

RM-W Firmware Update Instructions

■ Summary

After pairing the microphone whose firmware operator wants to update with the access point, update the microphone firmware over-the-air to the microphone, which is contained in the access point firmware.

- [1] Log in to the Web-GUI of the access point using "RM Device Finder"
- [2] Pair the access point and microphone
- [3] Update microphone firmware from Web-GUI
- [4] Unpair the access point and microphone

Advanced Requirements

- 1 x Windows PC with wired ethernet connector
- 1 x PoE network switch
- LAN cable (CAT5e or higher)
- PC application "RM Device Finder"
- RM-WAP-8 (uploaded new firmware)

[Procedure for Logging in the Access Point's Web-GUI]

1. Execute RM Device Finder.exe and search for access points.

Double-clicking the Web-GUI icon of the access point to be paired with the microphone from the listed access points displays the Web-GUI login screen. In that case, please confirm that the version of the access point is 1.8.2.

a RM Device Fin	ıder					-	×
File(F) Help(H)						
Detected Devices	•					Refr	esh
Model ^	Label	Version	Address	MAC Address	Subnet Mask	Web UI	
RM-WAP-16	Y001-Yamaha-	1.8.2	0.130.63.32	AC:44:F2:A2:8F:CD	255.255.255.0		
							•
Network	Firmware Update				Identify Brow	se Clo	se

2. Set the Web-GUI login password.

Operator will need to set a password when logging in for the first time.

RM-WAP Device Manager	
Please set a password	
Device Management Account 🚺	
Device Management User Account Password	•
Repeat Password	0
SET PAS	SWORD

3. Login to Web-GUI.

After setting the password, log in using the set password.

RM-WAP Device Manager					
The system is loaded after reboot and is ready again.	to be used				
Password	0				
Remember me	LOGIN				

[Pairing Procedure]

1. Click the "PAIR NEW" button on the SETTINGS>MICROPHONE page.

YAMAHA	RM-WAP Device Manager				LOGOUT 🗗	
	A	•	*		AUTO SETUP 🔅	
ADMIN	CHARGER	SETTINGS	AUDIO	DECT	NETWORK	REGION
Configure microp	hone settings					SUBMIT
Micropho	nes				PAIR NEW	i ^ 0
						~

The access point will wait for pairing from the microphone. At this time, the status indicator of the access point itself blinks blue.

SETTINGS MICROPHONE	AUDIO	DECT	AUTO SETUP 🏠	
MICROPHONE	AUDIO	DECT	NETWORK	REGION SUBMIT
				SUBMIT
istening for new microphones. Ple	ease press the pairing	button on the mi	crophone to pair it	
	CANCEL			
				~
	istening for new microphones. Pl	istening for new microphones. Please press the pairing	istening for new microphones. Please press the pairing button on the mi CANCEL	istening for new microphones. Please press the pairing button on the microphone to pair it CANCEL

2. Press and hold the "PAIR" button for more than 2 seconds after activating the microphone.

The Mic indicator on the microphone will blink in blue rapidly to initiate pairing. When pairing is completed, it will blink twice in blue slowly and return to its original state.

[底面]



① PAIR ボタン

操作	Mic インジケーター	本製品の状態
PAIR ボタンを2秒以上長押しする	青色に高速で点滅	ペアリング待機状態 / ペアリングしている途中
PAIR ボタンを 2 秒以上長押しする	(青色に高速で点滅したあとに) 青色に 2 回点滅	ペアリングに成功した
PAIR ボタンを 2 秒以上長押しする	(青色に高速で点滅したあとに) 赤色に2回点滅	ペアリングに失敗した

3. Once pairing is completed, the microphone will be listed.

 \checkmark indicates the updated state, \bigcirc indicates that an update is required.

If pairing fails or if the pairing waiting state is canceled (pairing was not completed within 120 seconds), proceed to step 1. Please start over.

