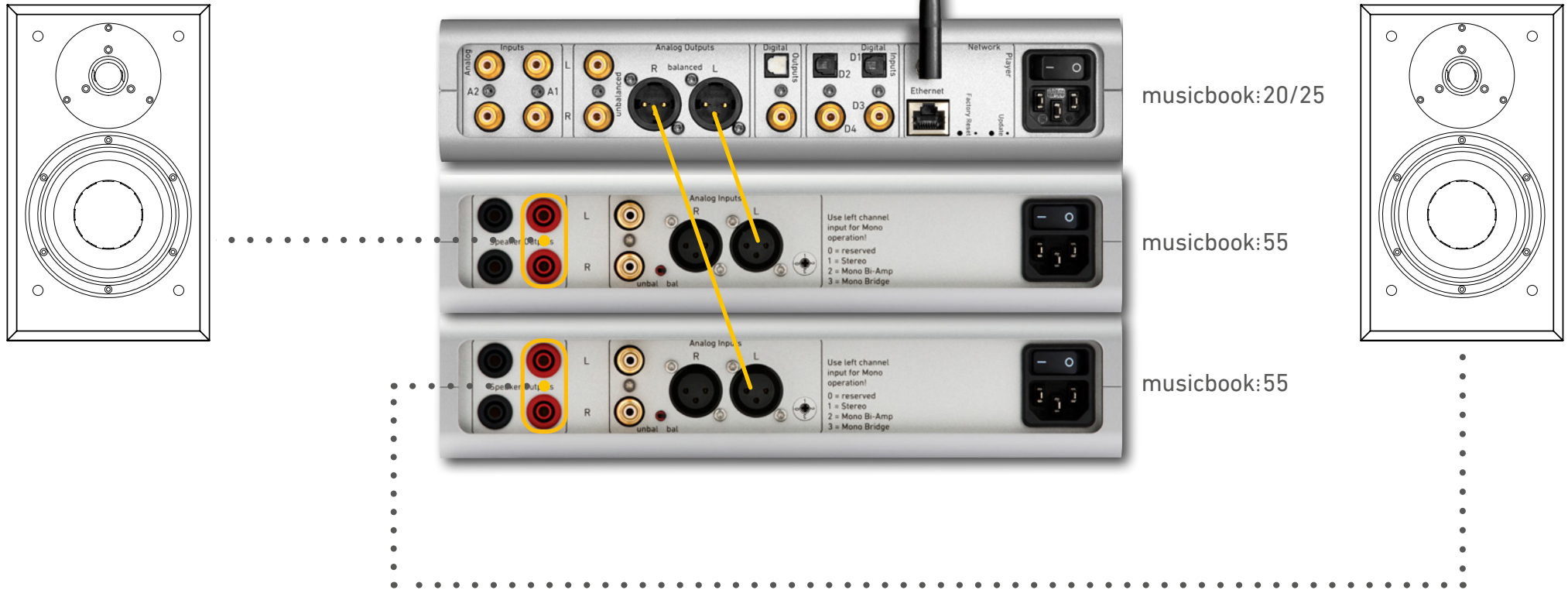
Each channel is driven by its dedicated power amplifier which is run in mono mode. Set the mode selector to position "2", mono bi-amping mode. Connect both the right and the left source outputs with the left power amp input for the corresponding channel. In mono mode only the left input of the power amp is used! Set the input selector to

the corresponding position (XLR input or RCA input). Now connect the outputs pairwise with the bi-wiring terminals of your loudspeaker. Each terminal pair of the loudspeaker is now driven by its own power amp.

Mono-Bridge-Operation

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+ passive loudspeakers

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Mono bridge mode:

Each channel is driven by its dedicated power amplifier which is run in mono mode. Set the mode selector to position "3", mono bridge mode. Connect both the right and the left source outputs with the left power amp input for the corresponding channel. In mono mode only the left input of the power amp is used! Set the input selector to the corresponding position (XLR input or RCA input). Connect the right speaker output with

your right loudspeaker and the left speaker output with your left loudspeaker. Note: in bridge mode the upper (left-hand) red connector becomes the positive output and the lower (right-hand) red connector becomes the negative output. Thus the loudspeaker hangs between the two power amps in a "push-pull operation mode".

Technical specifications of the musicbook:55 |

Overview |

Automatic signal detection

The musicbook:55 is equipped with intelligent consumption management. Immediately after the amplifier is switched on, it goes into idle mode. When a music signal is detected on the input, the amplifier switches from idle mode to active mode. If no music is played for 30 min., the amplifier switches back to idle mode. After an additional 30 min. without music (a total of 60 min.), the amplifier switches into standby mode (0.5 W consumption).

Circuitry principle

Fully balanced stereo power amplifier in Class-D technology based on a circuit concept protected by several patents, the UCD amplifier. With all-discrete circuitry and careful fine-tuning, the technology fulfills its full sonic potential. Highly detailed and dynamic, forceful and with the finest resolution of high tones. Extremely low power consumption and low heat generation due to high efficiency. The ideal amplifier for easy listening in normal residential spaces.

Technical specifications of the musicbook:55 |

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Detailed technical specifications
(measuring conditions: 230 V, 50 Hz, 20°C) |

- **Supply voltage range:** 90–264 V, 50–60 Hz.
- **Dimensions:** 280 x 220 x 65mm (W x D x H).

(Subject to technical changes! Measurement data are typical values.)

Protection circuits

- **Direct current (DC) on the output:** Power supply switches off.
- **Excess temperature:** Amplifier mutes until the temperature drops by about 10°C.
- **Output current limit:** Amplifier mutes for about 0.25 s.
Switching threshold 16 A peak. In case of persistent overload, the amplifier switches on and off several times in succession.

Automatic switching

- **Switching threshold of input signal:** approx. 0.5 mV.
- **Idle mode:** Power supply switched on, amplifier switched off.
Consumption 1 W.
- **Standby mode:** only the standby power supply is active. Consumption 0.5 W.
- **Active mode:** Power supply and amplifier switched on. Consumption depending on volume averages 20–50 W, 800 W maximum in peaks.
- **Switch-on times:** approx. 2 s from idle to active mode; approx. 8 s from standby to active mode.
- **Switch-off times:** after 30 min. the amplifier returns to idle mode, and after another 30 min. it switches to standby mode.

- **Weight:** 3.7 kg.
- **Power consumption:** Power consumption: 0.5 W standby mode, 1 W idle mode, 800 W maximum.

Power amplifiers

- **XLR inputs:** analog line-level inputs with an input impedance of 20 kilohms.
- **RCA inputs:** analog line-level inputs with an input impedance of 10 kilohms.
- **Loudspeaker outputs:** Hollow safety plugs (4 mm) for connecting loudspeakers with 4–8 ohms.
- **Power output:** 240 W into 4 ohms per channel (< 1 min.).
- **Maximum output current:** 16 A peak.
- **Gain:** 27.8 dB (24.5 times).
- **Frequency response:** 0–45 kHz (–3 dB).
- **THD & noise:** < 0.05% typ.

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