

Wired High-End Full Function Digital Conference System

Chairman&Delegate Units

Model: NL-COM1D & NL-COM1C & NL-COM1S



SUMMARY

- This is a new intelligent full-function digital conference system, which perfectly introduces all digital technology and integrated network technology into the conference system, and fully combines advanced digital technology, network technology and audio technology. It can be seamlessly connected with intelligent central control system, videoconference system and fire monitoring system, providing a more complete solution for efficient modern conference system engineering. This series of products is a brand-new intelligent full-function digital conference system, which perfectly introduces all-digital technology and integrated network technology into the conference system, and fully combines advanced digital technology, network technology and audio technology. It can be seamlessly connected with smart phone systems, central control systems, video conferencing systems, and monitoring and fire protection systems, providing a more complete solution for efficient modern conference system engineering. The "hand in hand" connection technology between the conference units in the system is simple to install and supports cascading functions. The system supports 48 kHz audio sampling frequency, and the frequency response can reach 20 Hz-20 kHz. The system is composed of conference controller, conference unit and application software. Among them, the conference unit has a chairman speaking unit and a representative speaking unit, and the application software is composed of multiple application software modules.

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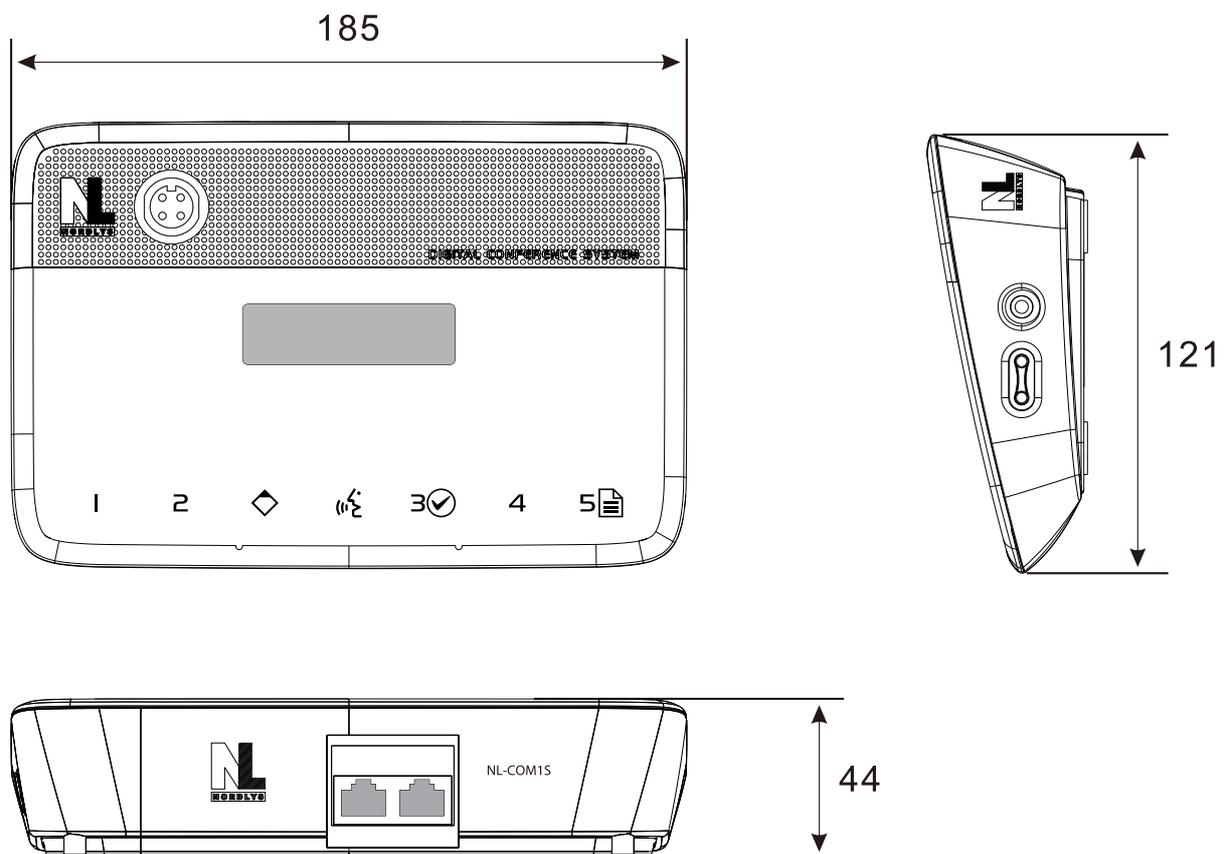
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FEATURES

