

Overview

Flexible wireless microphones system customized to your use case.



Features

- Wireless system using 1.9 GHz, composed of access point, microphone, and charging station
- The access point supports 8 channels
- Available microphone formfactors: 6" (15 cm) gooseneck, 12" (30 cm) gooseneck, omnidirectional boundary, and cardioid directional boundary
- Approximately 20 hours of continuous microphone operation time using the included Li-ion battery
- Standard network audio support for "Dante"
- Utilizes one PoE+ network cable connection avoiding wiring problems and enabling audio control via Dante
- The Web UI Setup Wizard allows for effortless configuration, microphone pairing, audio routing, and other system management



Specifications

General Specifications

RM-WDR		
Description		Wireless Microphone
Colour		Black
Dimensions (W x D x H)		W 89.0 mm x D 89.0 mm x H 26.0 mm (including rubber feet)
Weight		130 g (including battery)
Directivity		Unidirectional
Frequency Response		160 Hz - 16 kHz
Sensitivity		-15.4 dBFS/Pa
Power		Rechargeable Li-ion Battery 3.6 V 2350 mA/h. For Charge I/F: USB Type C, RM-WCH-8 Charger I/F (4pin)
Maximum Power Consumpti	ion	5.0 V 0.7 A
Battery	Talk Time	Approximately 20 hours
	Standby Time	7 days
	Charge Time	Full charging: 5 hours (80% charging: 3 hours)
In Operation	Temperature	0°C - 40°C
	Humidity	20% - 85% (no condensation)
In Charging	Temperature	5°C - 40°C
	Humidity	20% - 85% (no condensation)
Storage	Temperature	-20°C - 60°C
	Humidity	10% - 90% (no condensation)
Indicators		Mic (3 colours) x 1, Battery (3 colours) x 1
Buttons		Mic x 1, Battery x 1, Pair x 1
I/0		USB Type C (for battery charging) x 1, Charger I/F (4pin) x 1
Accessories		Battery (RM-WBT) x 1, Owner's Manual x 1
Options		Replacement Battery RM-WBT
RM-WOM		
Description		Wireless Microphone
Colour		Black
Dimensions (W x D x H)		W 89.0 mm x D 89.0 mm x H 26.0 mm (including rubber feet)
Weight		126 g (including battery)
Directivity		Omnidirectional
Frequency Response		160 Hz - 16 kHz
Sensitivity		-14 dBFS/Pa
Power		Rechargeable Li-ion Battery 3.6 V 2350 mA/h. For Charge I/F: USB Type C, RM-WCH Charger I/F (4pin)
Maximum Power Consumpti	ion	5.0 V 0.7 A
Battery	Talk Time	Approximately 20 hours
	Standby Time	7 days
	Charge Time	Full charging: 5 hours (80% charging: 3 hours)
In Operation	Temperature	0°C - 40°C
	Humidity	20% - 85% (no condensation)
In Charging	Temperature	5°C - 40°C
	Humidity	20% - 85% (no condensation)
Storage	Temperature	-20°C - 60°C
	Humidity	10% - 90% (no condensation)
Indicators		Mic (3 colours) x 1, Battery (3 colours) x 1
Indicators Buttons		Mic (3 colours) x 1, Battery (3 colours) x 1 Mic x 4, Battery x 1, Pair x 1
Buttons		Mic x 4, Battery x 1, Pair x 1

