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# MXW neXt Quick Start Guide

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## IMPORTANT SAFETY INSTRUCTIONS

1. READ these instructions.
2. KEEP these instructions.
3. HEED all warnings.
4. FOLLOW all instructions.
5. DO NOT use this apparatus near water.
6. CLEAN ONLY with dry cloth.
7. DO NOT block any ventilation openings. Allow sufficient distances for adequate ventilation and install in accordance with the manufacturer's instructions.
8. DO NOT install near any heat sources such as open flames, radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not place any open flame sources on the product.
9. DO NOT defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. PROTECT the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. ONLY USE attachments/accessories specified by the manufacturer.
12. USE only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. UNPLUG this apparatus during lightning storms or when unused for long periods of time.
  14. REFER all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
  15. DO NOT expose the apparatus to dripping and splashing. DO NOT put objects filled with liquids, such as vases, on the apparatus.
  16. The MAINS plug or an appliance coupler shall remain readily operable.
  17. The airborne noise of the Apparatus does not exceed 70dB (A).
  18. Apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.
  19. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
  20. Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
  21. Operate this product within its specified operating temperature range.
  22. Follow local regulations and consult qualified personnel if the product installation or relocation requires construction work. Choose mounting hardware and an installation location that can support the weight of the product. Avoid locations subject to constant vibration. Use the required tools to install the product properly. Inspect the product periodically.
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	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.
	This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

## Note:

- This equipment is intended to be used in professional audio applications.
- Use this battery charger only with the Shure charging modules and battery packs for which it is designed. Use with other than the specified modules and battery packs may increase the risk of fire or explosion.
- Changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.

## WARNING

- Battery packs may explode or release toxic materials. Risk of fire or burns. Do not open, crush, modify, disassemble, heat above 140°F (60°C), or incinerate.
- Follow instructions from manufacturer
- Only use Shure charger to recharge Shure rechargeable batteries
- **WARNING:** Danger of explosion if battery incorrectly replaced. Replace only with same or equivalent type.
- Never put batteries in mouth. If swallowed, contact your physician or local poison control center
- Do not short circuit; may cause burns or catch fire
- Do not charge or use battery packs other than Shure rechargeable batteries
- Dispose of battery packs properly. Check with local vendor for proper disposal of used battery packs.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like
- Do not immerse the battery in liquid such as water, beverages, or other fluids.
- Do not attach or insert battery with polarity reversed.
- Keep away from small children.
- Do not use abnormal batteries.
- Pack the battery securely for transport.

**Note:** Use only with the included power supply, batteries, or a Shure-approved equivalent.

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## MXW neXt System

MXW neXt is a complete solution for meeting room and presentation applications. Developed with Dante<sup>®</sup> technology by Audinate, digital audio is routed over standard IP equipment across a network of access points, digital-to-analog converters, and computers. Access points add wireless, analog, and USB audio to the network. RF coordination is automatic and continuous, offering worry-free wireless audio transmission for every event.

MXW neXt System Components

### ① MXW-X Microphones

Wireless microphones are available in boundary, handheld and bodypack models.

### ② "All-In-One" Two Channel Transceiver/Docking Station/DSP

Featuring Dante, USB, and analog audio connections, acoustic echo cancellation (AEC) and Automix technology, wireless microphone linking, and transmitter charging ports, the APXD2 allows for networked or standalone operation.

### ③ Control Software

The control software allows comprehensive remote management of the MXW neXt system. It operates in a web browser when networked to a computer.

## APXD2 2-Channel Access Point Dock

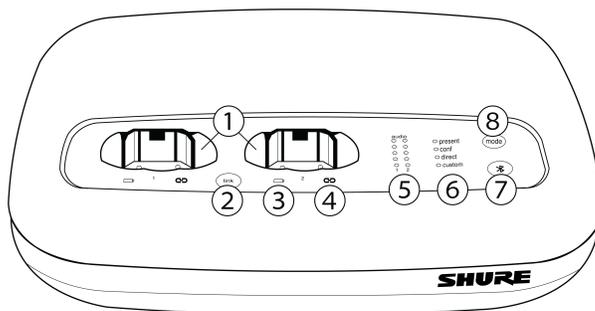
APXD2 is an all-in-one wireless microphone system that combines a 2-channel wireless transceiver, digital audio processing and two charging bays into a convenient tabletop device. On-board Dante, analog, USB and Bluetooth audio connections enable local sound reinforcement and video conferencing applications in either standalone or networked installations.