- Comply with IEC60914, GBT15381-94 international standards
- Patented design, overall high-grade and solemn, modern aesthetic standards
- The unit is powered by the system host. The input voltage is 24V, which is a safe range.
- Unit with 8-core wire interface adopts T-type 8-core connection, and the wire is shielded by full-line aluminum foil, which greatly reduces the interference of strong electromagnetic waves on the wire
- The unit of the network cable interface adopts super cat-6 network cables, "hand in hand" cable connection mode, with two RJ45 interfaces
- Professional high-fidelity capacitor microphone, sensitive pickup, clear voice, bandwidth up to 20Hz ~ 20KHz
- Adopt anti-interference circuit design to prevent interference from electronic products such as mobile phones
- The chairman unit is not limited by the number of speakers;
- The chairman unit has the priority function of controlling the order of the conference;
- The connection position of the chairman unit is not restricted;
- The chairman unit can initiate sign-in, voting, voting, election and other functions;
- A system can support the use of multiple chairman units at the same time.
- The microphone head has a two-color speaking light ring, the light ring is always red when the unit speaks, and the light ring is always green when the unit requests to speak.
- Sensitive touch switch, the pattern is always bright green when standby, the pattern is always bright red after pressing
- With a 2.23-inch high-brightness full-view OLED display, the display content is clear, can display the voting, voting mode, unit parameters, date and time, speaking volume, monitoring volume, etc. that are being operated, and clearly understand the current using situation
- Microphone with speaking timing function
- The microphone unit has a headphone output port and a volume adjustment button, which can freely select the output mode and adjust its volume
- "Hand in hand" connection method, support hot plug, easy installation and maintenance
- speaking unit can apply for tea, coffee, paper, pen, service personnel and other services
- The chairman unit has the function of approving the speech request of the delegate;

Conference system Unit Deimensions (mm)