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Specifications

RM-WGL		
Description		Wireless Microphone
Colour		Black
Dimensions (W x D x H	ł)	W 89.0 mm x D 89.0 mm x 308.4 mm (including rubber feet and to center of gooseneck mic)
Weight		152 g (including battery)
Directivity		Unidirectional
Frequency Response		160 Hz - 16 kHz
Sensitivity		-20.0 dBFS/Pa
Power		Rechargable Li-ion Battery 3.6 V 2350 mA/h. For Charge I/F: USB Type C, RM-WCH Charger I/F (4pin)
Maximum Power Cons	sumption	5.0 V 0.7 A
Battery	Talk Time	Approximately 20 hours
	Standby Time	7 days
	Charge Time	Full charging: 5 hours (80% charging: 3 hours)
In Operation	Temperature	0°C - 40°C
	Humidity	20% - 85% (no condensation)
In Charging	Temperature	5°C - 40°C
	Humidity	20% - 85% (no condensation)
Storage	Temperature	-20°C - 60°C
	Humidity	10% - 90% (no condensation)
Indicators		Mic (3 colours) x 1, Ring (3 colours) x 1, Battery (3 colours) x 1
Buttons		Mic x 1, Battery x 1, Pair x 1
I/O		USB Type C (for battery charging) x 1, Charger I/F (4pin) x 1
Accessories		Battery (RM-WBT) x 1, Owner's Manual x 1
Options		Replacement Battery RM-WBT
RM-WGS		
Description		Wireless Microphone
Colour		Black
Dimensions (W x D x H	{)	W 89.0 mm x D 89.0 mm x H 171.2 mm (including rubber feet and to center of gooseneck mic)
Weight	/	140 g (including battery)
Directivity		Unidirectional
Frequency Response		160 Hz - 16 kHz
Sensitivity		-20.0 dBFS/Pa
Power		Rechargable Li-ion Battery 3.6 V 2350 mA/h. For Charge I/F: USB Type C, RM-WCH Charger I/F (4pin)
Maximum Power Cons	sumption	5.0 V 0.7 A
Battery	Talk Time	Approximately 20 hours
	Standby Time	7 days
	Charge Time	Full charging: 5 hours (80% charging: 3 hours)
In Operation	Temperature	0°C - 40°C
	Humidity	20% - 85% (no condensation)
In Charging	Temperature	5°C - 40°C
	Humidity	20% - 85% (no condensation)
Storage	Temperature	-20°C - 60°C
	Humidity	10% - 90% (no condensation)
Indicators		Mic (3 colours) x 1, Ring (3 colours) x 1, Battery (3 colours) x 1
Buttons		Mic x 1, Battery x 1, Pair x 1
1/0		USB Type C (for battery charging) x 1, Charger I/F (4pin) x 1
Accessories		Battery (RM-WBT) x 1, Owner's Manual x 1
Options		Replacement Battery RM-WBT