⊛YAM	❀ YAMAHA RM-WAP Device Manager				LOGOUT 🗗		
		A	0	*		AUTO SETUP 🔅	
			SETTINGS				
AD	DMIN	CHARGER	MICROPHONE	AUDIO	DECT	NETWORK	REGION
Config	gure microphone	e settings					SUBMIT
Mi	crophones	S					ew i ^ O
		i Listening	for new microphones. Pleas	CANCEL	utton on the m	icrophone to pair it	
	All microphones						~
	01-RM-WDR-0357	00D640				Ö 💿 🧩 🌒	Fader: 0 dB 🗸
	02-RM-WGL-0357	00BDE0				Ö O 🌾 🔵	Fader: 0 dB 🗸
	03-RM-WOM-0357	7063E18				Ö O 🌾	Fader: O dB 🗸
	04-RM-WGS-0357	0467D0				Ö 🖲 🤾 🔵	Fader: 0 dB 🗸

4. Click the "CANCEL" button on the SETTINGS>MICROPHONE page.

® YAMAHA		RM-WAP	Device Manag	jer	<u> </u>	LOGOUT 🗗
	A	\$	*		Αυτο Setup 🔅	
		SETTINGS				
ADMIN	CHARGER	MICROPHONE	AUDIO	DECT	NETWORK	REGION
Configure microp	hone settings					SUBMIT
Micropho	nes					<i>i</i> ^ O
	ilistenin	g for new microphones. Plea	ose press the pairing b	outton on the mi	crophone to pair it	
All micropho	nes					~
01-RM-WDR	-035700D640				🔵 🔖 💽 🚫 Fade	er: 0 dB 🗸
02-RM-WGL-	035700BDE0				🔵 👯 💽 🔞 Fade	er: 0 dB 🗸
03-RM-WOM	-0357063E18				🔵 👯 💽 🔞 Fade	er: 0 dB 🗸
04-RM-WGS	-03570467D0				🔵 🔖 💽 🔇 Fade	er: 0 dB 🗸

Pairing is now completed.

® YAMAHA		RM-WAP [)evice Manag	er		LOGOUT 🗗
	A	\$	*		AUTO SETUP 🔅	
ADMIN	CHARGER	SETTINGS		DECT	NETWORK	REGION
Configure microp	hone settings			DECT	NET WORK	SUBMIT
Micropho	nes				PAIR NEW	<i>i</i> ^ O
All microphor	nes					~
01-RM-WDR-	035700D640				🔵 🔖 💽 🔞 Fade	r: 0 dB 🗸
02-RM-WGL-	035700BDE0				🕒 👯 💽 🔞 Fade	r: 0 dB 🗸
03-RM-WOM	-0357063E18				🕒 🔆 💽 🔞 Fade	r: 0 dB 🗸
04-RM-WGS-	03570467D0				🔵 🔖 💽 🚺 Fade	r: 0 dB 🗸

[Firmware Update Procedure]

1. Click the "TURN ON FWU MODE" button on the TOOLS>UPDATE page.

Click this button to change to firmware update only mode and stop audio communication between the Access point and the microphone. When the firmware update is completed, click the "TURN OFF FWU MODE" button to release the dedicated mode.

® YAMAHA		RM-	RM-WAP Device Manager			LOGOUT 🗗
		A 3	\$ \$	<	AUTO SETUP 🔅	
			тос	DLS		
	SITE SURVEY	UPDAT	E	CONFIGURATION	L	.OGS
	Update firmware of RM-WA	P, wireless microphones an	d microphone chargers			
	Firmware Updat	e			企 UPDATE /	ALL ^ O
	The system is currently not in update mode, no audio is tran	Firmware update mode. Turn on smitted.	the update mode to update m	nicrophones and chargers	s. While in TURN ON FI	WU MODE
	Chargers	Required version: 114		Microphones	Required	l version: 112
				♂ 01-RM-V	VDR-035700D640	
				♂ 02-RM-V	VGL-035700BDE0	
				C 03-RM-V	VOM-0357063E18	
				C 04-RM-V	VGS-03570467D0	
					û U F	DATE ALL

2. Click the "UPDATE ALL" button.

❀ YAMAHA	RM-WAP Devi	ice Manager		LOGOUT 🗗
	n 0	*	AUTO S	ETUP 🔅
		TOOLS		
SITE SURVEY	UPDATE	CONFI	GURATION	LOGS
Update firmware of RM-WAP, v	vireless microphones and microphone	chargers		
Firmware Update				
The system is currently in Firmwa	are update mode. Audio is not available. Turn off	f Firmware update mode	e to have audio.	TURN OFF FWU MODE
Chargers	Required version: 114	Micro	phones	Required version: 112
		C	01-RM-WDR-0357	00D640
		C	02-RM-WGL-0357	D0BDE0
		C	03-RM-WOM-0357	063E18
		C	04-RM-WGS-0357	0467D0
				☆ UPDATE ALL

The microphone update will start. Only microphones that require an update will be updated. The update is executed one by one and takes about 3 minutes per device.