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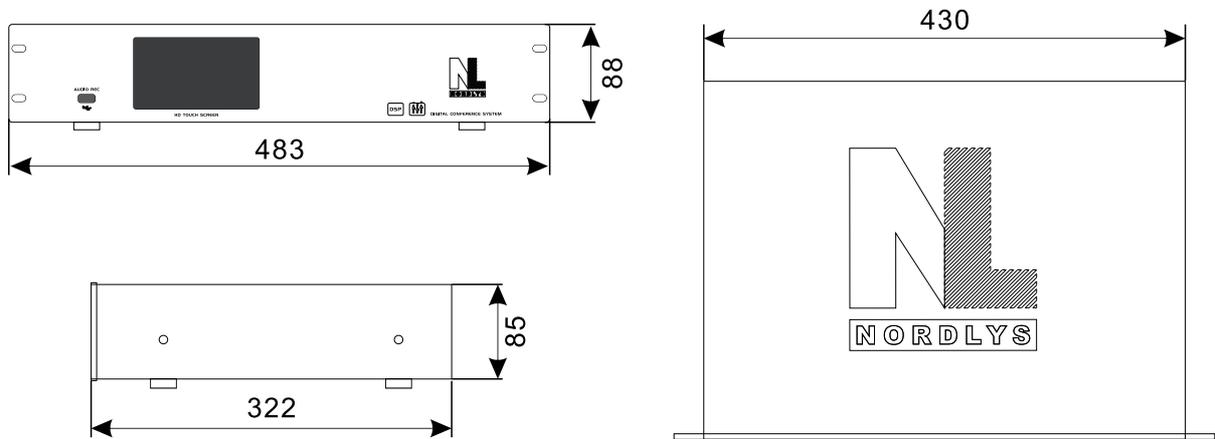
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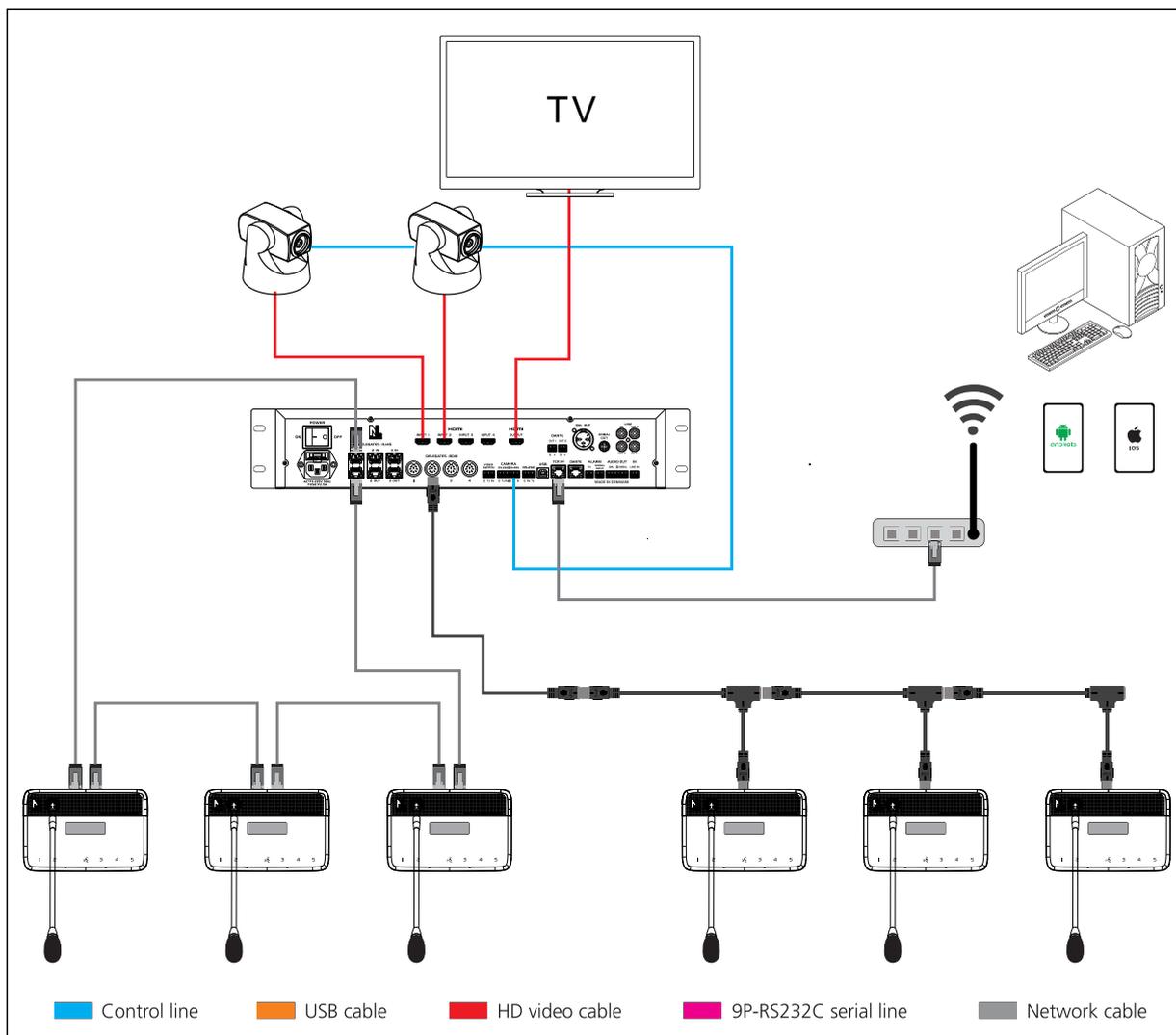
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Conference system Controller Dimensions (mm)