Specifications

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Description Microphone Accessopint Colour While (paintable surface) Dimensions (W x 0 x H) While (paintable surface) Weight 560 g (including mounting bracket) Power Requirement EEE 802.341 (PoC Class 3) Maximum Power Consumption 48 V 0 2 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 90°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons Rest x 1 Connector Rest x 1 Maximum Device Number With RM-CR Dante (1 in / 8 out) Maximum Device Number With RM-CR Dante (1 in / 8 out) Rocessories Vall mount, Ceiling mount (with bracket), Fat placing Maximum Device Number With RM-CR Dante (1 in / 8 out) Rocessories Vall mount, Ceiling mount (with bracket), Fat placing Maximum Device Number With RM-CR Dante (1 in / 8 out) Rocessories Vall mount, Device Number With RM-CR Back Dante (1 in / 8 out) <th>RM-WAP-8</th> <th></th> <th></th>	RM-WAP-8		
Dimensions (W x D x H) W 171.2 mm x D 172.5 mm x H 42.8 mm Weight 650 g (including mounting bracket) Power Requirement EEE8 002.341 (PoE Class 3) Maximum Power Consumption 48 V 0.2 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Status (2004) x 1.5 mm x 1.5	Description		Microphone Accesspoint
Weight 650 g (including mounting bracket) Power Requirement IEEE 802.34r (PoC Class 3) Maximum Power Consumption 48 V 0.2 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Statu (3 colours) x 1 Buttons Reset x 1 Connector Reset x 1 Connector Quite Audio, Date Control, Remote Control, POE) Audio 10 Data (f in / 8 out) Mount Wal mount, Celling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2 units (Connection with other than RM-CR is not limited to this device) Accessories Ovmer's Manual x 1, Mounting bracket x 1 "Screw for Mounting Bracket or Safety Wire are not included RM-WCH-3 Black Distory X 1, 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumption 16 O V2.0 A In Operation Con (N K V, 2.4 A) Maximum Power Consumption 16 O V2.0 A In Operation 20% c- 60% (no condensation) 10% c- 40°C <td>Colour</td> <td></td> <td>White (paintable surface)</td>	Colour		White (paintable surface)
Power Requirement IEEE 802.3af (PoE Class 3) Maximum Power Consumption 48 V 0.2 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons Reset x 1 Connector R.J-45 (Dante Audio, Dante Control, Remote Control, POE) Audio 1/0 Dante (1 in /8 out) Maximum Device Number with RM-CR 2units (Connection with hort than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 "Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Eescription Description Microphone Charger Colour Back Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power D (N (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature	Dimensions (W x D x H	ł)	W 171.2 mm x D 172.5 mm x H 42.8 mm
Maximum Power Consumption 48 V 0.2 Å In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons Reset x 1 Connector RJ-45 (Dante Audio, Dante Control, PoE) Audio I/O Dante (1 in / 8 out) Mount Wall mount, Celling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connecton with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Storew for Mounting Bracket or Safety Wire are not included RM-WCH-B Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumption 16.0 V 2.0 A In Operation 16.0 V 2.0 A In Charging Temperature OC N (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation 20% - 65% (no condensation) In Charging Temperature OPC - 40°C Humidity <td>Weight</td> <td></td> <td>650 g (including mounting bracket)</td>	Weight		650 g (including mounting bracket)
In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (G colours) x 1, Status (3 colours) x 1 Buttons Reset x 1 Connector RJ-45 (Darte Audio, Dante Control, Renote Control, PoE) Audio I/O Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 E Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 Å) Maximum Power Consumption 16.0 V 2.0 Å In Operation Groe - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C <td< td=""><td>Power Requirement</td><td></td><td>IEEE 802.3af (PoE Class 3)</td></td<>	Power Requirement		IEEE 802.3af (PoE Class 3)
Humidity 20% - 85% (no condensation) Storage Temperature -20° C - 60° C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons R34-45 (Dante Audio, Dante Control, Remote Control, PoE) Audio 1/0 Dante (1 in / 8 out) Mount Wall mount, Celling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Conver's Marual x 1, Mounting bracket x 1 "Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 E Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power OC N (16 V, 24 A) Maximum Power Consumptior 16.0 V 2.0 A In Operation 5°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 6°C - 40°C 40°C - 60°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 60°C	Maximum Power Cons	sumption	48 V 0.2 A
Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Statu (3 colours) x 1 Buttons Reset x 1 Connector RJ-45 (Dante Audio, Dante Control, Remole Control, PoE) Audio 1/0 Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2 units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity Humidity 20% - 85% (no condensation) In Charging Temperature 1 5°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 10% - 90% (no condensation)	In Operation	Temperature	0°C - 40°C
Humidity 10% - 90% (no condensation) Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons Reset x 1 Connector RJ-45 (Date Audio, Dante Control, Pende Control, PoE) Audio V0 Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR Qunits (Connection with other than RM-CR is not limited to this device) Accessories Owmer's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Encorption Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 9°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 2°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 20°C - 60°C Humidi		Humidity	20% - 85% (no condensation)