The front panel includes at-a-glance indicators and touch-sensitive buttons to facilitate quick out-of-the-box setup and intuitive system use, without the need for additional screen-based user interfaces. In networked installations, a computer can remotely control and monitor connected units via the built-in network interface.

## Features

- Standalone and networked installations
- Front panel user interface for simple setup and intuitive use
- Audio I/O: analog, Dante, USB, Bluetooth
- Built-in audio DSP: Automixer, Echo Cancellation, Noise Reduction
- Dual RJ45 ports to separate audio and control traffic (3 modes)
- Two built-in charging bays for wireless microphones

## Front Panel



### ① Docking Bays

Connect and charge up to two MXW neXt handheld, bodypack, or boundary microphones.

### ② Link Button

Press and hold to link docked microphones. Microphones are successfully linked when the link LED stops flashing and the microphone display confirms successful link.

**Note:** Pressing the Link button when mics are present in the charging bays will overwrite any previously-linked microphones.

### ③ Battery LED

Indicates charging status for docked microphone.

### ④ Link Indicator LED

Illuminates when the audio channel associated with the charging bay is linked to a wireless transmitter (even if linked transmitter is powered off).

### ⑤ Audio Signal Strength LED (sig/clip)

Indicates audio signal strength for each channel:

- Green = Normal
- Amber = Strong
- Red = Clipping (to eliminate clipping, attenuate the signal level at the audio source)

**Note:** The bottom LED for each channel indicates the status of the connected microphone: Green = active, Amber = standby, Red = mute, Off = inactive

### ⑥ Mode Indicator

Shows the selected preset mode.

### ⑦ Bluetooth Button

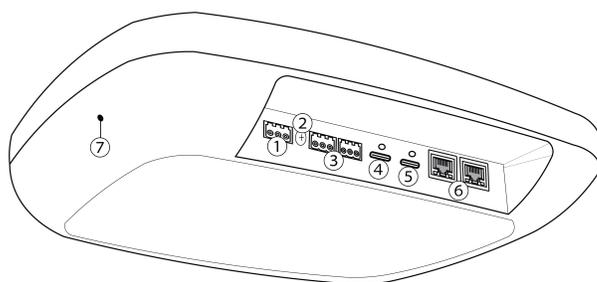
Refer to the web guide at [shure.com](http://shure.com) for more information on Bluetooth connections.

### ⑧ Mode Selector

Selects a preset operation mode:

Mode	Details
<b>Presentation</b>	Share your presentation, with the option of adding a third audio source  Automix and AEC are enabled A wired microphone can be connected to the analog input for a three-mic setup
<b>Conference</b>	Connect to your preferred videoconferencing software  Automix and AEC are enabled If far-end conference audio is connected to the APXD2, the analog audio input can be configured to provide reference audio for internal echo cancellation
<b>Direct</b>	Bypass most DSP and route your audio channels directly (Automix and AEC are disabled)
<b>Custom</b>	Refer to the web guide at <a href="http://shure.com">shure.com</a> for more information on Custom configuration

## Back Panel



### ① Analog Audio Input

Three-pin, low-voltage differential input connector adds line- or aux-level analog signals for sound reinforcement.

**Note:** This input is meant for balanced connection. If an unbalanced source is used, such as an IPOD or MP3 player, only use pins 1 (signal) and 3 (ground) of the block connector. See the Specifications section for wiring diagrams.

### ② Chassis Ground Screw

Provides an external connection point to the chassis ground of the device.

### ③ Analog Audio Output

Connect to a signal processor, amplifier, or recording system. OUT1 provides the full mix (all audio inputs), OUT2 provides mix-minus (far-end audio inputs only, minus local audio).

### ④ USB-C Audio

Connect to a laptop, videoconferencing unit, or control device.

### ⑤ Power

USB-C power connector, for use with included 5V 3A power supply.

### ⑥ Ethernet Ports

Connect to external control software, or Dante audio network.

### ⑦ Reset Button

Press and hold for 5-8 seconds to reset network settings.

Press and hold for more than 8 seconds to reset the device to factory default settings.

## Microphone Transmitters

MXW neXt microphones transmit an encrypted, wireless audio signal to the access point. Three form factors are available:

### Hybrid Bodypack (MXW1X)

The bodypack secures to a belt or strap for hands-free, mobile communication. It features a TQG input for lavalier connection and an integrated omnidirectional microphone.