System overview



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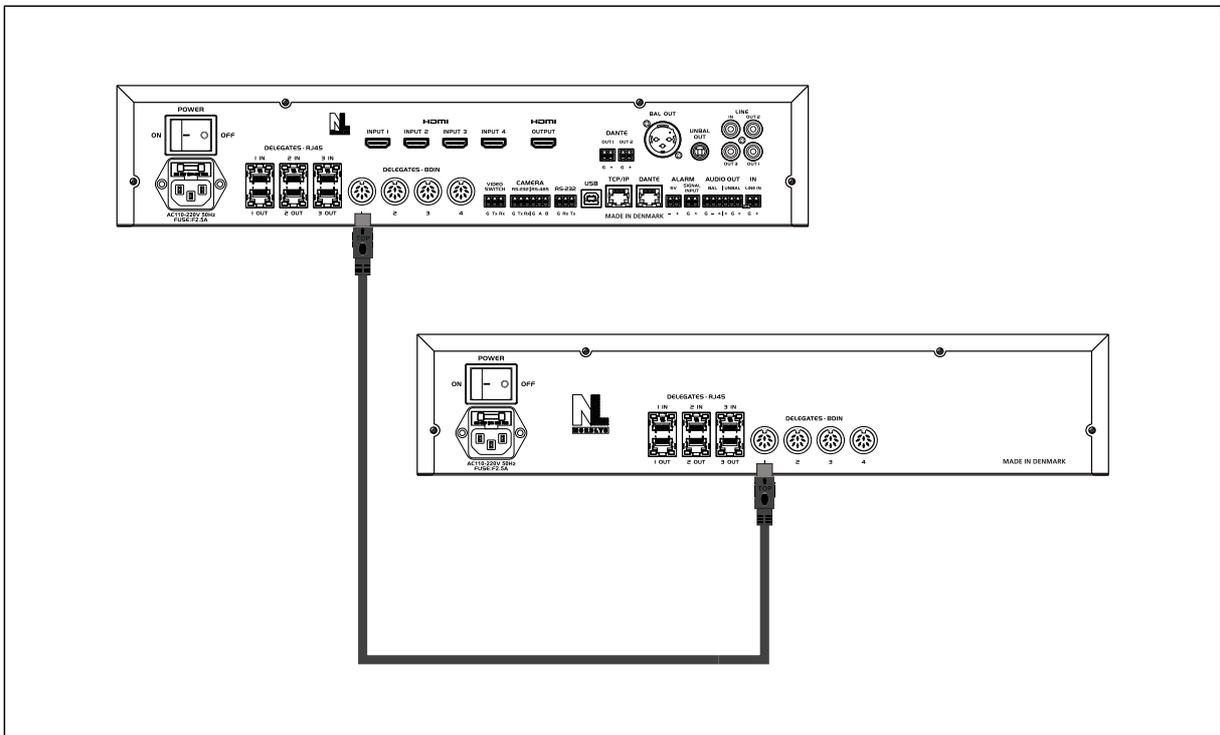
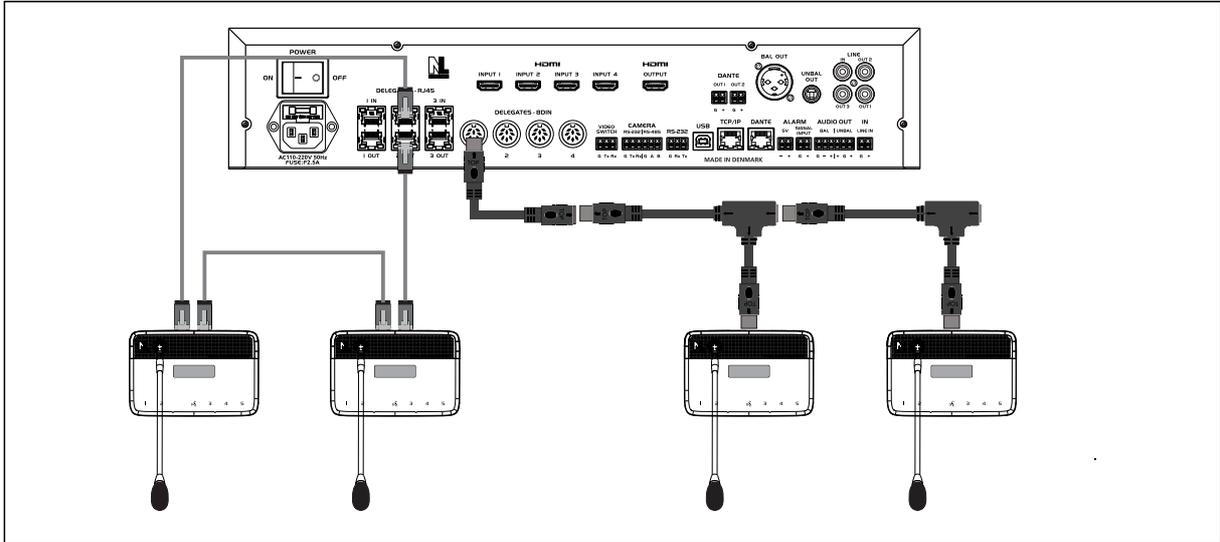
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Connection



