

J I 5 2 0 C - F

DIGITAL NETWORK WIRED CHAIRMAN UNIT

Gooseneck chairman microphone with 4.3-inch touch screen, fully digital audio and CAT6E connectivity.

CHAIRMAN	4.3-IN TOUCH	CAT6E	5 SPEECH MODES	DC24V
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01 OVERVIEW

The Jistron JI520C-F is a digital network wired chairman unit with a gooseneck microphone and 4.3-inch touch screen for conference systems. The touch interface supports speaker information, speaking countdown, microphone directivity setting, sign-in and voting functions, microphone gain adjustment, message exchange, language and brightness settings, and standby clock or screen-saver display. The unit uses fully digital audio processing, CAT6E network connectivity and a customizable digital-analog backup architecture, with chairman priority, camera tracking and five speaking modes.

02 KEY FEATURES

- **4.3-inch touch screen**
Interactive display for speaker information, timers, directivity settings, sign-in, voting, gain adjustment and system settings.
- **Chairman priority control**
The chairman unit has priority control over meeting order and can approve delegate microphone requests in application mode.
- **Ring connection reliability**
Ring hand-in-hand topology keeps the system operating if a single microphone or inter-unit connection fails.
- **Digital-analog backup**
Customizable dual backup supports stable and uninterrupted meeting operation.
- **Fully digital audio**
High-performance CPU and fully digital audio technology provide faster processing and improved sound quality.
- **Five speech modes**
Normal, FIFO, Free, Application and Voice Wake-up modes are supported.
- **Camera tracking support**
Works with a camera tracking host after computer preset configuration.
- **Anti-interference design**
Microphone core is designed for stable operation in the presence of mobile-phone interference.

03 TOUCH DISPLAY & CONFERENCE FUNCTIONS

Speaker Info	Countdown	Directivity	Sign-in	Voting	Gain	Messaging	Language
Brightness	Clock						

04 CONTROLS & INTEGRATION

1 CHAIRMAN PRIORITY

Full control of meeting order; connection position is not restricted.

3 MICROPHONE SWITCHING

Supports trigger switching or press-and-hold to open and release to switch.

5 CABLE ROUTING

Included 1.8 m Category 6e cable can exit through the hidden bottom outlet or from the rear.

7 HOT PLUG

Microphones can be added to the connected system at any time.

2 FIVE SPEECH MODES

Supports Normal, FIFO, Free, Application and Voice Wake-up operating modes.

4 CAMERA TRACKING

Supports automatic camera tracking with a camera tracking host and computer presets.

6 VOICE WAKE-UP

Startup sensitivity and automatic shutoff time in silent mode can be configured.

8 AUTOMATIC IDENTIFICATION

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

05 SYSTEM RELIABILITY & CONNECTIVITY

■ Ring hand-in-hand connection

A failure or replacement of a single microphone does not affect other extensions; a connection failure between microphones does not stop system operation.

■ Digital-analog dual backup

A customizable digital-analog dual backup function is available to support stable and reliable meeting operation.

■ Two-color status indicator

The unit uses a two-color LED indicator; red indicates speaking.

■ Headphone connection

One 3.5 mm stereo headphone jack is provided for connecting headphones.

06 TECHNICAL SPECIFICATIONS

SYSTEM & CONTROL	
System type	Digital network wired chairman unit (gooseneck touch screen)
Display	4.3-inch touch screen
Display functions	Speaker information and countdown · microphone directivity setting · sign-in · voting and result viewing · microphone gain · information exchange · language and brightness settings · standby screen saver / clock
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
Chairman function	Priority control of meeting order; can approve delegate microphone requests in application mode
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 core	Special electret condenser microphone core
Directional characteristics	Cardioid
Microphone type	Cardioid condenser
Frequency response	40 Hz - 20 kHz
Sensitivity	-32 dBV
Distortion	< 1%
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

06 TECHNICAL SPECIFICATIONS - CONTINUED

NETWORK & CONNECTIVITY	
Connection method	CAT6E network cable
Included network cable	1.8 m Category 6e 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	2.5 W
Base dimensions	180 × 142 × 59 mm
Gooseneck length	415 mm
Weight	870 g

07 ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
JI520C-F	Digital network wired chairman unit - gooseneck with 4.3-inch touch screen, CAT6E	Includes 1.8 m Category 6e network cable

Specifications on this datasheet refer to the JI520C-F chairman unit. System hosts and related conference components are specified separately as required.

08 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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