### Handheld (MXW2X)

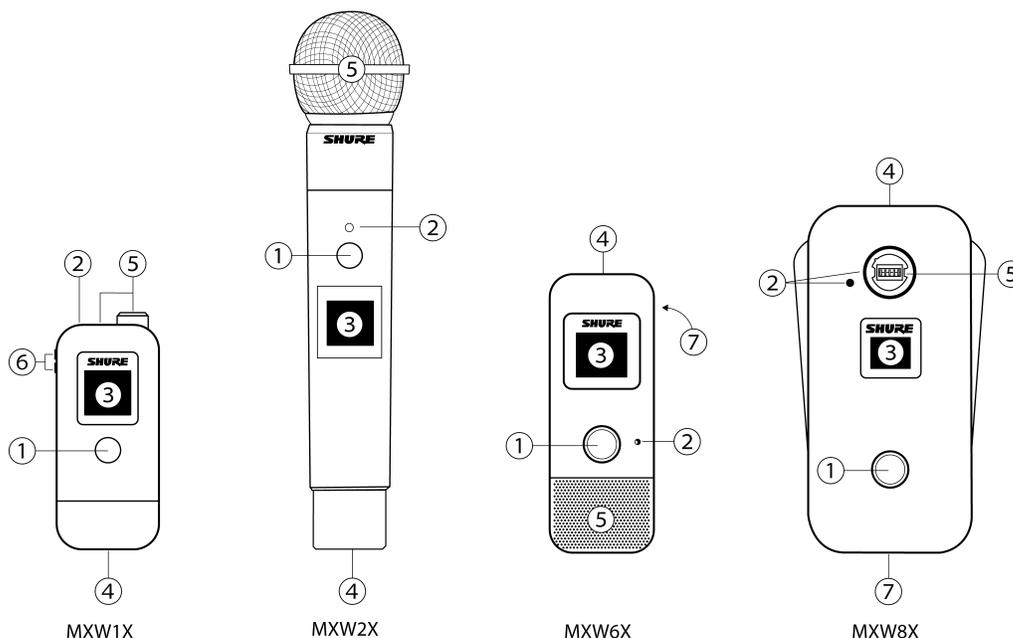
The handheld enables presenters to communicate using legendary Shure SM58, SM86, BETA58 and VP68 microphone cartridges.

## Boundary (MXW6X/I/C, MXW6X/I/O, MXW6XW/I/C, MXW6XW/I/O)

The boundary transmitter sits on a table or desk to transmit speech while discreetly blending into any conference environment.

## Desktop Gooseneck Base (MXW8X)

The gooseneck base is compatible with 5", 10", and 15" Microflex gooseneck microphones.



## Callouts

### ① Mute/Active Button

Changes the audio status from Active to Mute, or Mute to Active. Button behavior for some transmitter types can be set independently from the Preferences tab of the control software.

**Note:** For MXW1X and MXW2X, press and hold the Mute/Active button for 3 seconds to turn the transmitter on or off.

### ② Status LED

Indicates the transmitter's status. The color indicators for Mute and Active can be customized from the Preferences tab. See the Status LED table for the default LED behavior for MXW neXt transmitters.

**Note:** MXW8X gooseneck has an additional LED light ring, which can be configured independently to indicate additional status information.

### ③ Display

Shows receiver and transmitter settings and information, including battery and RF status, microphone and base unit name, and menu options.

### ④ USB-C Connector

Connects to the docking station charger slot, or to the USB Charger. Can be used with the USB-C-to-3.5mm dongle to provide a headphone output.

## ⑤ Microphone

MXW1X hybrid bodypack has a TQG connector for an external lavalier or headset microphone, as well as an internal microphone.

MXW2X handheld transmitter is compatible with SM58, Beta 58, SM86, and VP68 cartridges.

MXW6X features an internal microphone, available with cardioid or omnidirectional microphone cartridges.

MXW8X gooseneck base is compatible with 5", 10", and 15" Microflex gooseneck microphones.

## ⑥ + / - Buttons (MXW1X)

Adjusts the MXW1X back-channel audio volume when a headphone is connected. Also selects between internal and external microphone.

## ⑦ Power On/Off (MXW6X, MXW8X)

Press and hold the dedicated power button for 3 seconds to turn the transmitter on or off.