Indicators Power (3 colours) x 1, Status (3 colours) x 1 Buttons Reset x 1 Connector RJ-45 (Dante Audio, Dante Control, PoE) Audio I/O Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2 units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Black Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumptor 16.0 V 2.0 A In Operation 0C / C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate (3 colours) x 1	Storage	Temperature	-20°C - 60°C
Buttons Reset x 1 Connector RJ-45 (Dante Audio, Dante Control, Remote Control, PoE) Audio I/O Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 "Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Encertainting Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) 5 Storage Temperature 5°C - 40°C Humidity 10% - 90% (no condensation) 5 Indicators Activate (3 colours) x 1 6 Buttons Activate (3 colours) x 1 6		Humidity	10% - 90% (no condensation)
Connector RJ-45 (Dante Audio, Dante Control, Remote Control, PoE) Audio I/O Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Wicrophone Charger Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumption 16.0 V 2.0 A In Operation 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate X 1, Pair x 1 Activate X 1, Pair x 1	Indicators		Power (3 colours) x 1, Status (3 colours) x 1
Audio I/O Dante (1 in / 8 out) Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Back Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 9:0° C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate X 1, Pair x 1 Activate X 1	Buttons		Reset x 1
Mount Wall mount, Ceiling mount (with bracket), Flat placing Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Emperative Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Maximum Power Consumption 16.0 V 2.0 A In Operation G°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature Humidity 5°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature Humidity 20% - 85% (no condensation) In Charging Temperature Humidity 20% - 85% (no condensation) In Charging Temperature Humidity 20% - 85% (no condensation) In Indicators Activate (3 colours) x 1 Activate x 1, Pair x 1	Connector		RJ-45 (Dante Audio, Dante Control, Remote Control, PoE)
Maximum Device Number with RM-CR 2units (Connection with other than RM-CR is not limited to this device) Accessories Owner's Manual x 1, Mounting bracket x 1 *Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Emperature Black Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Matrinal Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 6°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Audio I/O		Dante (1 in / 8 out)
Accessories Owner's Manual x 1, Mounting bracket x 1 "Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Description Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Mount		Wall mount, Ceiling mount (with bracket), Flat placing
*Screw for Mounting Bracket or Safety Wire are not included RM-WCH-8 Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Maximum Device Num	nber with RM-CR	2units (Connection with other than RM-CR is not limited to this device)
RM-WCH-8 Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Accessories		Owner's Manual x 1, Mounting bracket x 1
Description Microphone Charger Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 20% - 85% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1			*Screw for Mounting Bracket or Safety Wire are not included
Colour Black Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity Humidity 20% - 85% (no condensation) Storage Temperature 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	RM-WCH-8		
Dimensions (W x D x H) W 304 mm x D 188 mm x H 41.5 mm (including rubber feet) Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 5°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Description		Microphone Charger
Weight 800 g Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Colour		Black
Material Plastic Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Dimensions (W x D x H	ł)	W 304 mm x D 188 mm x H 41.5 mm (including rubber feet)
Power DC IN (16 V, 2.4 A) Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 20°C - 60°C Humidity 20% - 85% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Weight		800 g
Maximum Power Consumption 16.0 V 2.0 A In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature 20°C - 60°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Material		Plastic
In Operation Temperature 0°C - 40°C Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Power		DC IN (16 V, 2.4 A)
Humidity 20% - 85% (no condensation) In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Maximum Power Cons	sumption	16.0 V 2.0 A
In Charging Temperature 5°C - 40°C Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	In Operation	Temperature	0°C - 40°C
Humidity 20% - 85% (no condensation) Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1		Humidity	20% - 85% (no condensation)
Storage Temperature -20°C - 60°C Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	In Charging	Temperature	5°C - 40°C
Humidity 10% - 90% (no condensation) Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1		Humidity	20% - 85% (no condensation)
Indicators Activate (3 colours) x 1 Buttons Activate x 1, Pair x 1	Storage	Temperature	-20°C - 60°C
Buttons Activate x 1, Pair x 1		Humidity	10% - 90% (no condensation)
	Indicators		Activate (3 colours) x 1
	Buttons		Activate x 1, Pair x 1
I/O DC IN x 1	1/0		DC IN x 1
Accessories Owner's Manual x 1, AC adapter x 1, Cable x 1 (for Japan and USA), x 3 (for Europe)	Accessories		Owner's Manual x 1, AC adapter x 1, Cable x 1 (for Japan and USA), x 3 (for Europe)



