

J I 2 0 C - E

DIGITAL NETWORK WIRED CHAIRMAN UNIT

Gooseneck chairman microphone with fully digital audio, priority control and CAT6E connectivity.

CHAIRMAN	CAT6E	5 SPEECH MODES	40 HZ-20 KHZ	DC24V
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01 OVERVIEW

The Jistron JI20C-E is a digital network wired chairman unit designed for conference systems requiring reliable meeting control and clear gooseneck microphone pickup. It combines fully digital audio processing with a high-performance CPU, chairman priority control, ring hand-in-hand connection, optional digital-analog dual backup, hot-plug support and camera tracking integration. Five speech modes and configurable voice wake-up operation provide flexible control for different meeting workflows.

02 KEY FEATURES

- Fully digital audio**
Built-in high-performance CPU provides fast processing and clear conference audio.
- Chairman priority control**
The chairman unit can control meeting order with no restriction on connection position.
- Ring connection reliability**
Single-unit failure or replacement does not interrupt the remaining conference units.
- Digital-analog backup**
Customizable dual-backup architecture supports stable, uninterrupted meeting operation.
- Five speech modes**
Normal, FIFO, Free, Application and Voice Wake-up modes are supported.
- Camera tracking support**
Works with a camera tracking host after preset configuration on the computer.
- Voice wake-up control**
Startup sensitivity and automatic microphone shutoff timing can be configured.
- Anti-interference microphone**
Electret condenser microphone core is designed for high sensitivity and stable operation.

03 OPERATIONAL FUNCTIONS

Hot Plug	Trigger / Hold	Auto Unit ID	3.5 mm Headphone	Hidden Cable Exit	LED Indicator
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04 CONTROLS & INTEGRATION



- 1 CHAIRMAN PRIORITY**

Provides priority control for managing the order of discussion during meetings.
- 2 APPLICATION APPROVAL**

In Application mode, a short press can approve a delegate unit to turn on its microphone.
- 3 MICROPHONE SWITCHING**

Supports trigger switching or press-and-hold operation; the technical switch mode is physical.
- 4 HEADPHONE CONNECTION**

One 3.5 mm stereo headphone jack is provided for personal monitoring.
- 5 CABLE ROUTING**

The included 1.8 m CAT6E cable can exit through the hidden bottom outlet or from the rear.
- 6 AUTOMATIC IDENTIFICATION**

Each conference unit has a unique serial number and the system can automatically assign its ID.

05 TECHNICAL SPECIFICATIONS

SYSTEM & CONTROL	
System type	Digital network wired chairman unit (gooseneck)
Chairman function	Priority control of meeting order; connection position is not restricted
Speech modes	Normal · First-in-first-out (FIFO) · Free · Application · Voice Wake-up
Microphone opening modes	Trigger switch · Long press to open / release to switch
Hot-plug support	Supported; microphones can be added to the system while connected
Connection topology	Ring hand-in-hand connection technology
Backup function	Customizable digital-analog dual backup
Camera tracking	Supported with camera tracking host and computer presets
MICROPHONE & AUDIO	
Microphone type	Cardioid condenser
Directional characteristics	Cardioid
Frequency response	40 Hz - 20 kHz
Sensitivity	-32 dBV
Distortion	< 1%
Microphone core	Special electret condenser design with anti-mobile-phone interference
CONTROL & INDICATION	
Switch mode	Physical switch
Speaking indicator	Two-color LED indicator; red indicates speaking
Unit identification	Unique serial number; conference system can automatically assign an ID

05 TECHNICAL SPECIFICATIONS - CONTINUED

NETWORK & CONNECTIVITY	
Connection method	CAT6E network cable
Included network cable	1.8 m CAT6E network cable
Headphone connection	1 × Ø3.5 mm stereo headphone jack
Cable outlet	Hidden bottom outlet or rear cable exit
POWER & PHYSICAL	
Power supply	DC24V host power supply
Power consumption	1.5 W
Base dimensions	180 × 142 × 59 mm
Gooseneck length	415 mm
Weight	810 g

06 ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
JI20C-E	Digital network wired chairman unit - gooseneck, CAT6E, priority control	Includes 1.8 m CAT6E network cable

Specifications on this datasheet refer to the JI20C-E chairman unit. System hosts and related conference components are specified separately as required.

07 ABOUT JISTRON

Jistron is a European audio-visual brand headquartered in Tallinn, Estonia. It supplies conference systems, audio processors and installed audio-visual solutions for boardrooms, chambers and command environments; products are manufactured at audited partner facilities.

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