Image: WYAMAHA RM-WAP Device Manager LOGO					
A I	•	* .	υτο setup 🌼		
		TOOLS			
SITE SURVEY	UPDATE	CONFIGURATION	LOGS		
Update firmware of RM-WAP, wireles	ss microphones and microphone	chargers			
Firmware Update					
The system is currently in Firmware upo	late mode. Audio is not available. Turn off	Firmware update mode to have audio.	TURN OFF FWU MODE		
Chargers	Required version: 114	Microphones	Required version: 112		
	Ŷ UPDATE ALL	(C) 01-RM-WD	R-035700D640		
		O2-RM-WG	SL-035700BDE0		
		3-RM-WC	M-0357063E18		
		O4-RM-WG	S-03570467D0		

The status will change when the update is completed.

® YAMAHA	RM-WAP De	vice Manager	LOGOUT 🗗
	A O		SETUP 🔅
		TOOLS	
SITE SURVEY	UPDATE	CONFIGURATION	LOGS
Update firmware of RM-WAP, v	wireless microphones and micropho	ne chargers	
Firmware Update			✿ UPDATE ALL ^ O
_			
The system is currently in Firmw	are update mode. Audio is not available. Turn	off Firmware update mode to have audio.	TURN OFF FWU MODE
Chargers	Required version: 114	Microphones	Required version: 112
	✿ UPDATE ALL	✓ 01-RM-WDR-0357	00D640
		© 02-RM-WGL-035	700BDE0
		02 DM WOM 02	57062519
		G 03-KM-WOM-03	57003E18
		04-RM-WGS-03	570467D0

Operator can check the status of the firmware update on the microphone itself with the Mic indicator.

RM-WOM RM-WDR

[Top panel/side panel]



⊕ Mic buttons/indicators ■

Condition	Mic indicator	Unit status
Mic button touched	Lit green	Microphone on
Mic button touched	Lit red (Flashes every 2 seconds)	Microphone off
Identifications in Web OUI allabed	Electrony delta	Description (to block the forestion)
Updating firmware	Flashes white quickly	Firmware being updated
Updating firmware	(After flashing white quickly) Flashes white twice	Firmware updated successfully
Updating firmware	(After flashing white quickly) Flashes red twice	Firmware update failed
-	Flashes red quickly	System error occurring
-	Flashes red slowly	Out of range for DECT connection

3. After confirming that the firmware has been updated, click the "TURN OFF FWU MODE" button.

® YAMAHA	RM-	WAP Device Mana	ger	LOGOUT 🗗
	A 4	> X	AUTO S	SETUP 🄅
		TOOLS		
SITE SURVEY	UPDAT	E	CONFIGURATION	LOGS
Update firmware of RM-	WAP, wireless microphones an	d microphone chargers		
Firmware Upo	late			✿ UPDATE ALL ^ O
The system is currently in	n Firmware update mode. Audio is not	available. Turn off Firmware upda	te mode to have audio.	TURN OFF FWU MODE
Chargers	Required version: 114		Microphones	Required version: 112
			✓ 01-RM-WDR-0357	00D640
			✓ 02-RM-WGL-03570	D0BDE0
			✓ 03-RM-WOM-0357	063E18
			✓ 04-RM-WGS-03570	0467D0

Firmware update is now completed.