Specifications

RM-WBT		
Description		Replacement Battery
Colour		Black
Dimensions (W x D x H)	H 11.15 mm x W 34.95 mm x D 52.5 mm
Weight		42 g
Voltage		3.6 V
Nominal Capacity		2350 mA/h
Maximum Charge Curr	rent	1.59 V
Maximum Charge Volta	age	4.20 V
Maximum Discharge C	Current	2.30 A
In Operation	Temperature	0°C - 40°C
	Humidity	20% - 85% (no condensation)
Storage	Temperature	-20°C - 60°C
	Humidity	10% - 90% (no condensation)
Accessories		RM-WBT Safety Brochure x 1



Specifications

Network Specifications

RM-WAP-8	
Ethernet	Dante, Remote Control, Web UI, PoE
Cable Requirements	CAT5e or higher (STP)

Audio Specifications

Frequency Response		160 Hz - 16 kHz
Sampling Rate		48 kHz
Bit Depth		24 bit
Latency	RM-WDR/RM-WOM	110 ms nominal (with signal processing in High Quality mode)
	RM-WGL/RM-WGS	30 ms - 35 ms nominal (without signal processing in High Quality mode)
		110 ms nominal (with signal processing in High Quality mode)
Audio I/O	Dante	1 in x 8/16 out
Maximum Input Level	RM-WDR	100.2 dB SPL
of SPL (0 dBFS)	RM-WOM	99.4 dB SPL
	RM-WGL	106.2 dB SPL
	RM-WGS	106.2 dB SPL
Self Noise	RM-WDR	-24.7 dBA SPL
	RM-WOM	-23.0 dBA SPL
	RM-WGL	-19.3 dBA SPL
	RM-WGS	-19.3 dBA SPL
SNR (Ref. 94 dB SPL at 1 kHz)	RM-WDR	118.7 dBA
	RM-WOM	117.0 dBA
	RM-WGL	113.3 dBA
	RM-WGS	113.3 dBA
Sensitivity	RM-WDR	-6.2 dBFS/Pa
	RM-WOM	-5.4 dBFS/Pa
	RM-WGL	-12.2 dBFS/Pa
	RM-WGS	-12.2 dBFS/Pa
Dynamic Range	RM-WDR	124.9 dBA
	RM-WOM	122.4 dBA
	RM-WGL	125.5 dBA
	RM-WGS	125.5 dBA
Signal Processing		AEC, Noise Reduction, De-reverberation, AGC, PEQ, Output Gain Adjustment

Wireless Specifications

Radio Method	1.9 GHz DECT standard	
Radio Frequency Range	USA, Canada: 1920.0 MHz - 1930.0 MHz	
	Japan: 1893.5 MHz - 1906.1 MHz	
	EU, Australia, New Zealand, Norway, UK: 1880.0 MHz - 1900.0 MHz	
Maximum RF Power Level	USA, Canada: 23.5 dBm	
	Japan: 26.5 dBm	
	EU, Australia, New Zealand, Norway, Sweden, Finland, Denmark, UK: 26.5 dBm	
Maximum Coverage Distance	50 m (depends on the usage environment)	
Encryption	AES (256-bit)	

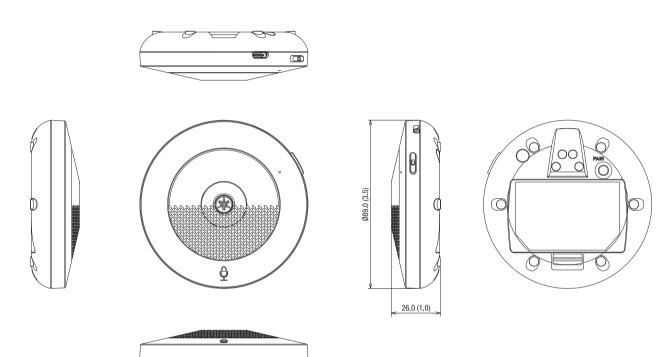
5/5



1/6

Unit: mm (inch)

RM-WDR

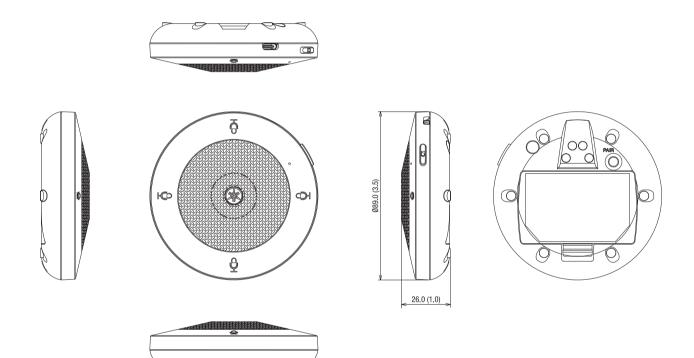




2/6

Unit: mm (inch)