*Note: For MXW1X and MXW2X, press and hold the Mute/Active button for 3 seconds to turn the transmitter on or off.*

## Status LEDs\*

Status	LED	Description
Active	Green	Ready to pass audio to network.
Mute	Red	Audio is muted.
Identify	Flashing Yellow	The Identify button has been pressed from the control software.
Initialization/ RF channel acquisition	Alternating Red and Green	The transmitter is initializing and acquiring the RF connection to the linked access point. Standard density mode has a slow alternating rate. High density mode has a fast alternating rate.
Out of RF Coverage Range	Red Pulsing (short on/off)	The transmitter is out of the RF coverage range to the linked access point.
Charging	Off	The transmitter is charging.
Off	Off	No connection to the network. The transmitter must be turned on using the power button on the mic.

\* Default behavior. Customize LED behavior from Settings > Lights.

## Audio Output Configuration for APXD2 Presets

Use the preset mode buttons on the APXD2 to quickly configure your audio.

Operation mode:  
**Presentation**

	Analog Output 1	Analog Output 2	Dante Output 1	Dante Output 2	Dante Output 3	USB Output	Backchannel	AEC Reference
Mic Input 1 (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mic Input 2 (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analog Input (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Automix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dante Input 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dante Input 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB Input	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Operation mode:  
**Conference**

	Analog Output 1	Analog Output 2	Dante Output 1	Dante Output 2	Dante Output 3	USB Output	Backchannel	AEC Reference
Mic Input 1 (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mic Input 2 (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analog Input (Direct)	<input type="checkbox"/>	<input checked="" type="checkbox"/>						
Automix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dante Input 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dante Input 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
USB Input	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Operation mode:  
**Direct**

	Analog Output 1	Analog Output 2	Dante Output 1	Dante Output 2	Dante Output 3	USB Output	Backchannel	AEC Reference
Mic Input 1 (Direct)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mic Input 2 (Direct)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Analog Input (Direct)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Automix	<input type="checkbox"/>	<input type="checkbox"/>						
Dante Input 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Dante Input 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
USB Input	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

Audio Out	Presentation Mode	Conference Mode	Direct Mode
Analog 1	Full audio mix Sound reinforcement for local mics		Direct audio output from Mic 1

Audio Out	Presentation Mode	Conference Mode	Direct Mode
	Hear participants of a video conference		
<b>Analog 2</b>	Videoconference far end only Hear participants of a video conference		Direct audio output from Mic 2
<b>Dante 1</b>	Full audio mix Sound reinforcement for local mics Hear participants of a video conference		Direct audio output from Mic 1
<b>Dante 2</b>	Videoconference far end only Hear participants of a video conference		Direct audio output from Mic 2
<b>Dante 3</b>	Local mix only Send local audio from automixer to far-end participants		Direct audio output from Analog In
<b>USB</b>	Local mix only Send local audio from automixer to far-end participants		Matrix mix output from Mic 1, Mic 2, and Analog In
<b>Backchannel</b>	Enhanced listening to all audio (for accessibility, etc.) Available on each microphone using USB-C audio		
<b>AEC Reference</b>	Far end only Reference for echo cancelling algorithm	Far end + Analog in Reference for echo cancelling algorithm Analog reference audio (e.g. speakers used for far-end audio)	N/A

## MXW neXt System Control Software

The MXW neXt control software allows comprehensive system control and monitoring from a computer. It is hosted from an embedded server in the APXD2, and is accessible when properly networked to a computer. All hardware functions can be adjusted using this software interface.

To access the control software, connect the device to your computer via Ethernet, or wirelessly using the same subnet as your computer, and enter the device's IP address in a Web browser.

To discover your device's IP address, install and open either the Shure Web Device Discovery application or Shure Update Utility from shure.com, and locate your APXD2 in the device list. Double-clicking the device's IP address opens the control software in your default browser.

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## Firmware Updates

Firmware is embedded software in each component that controls functionality. Periodically, new versions of firmware are developed to incorporate additional features and enhancements. To take advantage of design improvements, new versions of the firmware can be uploaded and installed using the Shure Update Utility. Download the software from [www.shure.com/suu](http://www.shure.com/suu).

Perform the following steps to update the firmware:

**CAUTION!** Ensure the device has a stable network connection during the update. Do not turn off the device until the update is complete.