АМАНА	RM-WAP De	evice Manager	LOGOUT
	A 0	× •	το setup 🔅
		TOOLS	1000
SITE SURVEY	UPDATE	CONFIGURATION	LOGS
odate firmware of RM-	WAP, wireless microphones and micropho	one chargers	
Firmware Upc	late		
The system is currently n update mode, no audio is	ot in Firmware update mode. Turn on the update mo ; transmitted.	ode to update microphones and chargers. Whil	e in TURN ON FWU MODE
The system is currently n update mode, no audio is Chargers	iot in Firmware update mode. Turn on the update mo ; transmitted. Required version: 114	ode to update microphones and chargers. Whil Microphones	e in TURN ON FWU MODE
The system is currently n update mode, no audio is Chargers	not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114 介 UPDATE ALL	ode to update microphones and chargers. Whil Microphones	Required version: 13
The system is currently n update mode, no audio is Chargers	not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114	ode to update microphones and chargers. Whil Microphones	e in TURN ON FWU MODE Required version: 13 035700D640
The system is currently n update mode, no audio is Chargers	Not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114	ode to update microphones and chargers. Whil Microphones	e in TURN ON FWU MODE Required version: 1: 035700D640 135700BDE0
The system is currently n update mode, no audio is Chargers	not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114 企 UPDATE ALL	ode to update microphones and chargers. Whil Microphones	turn on fwu mode Required version: 1: 035700D640 035700BDE0 0357063E18
The system is currently n update mode, no audio is Chargers	Not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114	ode to update microphones and chargers. Whil Microphones	e in TURN ON FWU MODE Required version: 1: 035700D640 035700BDE0 0357063E18
The system is currently n update mode, no audio is Chargers	Not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114	ode to update microphones and chargers. Whit Microphones ✓ 01-RM-WDR-0 ✓ 02-RM-WGL-0 ✓ 03-RM-WOM-1 ✓ 04-RM-WGS-0	e in TURN ON FWU MODE Required version: 1: 035700D640 035700BDE0 0357063E18
The system is currently n update mode, no audio is Chargers	Not in Firmware update mode. Turn on the update mo s transmitted. Required version: 114	ode to update microphones and chargers. While Microphones ✓ 01-RM-WDR-0 ✓ 02-RM-WGL-0 ✓ 03-RM-WOM-0 ✓ 04-RM-WGS-0	e in TURN ON FWU MODE Required version: 1: 035700D640 035700BDE0 0357063E18 03570467D0

[Unpairing Procedure]

1. Click all " ⁼ " icon of All microphone tab on the SETTINGS>MICROPHONE page.

Unpair all paired microphones for the next microphone firmware update.

® YAMAHA	RM-WAP	Device Manag	er		LOGOUT 🗗
A	•	*		Αυτο setup 🔅	
ADMIN CHARGER	MICROPHONE	AUDIO	DECT	NETWORK	REGION
Configure microphone settings					SUBMIT
Microphones				PAIR NEW	i ^ Q
All microphones					~
01-RM-WDR-035700D640				🛑 🤽 💽 🚺 Fade	er: 0 dB 🗸
02-RM-WGL-035700BDE0				🔵 👯 💽 🔞 Fade	er: 0 dB 🗸
03-RM-WOM-0357063E18				🕒 🔖 💽 🔀 Fade	er: 0 dB 🗸
04-RM-WGS-03570467D0				🔵 🔖 💽 🔞 Fade	er: 0 dB 🗸

® YAMAHA	RM-WAP	Device Manag	er		LOGOUT 🗗
≜		*		AUTO SETUP 🔅	
	SETTINGS				
ADMIN CHARGER	MICROPHONE	AUDIO	DECT	NETWORK	REGION
Configure microphone settings					SUBMIT
Microphones				PAIR NEW	<i>i</i> ^ O
All microphones					^
Start Mode:	START UP STANDBY				i
Start Mute Mode:	MUTE ON MUTE OFF				i
Mic Button Behavior:	TOGGLE PUSH TO TALK	DISABLE			i
Alarm when out of area:	ON OFF				i
Basic Audio Settings Fader Level:					
					0 dB
High Pass Filter:	NONE 110 HZ 140 HZ	175 HZ 225 HZ			i
Low Pass Filter:	NONE 4 KHZ 8 KHZ 12	KHZ			i

Unpairing is completed when all microphone names are removed from the list.

YAMAHA		RM-WAP Device Manager			LOGOUT E	
	A		*		AUTO SETUP 🍪	
ADMIN	CHARGER	MICROPHONE	AUDIO	DECT	NETWORK	REGION
Configure microp	hone settings					SUBMIT
Micropho	ines				PAIR NEW	i ^ O
	nec					~