RM-WOM



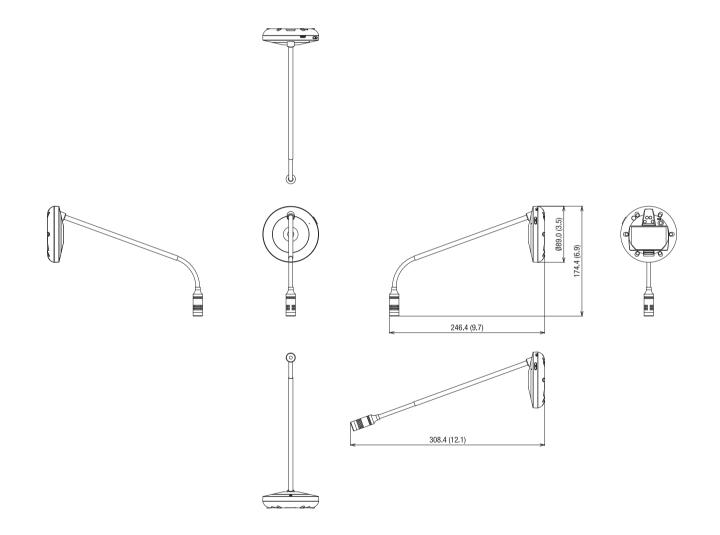




3/6

Unit: mm (inch)

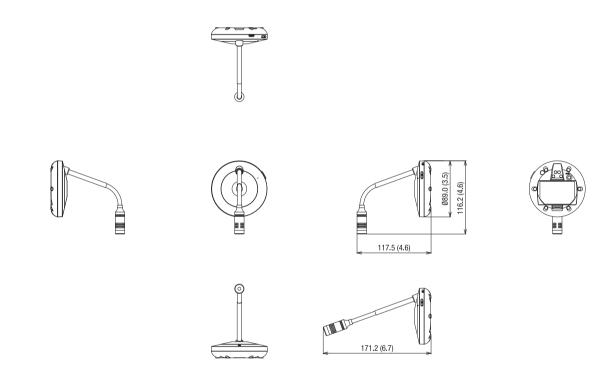
RM-WGL





4/6

RM-WGS

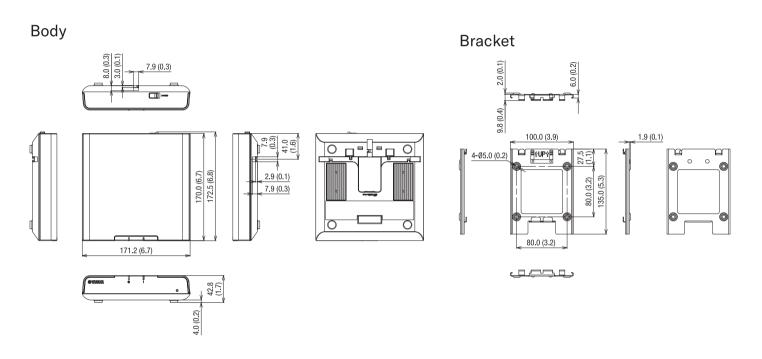




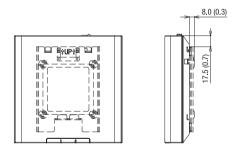
5/6

Unit: mm (inch)