1. Connect the device and computer to the same network, set to the same subnet. (To update MXW neXt transmitters, place them in a docking station that is connected to the same network.)
2. Open the Shure Update Utility application.
3. Click Check For Updates... button to view new firmware versions available for download.
4. Select the desired firmware and press Download to download it to the Firmware Library.
5. From the Update Devices tab, select the new firmware and press Send Updates... to begin the firmware update, which overwrites the existing firmware on the device.

## Firmware Versions and Compatibility

The firmware of all Shure devices has the form of MAJOR.MINOR.PATCH.BUILD (e.g., 1.2.14.0). To ensure interoperability, all components from the same model family (including transmitters) should be updated to the same MAJOR and MINOR firmware version numbers (e.g., 1.2.x.x).

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## More Information Available Online

A comprehensive online user guide is available at [pubs.shure.com](http://pubs.shure.com).

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## Specifications

### System

#### RF Carrier Frequency Range

Band	Frequency Range
Z10	1920 – 1930 MHz
Z11	1880 – 1900 MHz
Z12	1884 – 1906 MHz
Z14	1910 – 1920 MHz
Z15	1880 – 1895 MHz

#### Operating Temperature Range

5°C (41°F) - 40°C (104°F)

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## Storage Temperature Range

-20°C (-4°F) to 60°C (140°F)

## MXWAPXD2 2-Channel Access Point Dock

## RF Output Power

<b>DECT</b>	20 dBm
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## USB Input Power

5 V / 3 A

## USB Power Supply

SBC10-USB45WPD-\*

\* Varies by region: UTJ, E, UK, IN, BR, AR, AZ

## Antenna Type

Internal

## Microphones

MXW1X, MXW2X, MXW6X, MXW8X

## RF Output Power

<b>Bluetooth</b>	1 dBm
<b>DECT</b>	20 dBm

## Antenna Type

Internal

## Microphone Input Power

5V / 1A

## SBC10-USB15WSUSTWJ Power Supply\*

<b>Input</b>	100-240 V AC, 50-60 Hz, 0.6 A
<b>Output</b>	5 V DC, 3.0 A, 15.0 W (max)

\* USA, Canada, Taiwan, Japan

## SBC10-USB Power Supply\*\*

<b>Input</b>	100-240 V AC, 50-60 Hz, 0.2 A
<b>Output</b>	5 V DC, 1.0 A, 5.0 W (max)

\*\* All other countries

## Rechargeable Li-Ion Battery Type

<b>MXW1X, MXW6X</b>	SB906
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MXW2X, MXW8X

SB908

## Safety Information

### WARNING

**LISTENING TO AUDIO AT EXCESSIVE VOLUMES CAN CAUSE PERMANENT HEARING DAMAGE. USE AS LOW A VOLUME AS POSSIBLE.** Over exposure to excessive sound levels can damage your ears resulting in permanent noise-induced hearing loss (NIHL). Please use the following guidelines established by the Occupational Safety Health Administration (OSHA) on maximum time exposure to sound pressure levels before hearing damage occurs.

<b>90 dB SPL</b> at 8 hours	<b>95 dB SPL</b> at 4 hours	<b>100 dB SPL</b> at 2 hours	<b>105 dB SPL</b> at 1 hour
<b>110 dB SPL</b> at ½ hour	<b>115 dB SPL</b> at 15 minutes	<b>120 dB SPL</b> Avoid or damage may occur	

## Important Product Information

The equipment is intended to be used in professional audio applications.

Please follow your regional recycling scheme for batteries, packaging, and electronic waste.

EMC conformance testing is based on the use of supplied and recommended cable types. The use of other cable types may degrade EMC performance.

**Note:** This device is not intended to be connected directly to a public internet network.

## Regulatory Model Number (RMN):

For regulatory identification purposes your product has been assigned a regulatory model number (RMN). This regulatory model number should not be confused with product number.

<b>RMN: MXW1X</b>	<b>Product Numbers:</b> MXW1X/O Z10, MXW1X/O Z11, MXW1X/O Z12, MXW1X/O Z14, MXW1X/O Z15
<b>RMN: MXW2X</b>	<b>Product Numbers:</b> MXW2X Z10, MXW2X Z11, MXW2X Z12, MXW2X Z14, MXW2X Z15
<b>RMN: MXW6X</b>	<b>Product Numbers:</b> MXW6X/C Z10, MXW6X/C Z11, MXW6X/C Z12, MXW6X/C Z14, MXW6X/C Z15, MXW6X/O Z10, MXW6X/O Z11, MXW6X/O Z12, MXW6X/O Z14, MXW6X/O Z15, MXW6XW/C Z10, MXW6XW/C Z11, MXW6XW/C Z12, MXW6XW/C Z14, MXW6XW/C Z15, MXW6XW/O Z10, MXW6XW/O Z11, MXW6XW/O Z12, MXW6XW/O Z14, MXW6XW/O Z15
<b>RMN: MXW8X</b>	<b>Product Numbers:</b> MXW8X Z10, MXW8X Z11, MXW8X Z12, MXW8X Z14, MXW8X Z15
<b>RMN: MXWAPXD2</b>	<b>Product Numbers:</b> MXWAPXD2 Z10, MXWAPXD2 Z11, MXWAPXD2 Z12, MXWAPXD2 Z14, MXWAPXD2 Z15