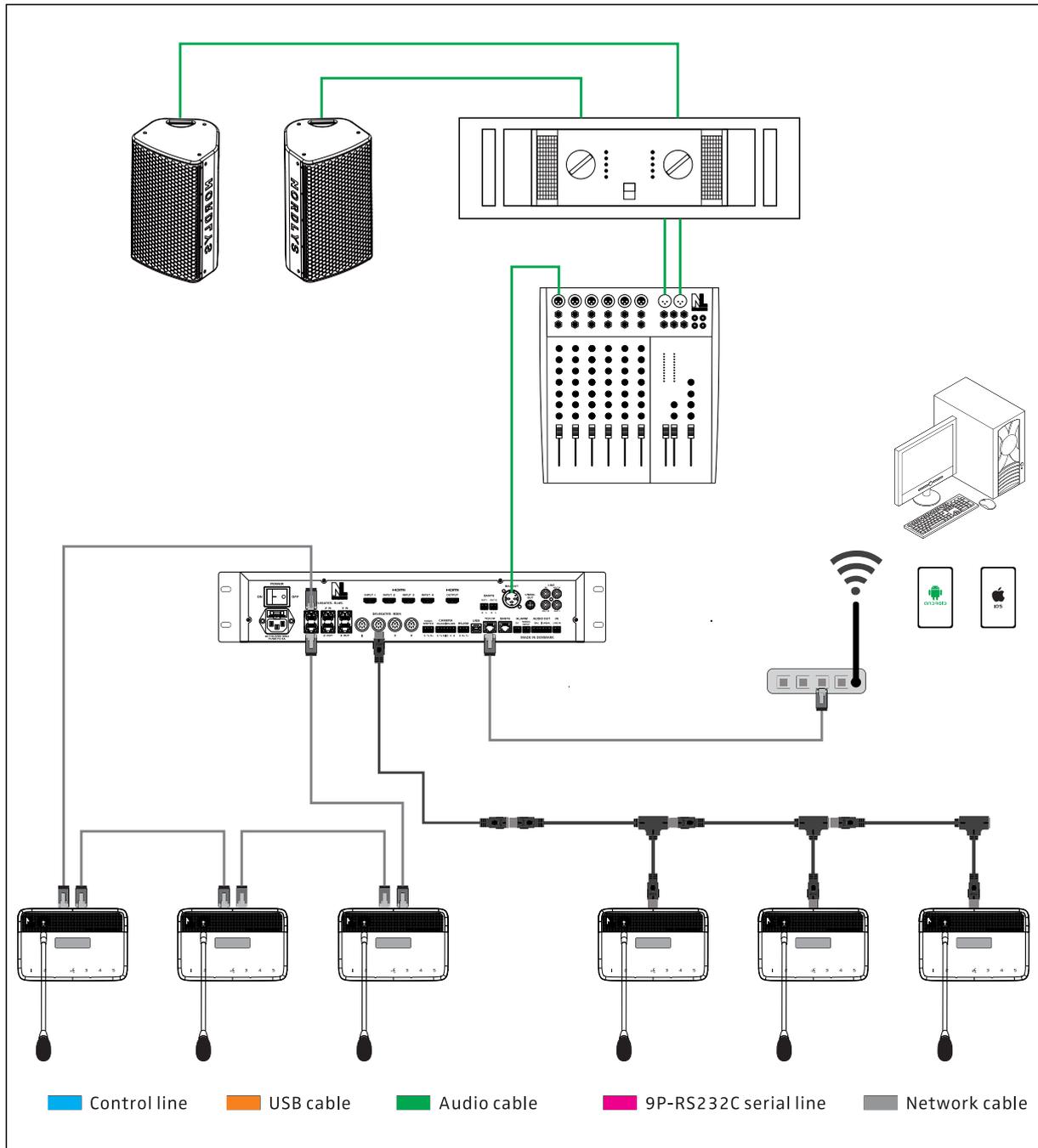
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Connection between the controller and the conference unit



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Conference unit Electrical characteristics

Conference unit	
Working Voltage	DC24V
Cable	DIN-8P or CAT6
Capsule	Cardioid
Sensitivity	-46 dBV/Pa
Frequency	20Hz~20KHz
Input impedance	2 k Ω
Directional 0°/180°	> 20 dB (1 kHz)
Equivalent noise	20 dBA (SPL)
SPL	125 dB (THD<3%)
S/N ratio	> 80dB
T.H.D	< 0.05%
Display	128x32 PMOLED
Earphone load	>10 Ω
Earphone volume	10 mW
Earphone interface	3.5mm ×1

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Conference system controller Electrical characteristics

Controller	
Power supply	AC110V-220V/50Hz
Frequency	20Hz-20kHz
S/N ratio	> 96dBA
T.H.D	< 0.05%
Recording	USB
Input connector	DIN-8 x4 , RJ45 x3 (group)
Central controller interface	RS-232(3P connector) x1
Camera switch interface	RS-232 (3P connector) x1
Video interface (optional)	HDMI 4x1(optional)
Camera control interface	6P connector
Computer interface	USB x1 RJ45 x1
Audio input	2P connector(unbal)x1, RCA(unbal)x1 2P connector(unbal)x1 (alarm device)
Audio output	3P connector(bal)x1, 2P connector(unbal)1 XLR(bal)x1, 6.35mm(unbal)x1, RCA(unbal)x3
Digital audio interface	Dante x1(optional)

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