RM-WAP-8



Body + Bracket

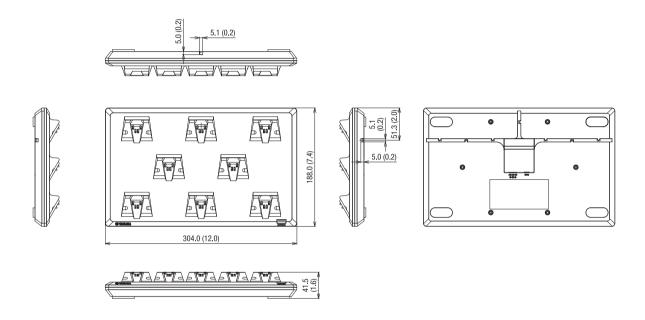




6/6

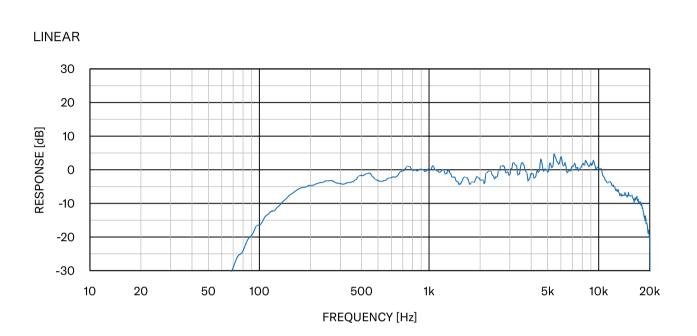
Unit: mm (inch)

