

J I 1 4 0 B

WIRELESS BOUNDARY MICROPHONE

Wireless boundary microphone with variable digital directivity, LCD status display and rechargeable battery operation.

5 PATTERNS	LCD DISPLAY	2000 mAh	15 H TALK	TYPE-C
------------	-------------	----------	-----------	--------



01 OVERVIEW

The Jistron JI140B is a wireless boundary microphone designed for discreet integration into meeting spaces. Variable digital directivity allows users to select the polar pattern according to the environment, microphone position, meeting style and speaker requirements. The unit provides an LCD status display, flexible Type-C or dock charging, and a 2000 mAh lithium battery with up to 15 hours of speaking time.

02 KEY FEATURES

- | | |
|--|---|
| <ul style="list-style-type: none">■ Discreet boundary design
Simple and elegant form with high sensitivity for meeting-space integration. | <ul style="list-style-type: none">■ Variable digital directivity
Adjust microphone directivity to suit room conditions, position, meeting style and speaker needs. |
| <ul style="list-style-type: none">■ Five selectable polar patterns
Omnidirectional, Wide Cardioid, Cardioid, Supercardioid and Figure-8. | <ul style="list-style-type: none">■ Long battery operation
2000 mAh lithium battery supports up to 15 hours of speaking and 30 hours of standby. |
| <ul style="list-style-type: none">■ Natural voice reproduction
Special tuning is intended to capture subtle human-voice detail for clear and natural communication. | <ul style="list-style-type: none">■ LCD status display
Displays remaining battery, ID address, mic on/off, sensitivity, speaking time and connection status. |
| <ul style="list-style-type: none">■ Flexible charging
Supports direct Type-C charging or charging through a dedicated charging dock. | <ul style="list-style-type: none">■ Wireless conference operation
Designed as a rechargeable wireless microphone for professional meeting applications. |

03 DISPLAY & DIRECTIVITY FUNCTIONS

BATTERY	ID ADDRESS	MIC STATUS	SENSITIVITY	SPEAK TIME	CONNECTION
---------	------------	------------	-------------	------------	------------

04 CONTROLS & MICROPHONE OPERATION

- 1 **POLAR PATTERN SELECTION**

Variable digital directivity provides five selectable microphone polar patterns.
- 2 **MICROPHONE STATUS**

The LCD indicates microphone on/off status.
- 3 **BATTERY STATUS**

The LCD displays the remaining battery level for quick status checking.
- 4 **ID & CONNECTION STATUS**

The LCD displays the ID address and connection status.
- 5 **SENSITIVITY STATUS**

Microphone sensitivity information is shown on the LCD screen.
- 6 **SPEAKING TIME DISPLAY**

The display provides speaking-time information during operation.
- 7 **TYPE-C CHARGING**

Supports direct Type-C charging for flexible replenishment.
- 8 **DOCK CHARGING**

The unit can also be charged using a dedicated charging dock.

05 AUDIO PERFORMANCE & POWER

- **Adjustable pickup behavior**

Selectable polar patterns let the microphone pickup behavior be adapted to different meeting conditions.
- **Voice-focused sound tuning**

The microphone is tuned to capture subtle voice detail for realistic, clear and natural communication.
- **Rechargeable battery platform**

The 2000 mAh lithium battery provides up to 15 hours of speaking time and 30 hours of standby.
- **Low-power operation**

Specified power consumption is 0.47 W active and 0.21 W in standby.

06 TECHNICAL SPECIFICATIONS

MICROPHONE & AUDIO	
System type	Wireless boundary microphone
Polar patterns	Omnidirectional · Wide Cardioid · Cardioid · Supercardioid · Figure-8
Microphone type	Cardioid condenser
Distortion	< 1%
Frequency response	40 Hz - 20 kHz
Switch method	Mechanical switch
Sensitivity	-32 dBV
RF & CONTROL	
RF power output	<= 10 dBm (reference value)
LCD information	Remaining battery · ID address · mic on/off status · sensitivity · speaking time · connection status
Directivity control	Variable digital directivity with five selectable polar patterns

06 TECHNICAL SPECIFICATIONS - CONTINUED

POWER & BATTERY	
Power consumption - active	0.47 W
Power consumption - standby	0.21 W
Battery capacity	Lithium battery pack, 2000 mAh
Charging current	5 V / 2 A
Speaking time	15 hours
Standby time	30 hours
Charging interface	Type-C or external charger

PHYSICAL	
Dimensions	115 x 67.5 x 35 mm
Weight	187 g

07 ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
J1140B	Wireless boundary microphone - variable directivity, LCD status display and rechargeable battery operation	2000 mAh battery; Type-C or external charger

Specifications on this datasheet refer to the J1140B wireless boundary microphone. Related conference components and charging accessories 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.

ADDRESS PÄRNU MNT 142, 11317 TALLINN, ESTONIA · EMAIL [INFO@JISTRON.COM](mailto:info@jistron.com) · WEB [JISTRON.COM](http://jistron.com)

The specifications are subject to change without prior notice.

Copyright © Jistron. All rights reserved.