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## Certifications

### CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: <https://www.shure.com/en-EU/support/declarations-of-conformity>.

### UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UK-CA requirements.

The full text of the UK declaration of conformity is available at the following site: <https://www.shure.com/en-GB/support/declarations-of-conformity>.

### NCC Notice

Connection and use of this communications equipment is permitted by the Nigerian Communications Commission.

### Waste Electrical and Electronic Equipment (WEEE) Directive



In the European Union and the United Kingdom, this label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

### Registration, Evaluation, Authorization of Chemicals (REACH) Directive

REACH (Registration, Evaluation, Authorization of Chemicals) is the European Union (EU) and the United Kingdom (UK) chemical substances regulatory framework. Information on substances of very high concern contained in Shure products in a concentration above 0.1% weight over weight (w/w) is available upon request.

### EU and UK Battery Directive



In the European Union and the United Kingdom, this label indicates that the batteries in this product should be collected separately and not be disposed of with household waste. Substances in batteries can have a potential negative impact on health and environment and you have a role in recycling waste batteries thus contributing to the protection, preservation, and improvement of the quality of the environment. You should contact your local authority or retailer for details of the collection and recycling schemes available.

Please consider the environment, electric products and packaging are part of regional recycling schemes and do not belong to regular household waste.

### Trademarks

Audinate®, the Audinate logo and Dante® are trademarks of Audinate Pty Ltd.

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# Regulatory Information for Wireless Products Utilizing TV and DECT Frequency Bands

## CE Notice

Hereby, Shure Incorporated declares that this product with CE Marking has been determined to be in compliance with European Union requirements.

The full text of the EU declaration of conformity is available at the following site: <https://www.shure.com/en-EU/support/declarations-of-conformity>.

## UKCA Notice

Hereby, Shure Incorporated declares that this product with UKCA Marking has been determined to be in compliance with UK-CA requirements.

The full text of the UK declaration of conformity is available at the following site: <https://www.shure.com/en-GB/support/declarations-of-conformity>.

## FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the antenna of the radio/television receiver.
- Increase the separation between this equipment and the radio/television receiver.
- Plug the equipment into a different outlet so that the equipment and the radio/television receiver are on different power mains branch circuits.
- Consult a representative of Shure or an experienced radio/television technician for additional suggestions.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**Notice:** The FCC regulations provide that changes or modifications not expressly approved by Shure Incorporated could void your authority to operate this equipment.

For information regarding responsible party and other matters relating to FCC compliance, please contact Shure Incorporated, 5800 W. Touhy Avenue, Niles, Illinois 60714-4608 U.S.A. [shure.com/contact](https://www.shure.com/contact)

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

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## Industry Canada (IC) Notices

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## Canada Warning for Wireless

This device operates on a no-protection, no-interference basis. Should the user seek to obtain protection from other radio services operating in the same TV bands, a radio licence is required. For further details, consult Innovation, Science and Economic Development Canada's document Client Procedures Circular CPC-2-1-28, Voluntary Licensing of Licence-Exempt Low-Power Radio Apparatus in the TV Bands.

Ce dispositif fonctionne selon un régime de non-brouillage et de non-protection. Si l'utilisateur devait chercher à obtenir une certaine protection contre d'autres services radio fonctionnant dans les mêmes bandes de télévision, une licence radio serait requise. Pour en savoir plus, veuillez consulter la Circulaire des procédures concernant les clients CPC\_2.1.28, Délivrance de licences sur une base volontaire pour les appareils radio de faible puissance exempts de licence et exploités dans les bandes de télévision d'Innovation, Sciences et Développement économique Canada.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur.

Additional Canadian information on RF exposure also can be found at the following Web address: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

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