RM-WCH-8

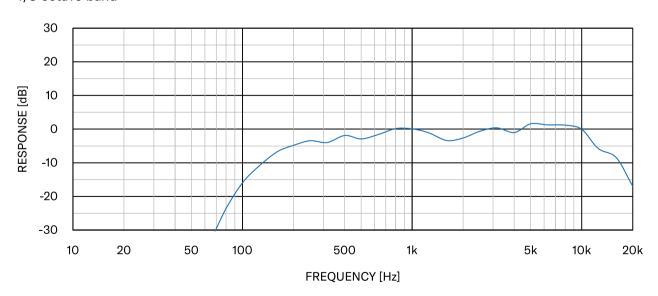




Frequency Response



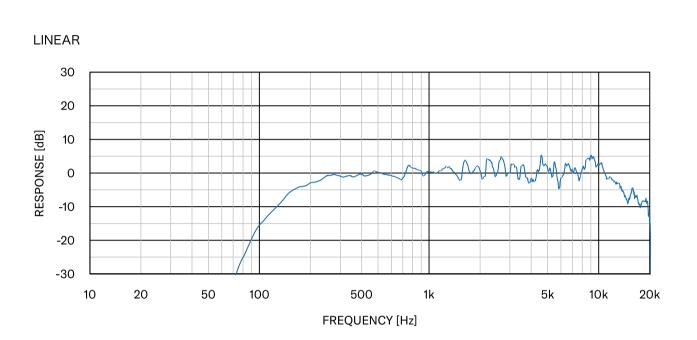
1/3 octave band



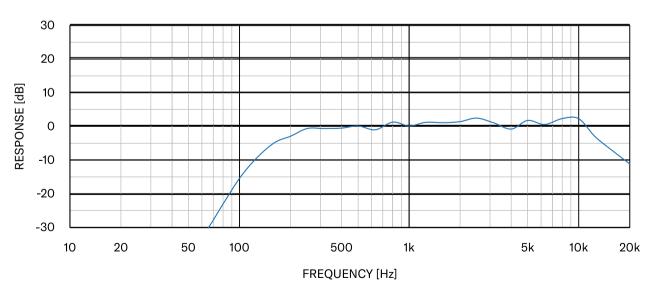
RM-WDR



Frequency Response



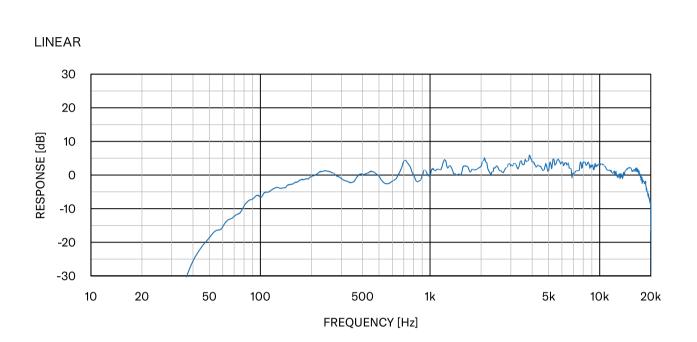
1/3 octave band



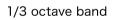
RM-WOM

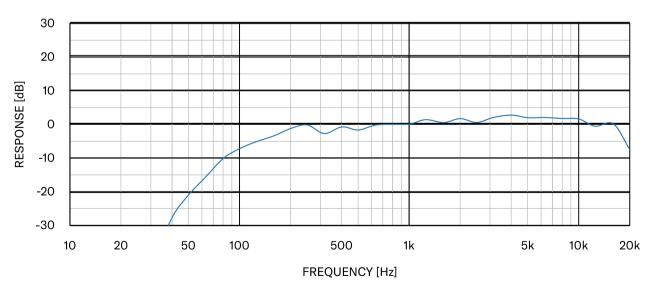


Frequency Response



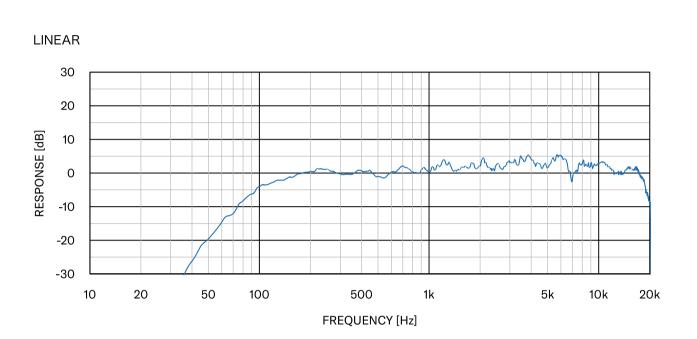
RM-WGL



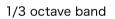


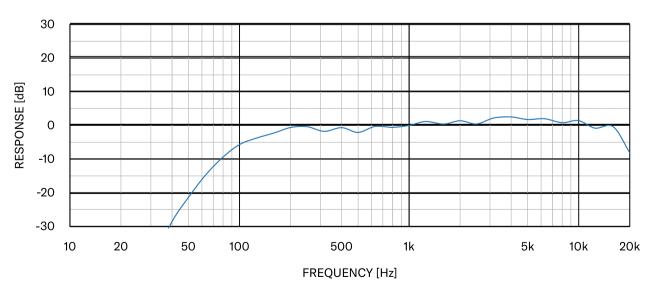


Frequency Response



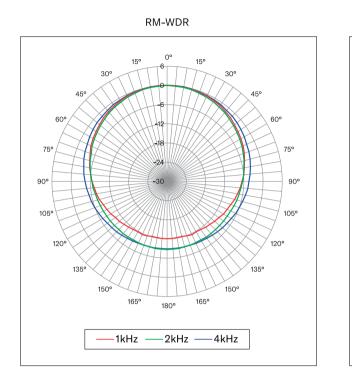
RM-WGS

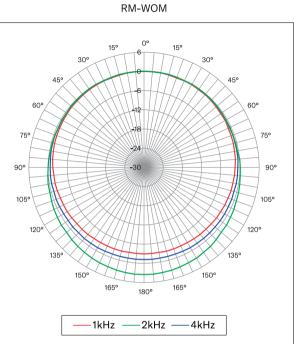




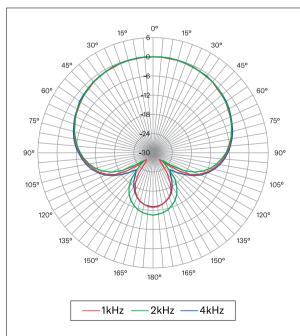


Directional Characteristics





RM-WGS



0° 15° 15° 309 30° 459 45° 609 60° 75° 75° 6 90° 90° -30 105 105° 120 120° 1359 135° 150° 1509 165° 165° 180° -1kHz -2kHz --4kHz

RM-WGL

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